

ANALYTICAL REPORT

Job Number: 460-46192-1

Job Description: 17338-TO4-2012, RACER, GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
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cc: Chris Barton

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17338-TO4-2012, RACER, GM Wilmington

Report Number: 460-46192-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

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

RECEIPT

The samples were received on 10/19/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.0 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

DISSOLVED METALS

Samples 460-46192-1 through 460-46192-4 were analyzed for Dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/24/2012 and analyzed on 10/24/2012 and 10/25/2012.

Sample 460-46192-1(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the dissolved metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL METALS

Samples 460-46192-1 through 460-46192-4 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 10/24/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples 460-46192-1 through 460-46192-4 were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/26/2012.

No difficulties were encountered during the dissolved mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-46192-1 through 460-46192-4 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 10/23/2012 and 10/24/2012.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-46192-1 through 460-46192-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/25/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries and %RPD for batch 133510 were outside control limits for multiple analytes. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-46192-1	WG-17338-101812-MW29-MM-250	Water	10/18/2012 1045	10/19/2012 1845
460-46192-2	WG-17338-101812-MW28-MM-260	Water	10/18/2012 1200	10/19/2012 1845
460-46192-3	WG-17338-101812-MW35-MM-261	Water	10/18/2012 1350	10/19/2012 1845
460-46192-4	WG-17338-101812-MW27-MM-262	Water	10/18/2012 1510	10/19/2012 1845
460-46192-4MS	WG-17338-101812-MW27-MM-262	Water	10/18/2012 1510	10/19/2012 1845
460-46192-4MSD	WG-17338-101812-MW27-MM-262	Water	10/18/2012 1510	10/19/2012 1845
460-46192-4DU	WG-17338-101812-MW27-MM-262	Water	10/18/2012 1510	10/19/2012 1845
460-46192-5	TB-17338-101812-263	Water	10/18/2012 0000	10/19/2012 1845

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-46192-1	WG-17338-101812-MW29-MM-250					
Vinyl chloride		31		1.0	ug/L	8260B
Methyl tert-butyl ether		0.52	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.6		1.0	ug/L	8260B
Ethylbenzene		5.9		1.0	ug/L	8260B
Cyclohexane		3.6		1.0	ug/L	8260B
Benzene		11		1.0	ug/L	8260B
Methylcyclohexane		3.5		1.0	ug/L	8260B
Toluene		1.5		1.0	ug/L	8260B
Xylenes, Total		7.9		3.0	ug/L	8260B
Isopropylbenzene		0.79	J	1.0	ug/L	8260B
Zinc		34.7		30.0	ug/L	6010B
Chromium		6.0	J	10.0	ug/L	6010B
Sodium		238000		5000	ug/L	6010B
Potassium		2280	J	5000	ug/L	6010B
Barium		903		200	ug/L	6010B
Calcium		98500		5000	ug/L	6010B
Iron		76000		150	ug/L	6010B
Vanadium		8.8	J	50.0	ug/L	6010B
Magnesium		125000		5000	ug/L	6010B
Aluminum		2890		200	ug/L	6010B
Manganese		3140		15.0	ug/L	6010B
<i>Dissolved</i>						
Selenium		13.1		10.0	ug/L	6010B
Sodium		257000		25000	ug/L	6010B
Potassium		2200	J	5000	ug/L	6010B
Barium		606		200	ug/L	6010B
Calcium		104000		5000	ug/L	6010B
Iron		36600		150	ug/L	6010B
Magnesium		131000		5000	ug/L	6010B
Manganese		3270		15.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-46192-2	WG-17338-101812-MW28-MM-260					
Ethylbenzene		0.37	J	1.0	ug/L	8260B
Benzene		0.12	J	1.0	ug/L	8260B
Xylenes, Total		1.5	J	3.0	ug/L	8260B
Isopropylbenzene		0.097	J	1.0	ug/L	8260B
Nickel		6.3	J	40.0	ug/L	6010B
Arsenic		6.4		5.0	ug/L	6010B
Zinc		35.7		30.0	ug/L	6010B
Sodium		197000		5000	ug/L	6010B
Potassium		5050		5000	ug/L	6010B
Barium		474		200	ug/L	6010B
Calcium		29200		5000	ug/L	6010B
Iron		37100		150	ug/L	6010B
Magnesium		56100		5000	ug/L	6010B
Aluminum		558		200	ug/L	6010B
Manganese		5930		15.0	ug/L	6010B
Cobalt		53.4		50.0	ug/L	6010B
<i>Dissolved</i>						
Nickel		6.4	J	40.0	ug/L	6010B
Zinc		22.6	J	30.0	ug/L	6010B
Sodium		206000		5000	ug/L	6010B
Potassium		5240		5000	ug/L	6010B
Barium		433		200	ug/L	6010B
Calcium		30400		5000	ug/L	6010B
Iron		13100		150	ug/L	6010B
Magnesium		58100		5000	ug/L	6010B
Manganese		6020		15.0	ug/L	6010B
Cobalt		54.9		50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-46192-3	WG-17338-101812-MW35-MM-261					
Ethylbenzene		0.28	J	1.0	ug/L	8260B
Benzene		0.45	J	1.0	ug/L	8260B
Trichloroethene		0.87	J	1.0	ug/L	8260B
Xylenes, Total		1.3	J	3.0	ug/L	8260B
Nickel		19.7	J	40.0	ug/L	6010B
Sodium		95500		5000	ug/L	6010B
Potassium		5050		5000	ug/L	6010B
Barium		286		200	ug/L	6010B
Calcium		45700		5000	ug/L	6010B
Iron		337		150	ug/L	6010B
Magnesium		23100		5000	ug/L	6010B
Aluminum		321		200	ug/L	6010B
Manganese		101		15.0	ug/L	6010B
<i>Dissolved</i>						
Nickel		20.9	J	40.0	ug/L	6010B
Selenium		6.6	J	10.0	ug/L	6010B
Sodium		101000		5000	ug/L	6010B
Potassium		5330		5000	ug/L	6010B
Barium		301		200	ug/L	6010B
Calcium		48200		5000	ug/L	6010B
Magnesium		23800		5000	ug/L	6010B
Manganese		105		15.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-46192-4	WG-17338-101812-MW27-MM-262					
Ethylbenzene		0.21	J	1.0	ug/L	8260B
Xylenes, Total		0.95	J	3.0	ug/L	8260B
Nickel		26.0	J	40.0	ug/L	6010B
Zinc		44.8		30.0	ug/L	6010B
Sodium		85400		5000	ug/L	6010B
Potassium		4800	J	5000	ug/L	6010B
Barium		107	J	200	ug/L	6010B
Calcium		41300		5000	ug/L	6010B
Iron		262		150	ug/L	6010B
Magnesium		27600		5000	ug/L	6010B
Aluminum		621		200	ug/L	6010B
Manganese		1360		15.0	ug/L	6010B
Cobalt		22.4	J	50.0	ug/L	6010B
<i>Dissolved</i>						
Nickel		26.8	J	40.0	ug/L	6010B
Zinc		45.4		30.0	ug/L	6010B
Selenium		6.6	J	10.0	ug/L	6010B
Sodium		89400		5000	ug/L	6010B
Potassium		4970	J	5000	ug/L	6010B
Barium		108	J	200	ug/L	6010B
Calcium		43000		5000	ug/L	6010B
Magnesium		28100		5000	ug/L	6010B
Manganese		1400		15.0	ug/L	6010B
Cobalt		23.6	J	50.0	ug/L	6010B
Mercury		0.53		0.20	ug/L	7470A
460-46192-5	TB-17338-101812-263					
Methylene Chloride		0.97	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Sample Filtration	TAL EDI		FILTRATION
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Sample Filtration	TAL EDI		FILTRATION

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method	Analyst	Analyst ID
SW846 8260B	Tupayachi, Audberto	AT
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Staib, Thomas	TS

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Date Sampled: 10/18/2012 1045

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09407.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1101			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	31		0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.52	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	2.6		0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	5.9		0.10	1.0
Cyclohexane	3.6		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	11		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	3.5		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	1.5		0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	7.9		0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.79	J	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Date Sampled: 10/18/2012 1045

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09407.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1101			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
4-Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Date Sampled: 10/18/2012 1045

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-133510

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e09407.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/25/2012 1101

Final Weight/Volume: 5 mL

Prep Date: 10/25/2012 1101

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Date Sampled: 10/18/2012 1200

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09405.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1015			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.37	J	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.12	J	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	1.5	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.097	J	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Date Sampled: 10/18/2012 1200

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09405.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1015			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene	103		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Date Sampled: 10/18/2012 1200

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-133510

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e09405.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/25/2012 1015

Final Weight/Volume: 5 mL

Prep Date: 10/25/2012 1015

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Date Sampled: 10/18/2012 1350

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09406.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1038			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1038				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.28	J	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.45	J	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.87	J	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	1.3	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Date Sampled: 10/18/2012 1350

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09406.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1038			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1038				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
4-Bromofluorobenzene	105		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Date Sampled: 10/18/2012 1350

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-133510

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e09406.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/25/2012 1038

Final Weight/Volume: 5 mL

Prep Date: 10/25/2012 1038

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Date Sampled: 10/18/2012 1510

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09404.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 0951			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 0951				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.21	J	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.95	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Date Sampled: 10/18/2012 1510

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09404.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 0951			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 0951				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
4-Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Date Sampled: 10/18/2012 1510

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-133510

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e09404.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/25/2012 0951

Final Weight/Volume: 5 mL

Prep Date: 10/25/2012 0951

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: TB-17338-101812-263

Lab Sample ID: 460-46192-5

Date Sampled: 10/18/2012 0000

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09403.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 0928			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 0928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.97	J	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: TB-17338-101812-263

Lab Sample ID: 460-46192-5

Date Sampled: 10/18/2012 0000

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e09403.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 0928			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 0928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
4-Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: TB-17338-101812-263

Lab Sample ID: 460-46192-5

Date Sampled: 10/18/2012 0000

Client Matrix: Water

Date Received: 10/19/2012 1845

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-133510

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e09403.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 10/25/2012 0928

Final Weight/Volume: 5 mL

Prep Date: 10/25/2012 0928

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Date Sampled: 10/18/2012 1045

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1751			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	5.0	U	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	34.7		5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	6.0	J	4.5	10.0
Sodium	238000		821	5000
Potassium	2280	J	525	5000
Barium	903		5.9	200
Calcium	98500		305	5000
Iron	76000		73.6	150
Vanadium	8.8	J	4.0	50.0
Magnesium	125000		321	5000
Aluminum	2890		72.1	200
Manganese	3140		4.3	15.0
Cobalt	4.3	U	4.3	50.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133365	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 2002			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	5.0	U	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	13.1		5.8	10.0
Chromium	4.5	U	4.5	10.0
Potassium	2200	J	525	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Date Sampled: 10/18/2012 1045

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	606		5.9	200
Calcium	104000		305	5000
Iron	36600		73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	131000		321	5000
Aluminum	72.1	U	72.1	200
Manganese	3270		4.3	15.0
Cobalt	4.3	U	4.3	50.0

Analysis Method:	6010B	Analysis Batch:	460-133561	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133365	Lab File ID:	10252012.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/25/2012 1149			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	257000		4100	25000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 2035			Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-133790	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133766	Lab File ID:	133766HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/26/2012 2020			Final Weight/Volume:	30 mL
Prep Date:	10/26/2012 1717				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Date Sampled: 10/18/2012 1200

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1810			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	6.3	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	6.4		3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	35.7		5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	197000		821	5000
Potassium	5050		525	5000
Barium	474		5.9	200
Calcium	29200		305	5000
Iron	37100		73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	56100		321	5000
Aluminum	558		72.1	200
Manganese	5930		4.3	15.0
Cobalt	53.4		4.3	50.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133365	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 2006			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	6.4	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	22.6	J	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	206000		821	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Date Sampled: 10/18/2012 1200

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	5240		525	5000
Barium	433		5.9	200
Calcium	30400		305	5000
Iron	13100		73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	58100		321	5000
Aluminum	72.1	U	72.1	200
Manganese	6020		4.3	15.0
Cobalt	54.9		4.3	50.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 2042			Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-133790	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133766	Lab File ID:	133766HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/26/2012 2021			Final Weight/Volume:	30 mL
Prep Date:	10/26/2012 1717				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Date Sampled: 10/18/2012 1350

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1814			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	19.7	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	95500		821	5000
Potassium	5050		525	5000
Barium	286		5.9	200
Calcium	45700		305	5000
Iron	337		73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	23100		321	5000
Aluminum	321		72.1	200
Manganese	101		4.3	15.0
Cobalt	4.3	U	4.3	50.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133365	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 2010			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	20.9	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	6.6	J	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	101000		821	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Date Sampled: 10/18/2012 1350

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	5330		525	5000
Barium	301		5.9	200
Calcium	48200		305	5000
Iron	73.6	U	73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	23800		321	5000
Aluminum	72.1	U	72.1	200
Manganese	105		4.3	15.0
Cobalt	4.3	U	4.3	50.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 2044			Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-133790	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133766	Lab File ID:	133766HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/26/2012 2023			Final Weight/Volume:	30 mL
Prep Date:	10/26/2012 1717				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Date Sampled: 10/18/2012 1510

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1737			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	26.0	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	44.8		5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	85400		821	5000
Potassium	4800	J	525	5000
Barium	107	J	5.9	200
Calcium	41300		305	5000
Iron	262		73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	27600		321	5000
Aluminum	621		72.1	200
Manganese	1360		4.3	15.0
Cobalt	22.4	J	4.3	50.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-133489	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-133365	Lab File ID:	10242012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1947			Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	26.8	J	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	45.4		5.8	30.0
Selenium	6.6	J	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	89400		821	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Date Sampled: 10/18/2012 1510

Client Matrix: Water

Date Received: 10/19/2012 1845

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Potassium	4970	J	525	5000
Barium	108	J	5.9	200
Calcium	43000		305	5000
Iron	73.6	U	73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	28100		321	5000
Aluminum	72.1	U	72.1	200
Manganese	1400		4.3	15.0
Cobalt	23.6	J	4.3	50.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-133468	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133445	Lab File ID:	133445HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/24/2012 2032			Final Weight/Volume:	30 mL
Prep Date:	10/24/2012 1700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-133790	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-133766	Lab File ID:	133766HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/26/2012 2012			Final Weight/Volume:	30 mL
Prep Date:	10/26/2012 1717				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.53		0.16	0.20

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-46192-1	WG-17338-101812-M W29-MM-250	101	100	102
460-46192-2	WG-17338-101812-M W28-MM-260	96	99	103
460-46192-3	WG-17338-101812-M W35-MM-261	101	101	105
460-46192-4	WG-17338-101812-M W27-MM-262	102	100	101
460-46192-5	TB-17338-101812-26 3	106	100	102
MB 460-133510/4		97	100	100
LCS 460-133510/3		92	100	101
460-46192-4 MS	WG-17338-101812-M W27-MM-262 MS	92	100	97
460-46192-4 MSD	WG-17338-101812-M W27-MM-262 MSD	91	100	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133510

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-133510/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 0905
Prep Date: 10/25/2012 0905
Leach Date: N/A

Analysis Batch: 460-133510
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e09402.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133510

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-133510/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/25/2012 0905
 Prep Date: 10/25/2012 0905
 Leach Date: N/A

Analysis Batch: 460-133510
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e09402.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
4-Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	100	70 - 130

Method Blank TICs- Batch: 460-133510

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Control Sample - Batch: 460-133510

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-133510/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 0740
Prep Date: 10/25/2012 0740
Leach Date: N/A

Analysis Batch: 460-133510
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e09399.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.7	98	74 - 128	
Dichlorodifluoromethane	20.0	16.9	85	46 - 145	
Chloromethane	20.0	18.4	92	58 - 146	
Vinyl chloride	20.0	18.8	94	61 - 144	
Bromomethane	20.0	18.9	94	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	19.0	95	70 - 116	
1,2-Dichlorobenzene	20.0	19.2	96	82 - 122	
Trichlorofluoromethane	20.0	17.2	86	69 - 147	
1,1-Dichloroethene	20.0	19.7	99	56 - 139	
1,2-Dichloropropane	20.0	19.2	96	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.4	92	47 - 139	
Acetone	20.0	19.4	97	45 - 156	
Carbon disulfide	20.0	21.2	106	58 - 139	
Methyl acetate	20.0	18.7	94	50 - 151	
Methylene Chloride	20.0	18.8	94	79 - 119	
trans-1,2-Dichloroethene	20.0	18.6	93	75 - 122	
Chlorodibromomethane	20.0	19.2	96	80 - 120	
Methyl tert-butyl ether	20.0	17.7	89	71 - 115	
Chloroethane	20.0	18.6	93	69 - 145	
1,1-Dichloroethane	20.0	18.8	94	78 - 122	
cis-1,2-Dichloroethene	20.0	19.3	97	80 - 120	
2-Butanone (MEK)	20.0	17.9	89	65 - 114	
Chloroform	20.0	19.3	96	82 - 123	
Ethylbenzene	20.0	19.2	96	79 - 126	
Cyclohexane	20.0	19.1	95	58 - 133	
Carbon tetrachloride	20.0	19.2	96	73 - 120	
Benzene	20.0	19.7	98	83 - 124	
1,2-Dichloroethane	20.0	19.2	96	74 - 118	
Trichloroethene	20.0	20.5	102	78 - 119	
Methylcyclohexane	20.0	19.1	96	61 - 129	
Dichlorobromomethane	20.0	19.5	98	79 - 119	
cis-1,3-Dichloropropene	20.0	18.9	95	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	18.2	91	53 - 120	
Toluene	20.0	19.5	97	80 - 120	
trans-1,3-Dichloropropene	20.0	18.8	94	78 - 118	
1,1,2-Trichloroethane	20.0	19.3	96	79 - 119	
Tetrachloroethene	20.0	19.0	95	68 - 139	
2-Hexanone	20.0	18.4	92	53 - 121	
1,2-Dibromoethane	20.0	18.9	95	78 - 118	
Chlorobenzene	20.0	19.4	97	81 - 121	
Xylenes, Total	60.0	57.4	96	76 - 121	
Styrene	20.0	19.2	96	69 - 112	
Bromoform	20.0	18.9	95	73 - 123	
Isopropylbenzene	20.0	19.0	95	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	74 - 126	
1,3-Dichlorobenzene	20.0	19.2	96	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Control Sample - Batch: 460-133510

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-133510/3	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09399.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 0740	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 0740				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	19.0	95	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.0	95	66 - 120	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	92		70 - 130		
4-Bromofluorobenzene	101		70 - 130		
Toluene-d8 (Surr)	100		70 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-133510**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-46192-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 1321
Prep Date: 10/25/2012 1321
Leach Date: N/A

Analysis Batch: 460-133510
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e09413.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-46192-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 1345
Prep Date: 10/25/2012 1345
Leach Date: N/A

Analysis Batch: 460-133510
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e09414.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	73	120	74 - 128	49	30	F	F
Dichlorodifluoromethane	63	106	46 - 145	51	30		F
Chloromethane	67	112	58 - 146	50	30		F
Vinyl chloride	70	115	61 - 144	49	30		F
Bromomethane	77	118	55 - 153	42	30		F
1,2-Dibromo-3-Chloropropane	71	115	70 - 116	47	30		F
1,2-Dichlorobenzene	74	118	82 - 122	45	30	F	F
Trichlorofluoromethane	97	162	69 - 147	50	30		F
1,1-Dichloroethene	69	107	56 - 139	44	30		F
1,2-Dichloropropane	77	121	80 - 120	45	30	F	F
1,1,2-Trichloro-1,2,2-trifluoroethane	69	115	47 - 139	49	30		F
Acetone	74	103	45 - 156	32	30		F
Carbon disulfide	70	114	58 - 139	47	30		F
Methyl acetate	54	84	50 - 151	42	30		F
Methylene Chloride	74	118	79 - 119	47	30	F	F
trans-1,2-Dichloroethene	67	109	75 - 122	47	30	F	F
Chlorodibromomethane	74	119	80 - 120	46	30	F	F
Methyl tert-butyl ether	68	108	71 - 115	45	30	F	F
Chloroethane	90	138	69 - 145	42	30		F
1,1-Dichloroethane	69	113	78 - 122	48	30	F	F
cis-1,2-Dichloroethene	74	117	80 - 120	45	30	F	F
2-Butanone (MEK)	68	107	65 - 114	45	30		F
Chloroform	73	122	82 - 123	50	30	F	F
Ethylbenzene	74	120	79 - 126	47	30	F	F
Cyclohexane	79	122	58 - 133	43	30		F
Carbon tetrachloride	75	121	73 - 120	47	30		F
Benzene	76	117	83 - 124	42	30	F	F
1,2-Dichloroethane	71	112	74 - 118	44	30	F	F
Trichloroethene	75	119	78 - 119	45	30	F	F
Methylcyclohexane	96	135	61 - 129	33	30		F
Dichlorobromomethane	80	127	79 - 119	45	30		F
cis-1,3-Dichloropropene	73	115	80 - 120	45	30	F	F
4-Methyl-2-pentanone (MIBK)	69	108	53 - 120	44	30		F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-133510

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-46192-4	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09413.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1321			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1321				
Leach Date:	N/A				

MSD Lab Sample ID:	460-46192-4	Analysis Batch:	460-133510	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e09414.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/25/2012 1345			Final Weight/Volume:	5 mL
Prep Date:	10/25/2012 1345				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	74	119	80 - 120	46	30	F	F
trans-1,3-Dichloropropene	73	117	78 - 118	46	30	F	F
1,1,2-Trichloroethane	76	117	79 - 119	42	30	F	F
Tetrachloroethene	75	119	68 - 139	46	30		F
2-Hexanone	67	115	53 - 121	53	30		F
1,2-Dibromoethane	72	115	78 - 118	46	30	F	F
Chlorobenzene	75	121	81 - 121	47	30	F	F
Xylenes, Total	74	119	76 - 121	46	30	F	F
Styrene	75	120	69 - 112	46	30		F
Bromoform	71	116	73 - 123	48	30	F	F
Isopropylbenzene	74	119	80 - 125	47	30	F	F
1,1,2,2-Tetrachloroethane	70	116	74 - 126	49	30	F	F
1,3-Dichlorobenzene	75	120	81 - 126	46	30	F	F
1,4-Dichlorobenzene	74	120	83 - 123	47	30	F	F
1,2,4-Trichlorobenzene	68	106	66 - 120	44	30		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	91	70 - 130
4-Bromofluorobenzene	97	101	70 - 130
Toluene-d8 (Surr)	100	100	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-133510

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-46192-4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 1321
Prep Date: 10/25/2012 1321
Leach Date: N/A

MSD Lab Sample ID: 460-46192-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 1345
Prep Date: 10/25/2012 1345
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	0.060	U	20.0	20.0	14.6	F	24.0	F
Dichlorodifluoromethane	0.22	U	20.0	20.0	12.7		21.2	F
Chloromethane	0.10	U	20.0	20.0	13.4		22.3	F
Vinyl chloride	0.14	U	20.0	20.0	14.0		23.1	F
Bromomethane	0.18	U	20.0	20.0	15.3		23.6	F
1,2-Dibromo-3-Chloropropane	0.40	U	20.0	20.0	14.2		22.9	F
1,2-Dichlorobenzene	0.21	U	20.0	20.0	14.9	F	23.6	F
Trichlorofluoromethane	0.15	U	20.0	20.0	19.5		32.4	F
1,1-Dichloroethene	0.090	U	20.0	20.0	13.7		21.5	F
1,2-Dichloropropane	0.090	U	20.0	20.0	15.3	F	24.2	F
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	20.0	20.0	13.9		22.9	F
Acetone	2.7	U	20.0	20.0	14.8		20.5	F
Carbon disulfide	0.13	U	20.0	20.0	14.1		22.8	F
Methyl acetate	0.34	U	20.0	20.0	10.9		16.7	F
Methylene Chloride	0.18	U	20.0	20.0	14.7	F	23.7	F
trans-1,2-Dichloroethene	0.13	U	20.0	20.0	13.5	F	21.7	F
Chlorodibromomethane	0.20	U	20.0	20.0	14.9	F	23.8	F
Methyl tert-butyl ether	0.14	U	20.0	20.0	13.7	F	21.5	F
Chloroethane	0.17	U	20.0	20.0	18.0		27.5	F
1,1-Dichloroethane	0.13	U	20.0	20.0	13.8	F	22.6	F
cis-1,2-Dichloroethene	0.18	U	20.0	20.0	14.9	F	23.4	F
2-Butanone (MEK)	2.3	U	20.0	20.0	13.6		21.4	F
Chloroform	0.080	U	20.0	20.0	14.7	F	24.4	F
Ethylbenzene	0.21	J	20.0	20.0	15.1	F	24.3	F
Cyclohexane	0.16	U	20.0	20.0	15.8		24.5	F
Carbon tetrachloride	0.060	U	20.0	20.0	14.9		24.2	F
Benzene	0.080	U	20.0	20.0	15.2	F	23.4	F
1,2-Dichloroethane	0.19	U	20.0	20.0	14.3	F	22.5	F
Trichloroethene	0.090	U	20.0	20.0	15.0	F	23.9	F
Methylcyclohexane	0.14	U	20.0	20.0	19.2		26.9	F
Dichlorobromomethane	0.12	U	20.0	20.0	16.0		25.3	F
cis-1,3-Dichloropropene	0.18	U	20.0	20.0	14.6	F	23.0	F
4-Methyl-2-pentanone (MIBK)	0.99	U	20.0	20.0	13.9		21.6	F
Toluene	0.15	U	20.0	20.0	14.9	F	23.8	F
trans-1,3-Dichloropropene	0.24	U	20.0	20.0	14.6	F	23.3	F
1,1,2-Trichloroethane	0.19	U	20.0	20.0	15.3	F	23.3	F
Tetrachloroethene	0.10	U	20.0	20.0	14.9		23.8	F
2-Hexanone	0.50	U	20.0	20.0	13.4		23.0	F
1,2-Dibromoethane	0.28	U	20.0	20.0	14.4	F	23.0	F
Chlorobenzene	0.11	U	20.0	20.0	15.1	F	24.3	F
Xylenes, Total	0.95	J	60.0	60.0	45.4	F	72.6	F
Styrene	0.12	U	20.0	20.0	15.0		24.0	F
Bromoform	0.19	U	20.0	20.0	14.2	F	23.2	F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-133510**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-46192-4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 1321
Prep Date: 10/25/2012 1321
Leach Date: N/A

MSD Lab Sample ID: 460-46192-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2012 1345
Prep Date: 10/25/2012 1345
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Isopropylbenzene	0.080	U	20.0	20.0	14.7	F	23.8	F
1,1,2,2-Tetrachloroethane	0.16	U	20.0	20.0	14.0	F	23.2	F
1,3-Dichlorobenzene	0.14	U	20.0	20.0	15.0	F	24.0	F
1,4-Dichlorobenzene	0.23	U	20.0	20.0	14.9	F	24.0	F
1,2,4-Trichlorobenzene	0.34	U	20.0	20.0	13.6		21.1	F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133330

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-133330/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/24/2012 1806
Prep Date: 10/24/2012 0759
Leach Date: N/A

Analysis Batch: 460-133489
Prep Batch: 460-133330
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10242012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	5.0	U	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	821	U	821	5000
Potassium	525	U	525	5000
Barium	5.9	U	5.9	200
Calcium	305	U	305	5000
Iron	73.6	U	73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	321	U	321	5000
Aluminum	72.1	U	72.1	200
Manganese	4.3	U	4.3	15.0
Cobalt	4.3	U	4.3	50.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Control Sample - Batch: 460-133330

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-133330/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/24/2012 1755
Prep Date: 10/24/2012 0759
Leach Date: N/A

Analysis Batch: 460-133489
Prep Batch: 460-133330
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 10242012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	50.0	50.83	102	80 - 120	
Antimony	500	461.0	92	80 - 120	
Beryllium	50.0	49.41	99	80 - 120	
Thallium	2000	2163	108	80 - 120	
Nickel	500	517.0	103	80 - 120	
Silver	50.0	45.95	92	80 - 120	
Arsenic	2000	1894	95	80 - 120	
Copper	250	241.6	97	80 - 120	
Lead	500	515.2	103	80 - 120	
Zinc	500	498.7	100	80 - 120	
Selenium	2000	1863	93	80 - 120	
Chromium	200	201.2	101	80 - 120	
Sodium	20000	20050	100	80 - 120	
Potassium	20000	19390	97	80 - 120	
Barium	2000	2071	104	80 - 120	
Calcium	20000	21120	106	80 - 120	
Iron	1000	1024	102	80 - 120	
Vanadium	500	492.5	99	80 - 120	
Magnesium	20000	19810	99	80 - 120	
Aluminum	2000	1926	96	80 - 120	
Manganese	500	519.6	104	80 - 120	
Cobalt	500	506.2	101	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Matrix Spike - Batch: 460-133330

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133489	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1744	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	51.29	103	75 - 125	
Antimony	7.4	U	500	474.4	95	75 - 125	
Beryllium	0.78	U	50.0	50.32	101	75 - 125	
Thallium	5.2	U	2000	2089	104	75 - 125	
Nickel	26.0	J	500	533.7	102	75 - 125	
Silver	1.3	U	50.0	47.63	95	75 - 125	
Arsenic	3.7	U	2000	1959	98	75 - 125	
Copper	7.8	U	250	244.9	98	75 - 125	
Lead	4.0	U	500	509.3	102	75 - 125	
Zinc	44.8		500	544.8	100	75 - 125	
Selenium	5.8	U	2000	1916	96	75 - 125	
Chromium	4.5	U	200	203.7	102	75 - 125	
Sodium	85400		20000	105200	99	75 - 125	4
Potassium	4800	J	20000	24450	98	75 - 125	
Barium	107	J	2000	2181	104	75 - 125	
Calcium	41300		20000	62270	105	75 - 125	
Iron	262		1000	1283	102	75 - 125	
Vanadium	4.0	U	500	500.2	100	75 - 125	
Magnesium	27600		20000	47660	101	75 - 125	
Aluminum	621		2000	2865	112	75 - 125	
Manganese	1360		500	1867	102	75 - 125	
Cobalt	22.4	J	500	524.2	100	75 - 125	

Post Digestion Spike - Batch: 460-133330

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133489	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1748	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	48.27	97	75 - 125	
Antimony	7.4	U	500	446.4	89	75 - 125	
Beryllium	0.78	U	50.0	47.60	95	75 - 125	
Thallium	5.2	U	2000	1983	99	75 - 125	
Nickel	26.0	J	500	504.4	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Post Digestion Spike - Batch: 460-133330

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133489	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1748	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.3	U	50.0	44.33	89	75 - 125	
Arsenic	3.7	U	2000	1850	93	75 - 125	
Copper	7.8	U	250	229.6	92	75 - 125	
Lead	4.0	U	500	477.8	96	75 - 125	
Zinc	44.8		500	513.3	94	75 - 125	
Selenium	5.8	U	2000	1806	90	75 - 125	
Chromium	4.5	U	200	190.3	95	75 - 125	
Sodium	85400		20000	102100	84	75 - 125	
Potassium	4800	J	20000	23240	92	75 - 125	
Barium	107	J	2000	2061	98	75 - 125	
Calcium	41300		20000	60260	95	75 - 125	
Iron	262		1000	1215	95	75 - 125	
Vanadium	4.0	U	500	470.3	94	75 - 125	
Magnesium	27600		20000	45590	90	75 - 125	
Aluminum	621		2000	2458	92	75 - 125	
Manganese	1360		500	1797	88	75 - 125	
Cobalt	22.4	J	500	495.3	95	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Duplicate - Batch: 460-133330

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133489	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1733	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.82	U	0.82	NC	20	U
Antimony	7.4	U	7.4	NC	20	U
Beryllium	0.78	U	0.78	NC	20	U
Thallium	5.2	U	5.2	NC	20	U
Nickel	26.0	J	25.84	0.4	20	J
Silver	1.3	U	1.3	NC	20	U
Arsenic	3.7	U	3.7	NC	20	U
Copper	7.8	U	7.8	NC	20	U
Lead	4.0	U	4.0	NC	20	U
Zinc	44.8		45.15	0.8	20	
Selenium	5.8	U	5.8	NC	20	U
Chromium	4.5	U	4.5	NC	20	U
Sodium	85400		86180	0.9	20	
Potassium	4800	J	4821	0.4	20	J
Barium	107	J	107.5	0.7	20	J
Calcium	41300		41720	1	20	
Iron	262		254.5	3	20	
Vanadium	4.0	U	4.0	NC	20	U
Magnesium	27600		28030	2	20	
Aluminum	621		624.7	0.7	20	
Manganese	1360		1376	1	20	
Cobalt	22.4	J	23.26	4	20	J

Serial Dilution - Batch: 460-133330

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133489	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-133330	Lab File ID:	10242012A.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1740	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0759				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cadmium	0.82	U	4.1	NC	10	U
Antimony	7.4	U	36.8	NC	10	U
Beryllium	0.78	U	3.9	NC	10	U
Thallium	5.2	U	26.2	NC	10	U
Nickel	26.0	J	28.12	NC	10	J
Silver	1.3	U	6.7	NC	10	U
Arsenic	3.7	U	18.6	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Serial Dilution - Batch: 460-133330

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-46192-4

Analysis Batch: 460-133489

Instrument ID: ICP5

Client Matrix: Water

Prep Batch: 460-133330

Lab File ID: 10242012A.asc

Dilution: 5.0

Leach Batch: N/A

Initial Weight/Volume: 100 mL

Analysis Date: 10/24/2012 1740

Units: ug/L

Final Weight/Volume: 100 mL

Prep Date: 10/24/2012 0759

Leach Date: N/A

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Copper	7.8	U	39.2	NC	10	U
Lead	4.0	U	20.1	NC	10	U
Zinc	44.8		46.75	NC	10	J
Selenium	5.8	U	28.8	NC	10	U
Chromium	4.5	U	22.3	NC	10	U
Sodium	85400		84800	0.69	10	
Potassium	4800	J	4798	NC	10	J
Barium	107	J	106.4	NC	10	J
Calcium	41300		41030	0.56	10	
Iron	262		368	NC	10	U
Vanadium	4.0	U	20.2	NC	10	U
Magnesium	27600		27590	0.09	10	
Aluminum	621		621.0	NC	10	J
Manganese	1360		1377	1.5	10	
Cobalt	22.4	J	22.70	NC	10	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133365

Lab Sample ID: MB 460-133340/1-B
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/24/2012 1936
Prep Date: 10/24/2012 0957
Leach Date: N/A

Analysis Batch: 460-133489
Prep Batch: 460-133365
Leach Batch: N/A
Units: ug/L

Method: 6010B Preparation: 3010A Dissolved

Instrument ID: ICP5
Lab File ID: 10242012A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Cadmium	0.82	U	0.82	5.0
Antimony	7.4	U	7.4	10.0
Beryllium	0.78	U	0.78	2.0
Thallium	5.2	U	5.2	10.0
Nickel	5.0	U	5.0	40.0
Silver	1.3	U	1.3	10.0
Arsenic	3.7	U	3.7	5.0
Copper	7.8	U	7.8	25.0
Lead	4.0	U	4.0	5.0
Zinc	5.8	U	5.8	30.0
Selenium	5.8	U	5.8	10.0
Chromium	4.5	U	4.5	10.0
Sodium	821	U	821	5000
Potassium	525	U	525	5000
Barium	5.9	U	5.9	200
Calcium	305	U	305	5000
Iron	73.6	U	73.6	150
Vanadium	4.0	U	4.0	50.0
Magnesium	321	U	321	5000
Aluminum	72.1	U	72.1	200
Manganese	4.3	U	4.3	15.0
Cobalt	4.3	U	4.3	50.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Control Sample - Batch: 460-133365

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-133365/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/24/2012 1940
 Prep Date: 10/24/2012 0957
 Leach Date: N/A

Analysis Batch: 460-133489
 Prep Batch: 460-133365
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP5
 Lab File ID: 10242012A.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	50.0	51.79	104	80 - 120	
Antimony	500	482.6	97	80 - 120	
Beryllium	50.0	49.96	100	80 - 120	
Thallium	2000	2233	112	80 - 120	
Nickel	500	526.8	105	80 - 120	
Silver	50.0	46.73	93	80 - 120	
Arsenic	2000	1953	98	80 - 120	
Copper	250	245.7	98	80 - 120	
Lead	500	527.5	106	80 - 120	
Zinc	500	498.2	100	80 - 120	
Selenium	2000	1940	97	80 - 120	
Chromium	200	202.6	101	80 - 120	
Sodium	20000	20760	104	80 - 120	
Potassium	20000	19950	100	80 - 120	
Barium	2000	2132	107	80 - 120	
Calcium	20000	21650	108	80 - 120	
Iron	1000	1017	102	80 - 120	
Vanadium	500	501.4	100	80 - 120	
Magnesium	20000	19810	99	80 - 120	
Aluminum	2000	1963	98	80 - 120	
Manganese	500	523.8	105	80 - 120	
Cobalt	500	520.2	104	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Matrix Spike - Batch: 460-133365

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID: 460-46192-4	Analysis Batch: 460-133489	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-133365	Lab File ID: 10242012A.asc
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 10/24/2012 1955	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 10/24/2012 0957		
Leach Date: N/A		

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	52.36	105	75 - 125	
Antimony	7.4	U	500	499.2	100	75 - 125	
Beryllium	0.78	U	50.0	50.64	101	75 - 125	
Thallium	5.2	U	2000	2162	108	75 - 125	
Nickel	26.8	J	500	546.0	104	75 - 125	
Silver	1.3	U	50.0	48.30	97	75 - 125	
Arsenic	3.7	U	2000	2023	101	75 - 125	
Copper	7.8	U	250	249.3	100	75 - 125	
Lead	4.0	U	500	518.6	104	75 - 125	
Zinc	45.4		500	544.7	100	75 - 125	
Selenium	6.6	J	2000	2007	100	75 - 125	
Chromium	4.5	U	200	203.2	102	75 - 125	
Sodium	89400		20000	113700	122	75 - 125	4
Potassium	4970	J	20000	25470	103	75 - 125	
Barium	108	J	2000	2242	107	75 - 125	
Calcium	43000		20000	66460	117	75 - 125	
Iron	73.6	U	1000	1039	104	75 - 125	
Vanadium	4.0	U	500	507.1	101	75 - 125	
Magnesium	28100		20000	49300	106	75 - 125	
Aluminum	72.1	U	2000	1995	100	75 - 125	
Manganese	1400		500	1969	113	75 - 125	
Cobalt	23.6	J	500	540.8	103	75 - 125	

Post Digestion Spike - Batch: 460-133365

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID: 460-46192-4	Analysis Batch: 460-133489	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-133365	Lab File ID: 10242012A.asc
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 10/24/2012 1958	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 10/24/2012 0957		
Leach Date: N/A		

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	48.76	98	75 - 125	
Antimony	7.4	U	500	460.7	92	75 - 125	
Beryllium	0.78	U	50.0	46.97	94	75 - 125	
Thallium	5.2	U	2000	2033	102	75 - 125	
Nickel	26.8	J	500	508.8	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Post Digestion Spike - Batch: 460-133365

Method: 6010B

Preparation: 3010A

Dissolved

Lab Sample ID: 460-46192-4

Analysis Batch: 460-133489

Instrument ID: ICP5

Client Matrix: Water

Prep Batch: 460-133365

Lab File ID: 10242012A.asc

Dilution: 1.0

Leach Batch: N/A

Initial Weight/Volume: 100 mL

Analysis Date: 10/24/2012 1958

Units: ug/L

Final Weight/Volume: 100 mL

Prep Date: 10/24/2012 0957

Leach Date: N/A

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.3	U	50.0	45.22	90	75 - 125	
Arsenic	3.7	U	2000	1885	94	75 - 125	
Copper	7.8	U	250	230.7	92	75 - 125	
Lead	4.0	U	500	485.5	97	75 - 125	
Zinc	45.4		500	510.8	93	75 - 125	
Selenium	6.6	J	2000	1875	93	75 - 125	
Chromium	4.5	U	200	190.1	95	75 - 125	
Sodium	89400		20000	106700	87	75 - 125	
Potassium	4970	J	20000	23780	94	75 - 125	
Barium	108	J	2000	2095	99	75 - 125	
Calcium	43000		20000	62160	96	75 - 125	
Iron	73.6	U	1000	968.7	97	75 - 125	
Vanadium	4.0	U	500	473.6	95	75 - 125	
Magnesium	28100		20000	46270	91	75 - 125	
Aluminum	72.1	U	2000	1862	93	75 - 125	
Manganese	1400		500	1852	90	75 - 125	
Cobalt	23.6	J	500	503.7	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Duplicate - Batch: 460-133365

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID: 460-46192-4	Analysis Batch: 460-133489	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-133365	Lab File ID: 10242012A.asc
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 10/24/2012 1944	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 10/24/2012 0957		
Leach Date: N/A		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.82	U	0.82	NC	20	U
Antimony	7.4	U	7.4	NC	20	U
Beryllium	0.78	U	0.78	NC	20	U
Thallium	5.2	U	5.2	NC	20	U
Nickel	26.8	J	25.69	4	20	J
Silver	1.3	U	1.3	NC	20	U
Arsenic	3.7	U	3.7	NC	20	U
Copper	7.8	U	7.8	NC	20	U
Lead	4.0	U	4.0	NC	20	U
Zinc	45.4		45.63	0.4	20	
Selenium	6.6	J	10.63	47	20	
Chromium	4.5	U	4.5	NC	20	U
Sodium	89400		91250	2	20	
Potassium	4970	J	5081	2	20	
Barium	108	J	110.0	2	20	J
Calcium	43000		43750	2	20	
Iron	73.6	U	73.6	NC	20	U
Vanadium	4.0	U	4.0	NC	20	U
Magnesium	28100		28640	2	20	
Aluminum	72.1	U	72.1	NC	20	U
Manganese	1400		1430	2	20	
Cobalt	23.6	J	23.83	0.8	20	J

Serial Dilution - Batch: 460-133365

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID: 460-46192-4	Analysis Batch: 460-133489	Instrument ID: ICP5
Client Matrix: Water	Prep Batch: 460-133365	Lab File ID: 10242012A.asc
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 100 mL
Analysis Date: 10/24/2012 1951	Units: ug/L	Final Weight/Volume: 100 mL
Prep Date: 10/24/2012 0957		
Leach Date: N/A		

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cadmium	0.82	U	4.1	NC	10	U
Antimony	7.4	U	36.8	NC	10	U
Beryllium	0.78	U	3.9	NC	10	U
Thallium	5.2	U	26.2	NC	10	U
Nickel	26.8	J	25.89	NC	10	J
Silver	1.3	U	6.7	NC	10	U
Arsenic	3.7	U	18.6	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Serial Dilution - Batch: 460-133365

Method: 6010B Preparation: 3010A Dissolved

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133489	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-133365	Lab File ID:	10242012A.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	10/24/2012 1951	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	10/24/2012 0957				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Copper	7.8	U	39.2	NC	10	U
Lead	4.0	U	20.1	NC	10	U
Zinc	45.4		47.06	NC	10	J
Selenium	6.6	J	28.8	NC	10	U
Chromium	4.5	U	22.3	NC	10	U
Sodium	89400		89400	0.01	10	
Potassium	4970	J	5020	NC	10	J
Barium	108	J	107.5	NC	10	J
Calcium	43000		42700	0.67	10	
Iron	73.6	U	368	NC	10	U
Vanadium	4.0	U	20.2	NC	10	U
Magnesium	28100		28320	0.78	10	
Aluminum	72.1	U	361	NC	10	U
Manganese	1400		1435	2.3	10	
Cobalt	23.6	J	23.51	NC	10	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133263

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-133263/11-A	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 1954	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-133263

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-133263/12-A	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 1956	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.00	2.01	101	80 - 120	

Matrix Spike - Batch: 460-133263

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-46246-I-1-F MS	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 2003	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16 U	2.00	1.97	99	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Duplicate - Batch: 460-133263

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-46246-I-1-E DU	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 2001	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.16 U	0.16	NC	20	U

Serial Dilution - Batch: 460-133263

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-46246-I-1-D SD ^5	Analysis Batch:	460-133302	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133263	Lab File ID:	133263HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/23/2012 2052	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/23/2012 1650				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.16 U	0.80	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-133445/11-A	Analysis Batch:	460-133468	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133445	Lab File ID:	133445HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/24/2012 2028	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/24/2012 1700				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-133445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-133445/12-A	Analysis Batch:	460-133468	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133445	Lab File ID:	133445HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/24/2012 2030	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/24/2012 1700				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.07	107	80 - 120	

Matrix Spike - Batch: 460-133445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133468	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133445	Lab File ID:	133445HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/24/2012 2036	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/24/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16 U	1.00	1.03	103	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Duplicate - Batch: 460-133445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133468	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133445	Lab File ID:	133445HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/24/2012 2034	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/24/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.16 U	0.16	NC	20	U

Serial Dilution - Batch: 460-133445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133468	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133445	Lab File ID:	133445HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/24/2012 2126	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/24/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.16 U	0.80	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Method Blank - Batch: 460-133766

Lab Sample ID: MB 460-133760/1-B
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/26/2012 2008
Prep Date: 10/26/2012 1717
Leach Date: N/A

Analysis Batch: 460-133790
Prep Batch: 460-133766
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A Dissolved

Instrument ID: LEEMAN5
Lab File ID: 133766HG1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-133766

Lab Sample ID: LCS 460-133766/12-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/26/2012 2010
Prep Date: 10/26/2012 1717
Leach Date: N/A

Analysis Batch: 460-133790
Prep Batch: 460-133766
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A

Instrument ID: LEEMAN5
Lab File ID: 133766HG1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.997	100	80 - 120	

Matrix Spike - Batch: 460-133766

Lab Sample ID: 460-46192-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/26/2012 2018
Prep Date: 10/26/2012 1717
Leach Date: N/A

Analysis Batch: 460-133790
Prep Batch: 460-133766
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A Dissolved

Instrument ID: LEEMAN5
Lab File ID: 133766HG1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.53	1.00	1.49	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Duplicate - Batch: 460-133766

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133790	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133766	Lab File ID:	133766HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/26/2012 2014	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/26/2012 1717				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.53	0.532	0	20	

Serial Dilution - Batch: 460-133766

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-46192-4	Analysis Batch:	460-133790	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-133766	Lab File ID:	133766HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	10/26/2012 2107	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	10/26/2012 1717				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.53	0.80	NC	10	U

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-133510					
LCS 460-133510/3	Lab Control Sample	T	Water	8260B	
MB 460-133510/4	Method Blank	T	Water	8260B	
460-46192-1	WG-17338-101812-MW29-MM-250	T	Water	8260B	
460-46192-2	WG-17338-101812-MW28-MM-260	T	Water	8260B	
460-46192-3	WG-17338-101812-MW35-MM-261	T	Water	8260B	
460-46192-4	WG-17338-101812-MW27-MM-262	T	Water	8260B	
460-46192-4MS	Matrix Spike	T	Water	8260B	
460-46192-4MSD	Matrix Spike Duplicate	T	Water	8260B	
460-46192-5	TB-17338-101812-263	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-133263					
LCS 460-133263/12-A	Lab Control Sample	T	Water	7470A	
MB 460-133263/11-A	Method Blank	T	Water	7470A	
460-46192-1	WG-17338-101812-MW29-MM-250	T	Water	7470A	
460-46192-2	WG-17338-101812-MW28-MM-260	T	Water	7470A	
460-46192-3	WG-17338-101812-MW35-MM-261	T	Water	7470A	
460-46246-I-1-E DU	Duplicate	T	Water	7470A	
460-46246-I-1-F MS	Matrix Spike	T	Water	7470A	
Analysis Batch: 460-133302					
LCS 460-133263/12-A	Lab Control Sample	T	Water	7470A	460-133263
MB 460-133263/11-A	Method Blank	T	Water	7470A	460-133263
460-46192-1	WG-17338-101812-MW29-MM-250	T	Water	7470A	460-133263
460-46192-2	WG-17338-101812-MW28-MM-260	T	Water	7470A	460-133263
460-46192-3	WG-17338-101812-MW35-MM-261	T	Water	7470A	460-133263
460-46246-I-1-E DU	Duplicate	T	Water	7470A	460-133263
460-46246-I-1-F MS	Matrix Spike	T	Water	7470A	460-133263
Prep Batch: 460-133330					
LCS 460-133330/2-A	Lab Control Sample	T	Water	3010A	
MB 460-133330/1-A	Method Blank	T	Water	3010A	
460-46192-1	WG-17338-101812-MW29-MM-250	T	Water	3010A	
460-46192-2	WG-17338-101812-MW28-MM-260	T	Water	3010A	
460-46192-3	WG-17338-101812-MW35-MM-261	T	Water	3010A	
460-46192-4	WG-17338-101812-MW27-MM-262	T	Water	3010A	
460-46192-4DU	Duplicate	T	Water	3010A	
460-46192-4MS	Matrix Spike	T	Water	3010A	
Prep Batch: 460-133365					
LCS 460-133365/2-A	Lab Control Sample	T	Water	3010A	
MB 460-133340/1-B	Method Blank	D	Water	3010A	
460-46192-1	WG-17338-101812-MW29-MM-250	D	Water	3010A	
460-46192-2	WG-17338-101812-MW28-MM-260	D	Water	3010A	
460-46192-3	WG-17338-101812-MW35-MM-261	D	Water	3010A	
460-46192-4	WG-17338-101812-MW27-MM-262	D	Water	3010A	
460-46192-4DU	Duplicate	D	Water	3010A	
460-46192-4MS	Matrix Spike	D	Water	3010A	
Prep Batch: 460-133445					
LCS 460-133445/12-A	Lab Control Sample	T	Water	7470A	
MB 460-133445/11-A	Method Blank	T	Water	7470A	
460-46192-4	WG-17338-101812-MW27-MM-262	T	Water	7470A	
460-46192-4DU	Duplicate	T	Water	7470A	
460-46192-4MS	Matrix Spike	T	Water	7470A	

TestAmerica Edison

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-133468					
LCS 460-133445/12-A	Lab Control Sample	T	Water	7470A	460-133445
MB 460-133445/11-A	Method Blank	T	Water	7470A	460-133445
460-46192-4	WG-17338-101812-MW27-MM-262	T	Water	7470A	460-133445
460-46192-4DU	Duplicate	T	Water	7470A	460-133445
460-46192-4MS	Matrix Spike	T	Water	7470A	460-133445
Analysis Batch:460-133489					
LCS 460-133330/2-A	Lab Control Sample	T	Water	6010B	460-133330
MB 460-133330/1-A	Method Blank	T	Water	6010B	460-133330
LCS 460-133365/2-A	Lab Control Sample	T	Water	6010B	460-133365
MB 460-133340/1-B	Method Blank	D	Water	6010B	460-133365
460-46192-1	WG-17338-101812-MW29-MM-250	T	Water	6010B	460-133330
460-46192-1	WG-17338-101812-MW29-MM-250	D	Water	6010B	460-133365
460-46192-2	WG-17338-101812-MW28-MM-260	T	Water	6010B	460-133330
460-46192-2	WG-17338-101812-MW28-MM-260	D	Water	6010B	460-133365
460-46192-3	WG-17338-101812-MW35-MM-261	T	Water	6010B	460-133330
460-46192-3	WG-17338-101812-MW35-MM-261	D	Water	6010B	460-133365
460-46192-4	WG-17338-101812-MW27-MM-262	T	Water	6010B	460-133330
460-46192-4DU	Duplicate	T	Water	6010B	460-133330
460-46192-4MS	Matrix Spike	T	Water	6010B	460-133330
460-46192-4	WG-17338-101812-MW27-MM-262	D	Water	6010B	460-133365
460-46192-4DU	Duplicate	D	Water	6010B	460-133365
460-46192-4MS	Matrix Spike	D	Water	6010B	460-133365
Analysis Batch:460-133561					
460-46192-1	WG-17338-101812-MW29-MM-250	D	Water	6010B	460-133365
Prep Batch: 460-133766					
LCS 460-133766/12-A	Lab Control Sample	T	Water	7470A	
MB 460-133760/1-B	Method Blank	D	Water	7470A	
460-46192-1	WG-17338-101812-MW29-MM-250	D	Water	7470A	
460-46192-2	WG-17338-101812-MW28-MM-260	D	Water	7470A	
460-46192-3	WG-17338-101812-MW35-MM-261	D	Water	7470A	
460-46192-4	WG-17338-101812-MW27-MM-262	D	Water	7470A	
460-46192-4DU	Duplicate	D	Water	7470A	
460-46192-4MS	Matrix Spike	D	Water	7470A	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-133790					
LCS 460-133766/12-A	Lab Control Sample	T	Water	7470A	460-133766
MB 460-133760/1-B	Method Blank	D	Water	7470A	460-133766
460-46192-1	WG-17338-101812-MW29-MM-250	D	Water	7470A	460-133766
460-46192-2	WG-17338-101812-MW28-MM-260	D	Water	7470A	460-133766
460-46192-3	WG-17338-101812-MW35-MM-261	D	Water	7470A	460-133766
460-46192-4	WG-17338-101812-MW27-MM-262	D	Water	7470A	460-133766
460-46192-4DU	Duplicate	D	Water	7470A	460-133766
460-46192-4MS	Matrix Spike	D	Water	7470A	460-133766

Report Basis

D = Dissolved

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Laboratory Chronicle

Lab ID: 460-46192-1

Client ID: WG-17338-101812-MW29-MM-250

Sample Date/Time: 10/18/2012 10:45

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-1		460-133510		10/25/2012 11:01	1	TAL EDI	AT
A:8260B	460-46192-A-1		460-133510		10/25/2012 11:01	1	TAL EDI	AT
P:3010A	460-46192-D-1-B		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-1-B		460-133489	460-133330	10/24/2012 17:51	1	TAL EDI	CDC
P:3010A	460-46192-E-1-B		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-1-B		460-133489	460-133365	10/24/2012 20:02	1	TAL EDI	CDC
P:3010A	460-46192-E-1-B ^5		460-133561	460-133365	10/24/2012 09:57	5	TAL EDI	MC
A:6010B	460-46192-E-1-B ^5		460-133561	460-133365	10/25/2012 11:49	5	TAL EDI	CDC
P:7470A	460-46192-D-1-A		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	460-46192-D-1-A		460-133302	460-133263	10/23/2012 20:35	1	TAL EDI	TS
P:7470A	460-46192-E-1-D		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	460-46192-E-1-D		460-133790	460-133766	10/26/2012 20:20	1	TAL EDI	TS

Lab ID: 460-46192-2

Client ID: WG-17338-101812-MW28-MM-260

Sample Date/Time: 10/18/2012 12:00

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-2		460-133510		10/25/2012 10:15	1	TAL EDI	AT
A:8260B	460-46192-A-2		460-133510		10/25/2012 10:15	1	TAL EDI	AT
P:3010A	460-46192-D-2-B		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-2-B		460-133489	460-133330	10/24/2012 18:10	1	TAL EDI	CDC
P:3010A	460-46192-E-2-B		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-2-B		460-133489	460-133365	10/24/2012 20:06	1	TAL EDI	CDC
P:7470A	460-46192-D-2-A		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	460-46192-D-2-A		460-133302	460-133263	10/23/2012 20:42	1	TAL EDI	TS
P:7470A	460-46192-E-2-D		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	460-46192-E-2-D		460-133790	460-133766	10/26/2012 20:21	1	TAL EDI	TS

Lab ID: 460-46192-3

Client ID: WG-17338-101812-MW35-MM-261

Sample Date/Time: 10/18/2012 13:50

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-3		460-133510		10/25/2012 10:38	1	TAL EDI	AT
A:8260B	460-46192-A-3		460-133510		10/25/2012 10:38	1	TAL EDI	AT
P:3010A	460-46192-D-3-B		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-3-B		460-133489	460-133330	10/24/2012 18:14	1	TAL EDI	CDC
P:3010A	460-46192-E-3-B		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-3-B		460-133489	460-133365	10/24/2012 20:10	1	TAL EDI	CDC
P:7470A	460-46192-D-3-A		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	460-46192-D-3-A		460-133302	460-133263	10/23/2012 20:44	1	TAL EDI	TS
P:7470A	460-46192-E-3-D		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	460-46192-E-3-D		460-133790	460-133766	10/26/2012 20:23	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Laboratory Chronicle

Lab ID: 460-46192-4

Client ID: WG-17338-101812-MW27-MM-262

Sample Date/Time: 10/18/2012 15:10

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-4		460-133510		10/25/2012 09:51	1	TAL EDI	AT
A:8260B	460-46192-A-4		460-133510		10/25/2012 09:51	1	TAL EDI	AT
P:3010A	460-46192-D-4-A		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-4-A		460-133489	460-133330	10/24/2012 17:37	1	TAL EDI	CDC
P:3010A	460-46192-E-4-D		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-4-D		460-133489	460-133365	10/24/2012 19:47	1	TAL EDI	CDC
P:7470A	460-46192-D-4-D		460-133468	460-133445	10/24/2012 17:00	1	TAL EDI	TS
A:7470A	460-46192-D-4-D		460-133468	460-133445	10/24/2012 20:32	1	TAL EDI	TS
P:7470A	460-46192-E-4-J		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	460-46192-E-4-J		460-133790	460-133766	10/26/2012 20:12	1	TAL EDI	TS

Lab ID: 460-46192-4

Client ID: WG-17338-101812-MW27-MM-262

Sample Date/Time: 10/18/2012 15:10

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-4 MS		460-133510		10/25/2012 13:21	1	TAL EDI	AT
A:8260B	460-46192-A-4 MS		460-133510		10/25/2012 13:21	1	TAL EDI	AT
P:3010A	460-46192-D-4-C MS		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-4-C MS		460-133489	460-133330	10/24/2012 17:44	1	TAL EDI	CDC
P:3010A	460-46192-E-4-F MS		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-4-F MS		460-133489	460-133365	10/24/2012 19:55	1	TAL EDI	CDC
P:7470A	460-46192-D-4-F MS		460-133468	460-133445	10/24/2012 17:00	1	TAL EDI	TS
A:7470A	460-46192-D-4-F MS		460-133468	460-133445	10/24/2012 20:36	1	TAL EDI	TS
P:7470A	460-46192-E-4-L MS		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	460-46192-E-4-L MS		460-133790	460-133766	10/26/2012 20:18	1	TAL EDI	TS

Lab ID: 460-46192-4

Client ID: WG-17338-101812-MW27-MM-262

Sample Date/Time: 10/18/2012 15:10

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-4 MSD		460-133510		10/25/2012 13:45	1	TAL EDI	AT
A:8260B	460-46192-A-4 MSD		460-133510		10/25/2012 13:45	1	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Laboratory Chronicle

Lab ID: 460-46192-4

Client ID: WG-17338-101812-MW27-MM-262

Sample Date/Time: 10/18/2012 15:10

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-46192-D-4-B DU		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-4-B DU		460-133489	460-133330	10/24/2012 17:33	1	TAL EDI	CDC
P:3010A	460-46192-E-4-E DU		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-4-E DU		460-133489	460-133365	10/24/2012 19:44	1	TAL EDI	CDC
P:7470A	460-46192-D-4-E DU		460-133468	460-133445	10/24/2012 17:00	1	TAL EDI	TS
A:7470A	460-46192-D-4-E DU		460-133468	460-133445	10/24/2012 20:34	1	TAL EDI	TS
P:7470A	460-46192-E-4-K DU		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	460-46192-E-4-K DU		460-133790	460-133766	10/26/2012 20:14	1	TAL EDI	TS

Lab ID: 460-46192-4 SD

Client ID: WG-17338-101812-MW27-MM-262

Sample Date/Time: 10/18/2012 15:10

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-46192-D-4-A SD ^5		460-133489	460-133330	10/24/2012 07:59	5	TAL EDI	MC
A:6010B	460-46192-D-4-A SD ^5		460-133489	460-133330	10/24/2012 17:40	5	TAL EDI	CDC
P:3010A	460-46192-D-4-A PDS		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	460-46192-D-4-A PDS		460-133489	460-133330	10/24/2012 17:48	1	TAL EDI	CDC
P:3010A	460-46192-E-4-D SD ^5		460-133489	460-133365	10/24/2012 09:57	5	TAL EDI	MC
A:6010B	460-46192-E-4-D SD ^5		460-133489	460-133365	10/24/2012 19:51	5	TAL EDI	CDC
P:3010A	460-46192-E-4-D PDS		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	460-46192-E-4-D PDS		460-133489	460-133365	10/24/2012 19:58	1	TAL EDI	CDC
P:7470A	460-46192-D-4-D SD ^5		460-133468	460-133445	10/24/2012 17:00	5	TAL EDI	TS
A:7470A	460-46192-D-4-D SD ^5		460-133468	460-133445	10/24/2012 21:26	5	TAL EDI	TS
P:7470A	460-46192-E-4-J SD ^5		460-133790	460-133766	10/26/2012 17:17	5	TAL EDI	TS
A:7470A	460-46192-E-4-J SD ^5		460-133790	460-133766	10/26/2012 21:07	5	TAL EDI	TS

Lab ID: 460-46192-5

Client ID: TB-17338-101812-263

Sample Date/Time: 10/18/2012 00:00

Received Date/Time: 10/19/2012 18:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-46192-A-5		460-133510		10/25/2012 09:28	1	TAL EDI	AT
A:8260B	460-46192-A-5		460-133510		10/25/2012 09:28	1	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-133510/4		460-133510		10/25/2012 09:05	1	TAL EDI	AT
A:8260B	MB 460-133510/4		460-133510		10/25/2012 09:05	1	TAL EDI	AT
P:3010A	MB 460-133330/1-A		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	MB 460-133330/1-A		460-133489	460-133330	10/24/2012 18:06	1	TAL EDI	CDC
P:3010A	MB 460-133340/1-B		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	MB 460-133340/1-B		460-133489	460-133365	10/24/2012 19:36	1	TAL EDI	CDC
P:7470A	MB 460-133263/11-A		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	MB 460-133263/11-A		460-133302	460-133263	10/23/2012 19:54	1	TAL EDI	TS
P:7470A	MB 460-133445/11-A		460-133468	460-133445	10/24/2012 17:00	1	TAL EDI	TS
A:7470A	MB 460-133445/11-A		460-133468	460-133445	10/24/2012 20:28	1	TAL EDI	TS
P:7470A	MB 460-133760/1-B		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	MB 460-133760/1-B		460-133790	460-133766	10/26/2012 20:08	1	TAL EDI	TS

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-133510/3		460-133510		10/25/2012 07:40	1	TAL EDI	AT
A:8260B	LCS 460-133510/3		460-133510		10/25/2012 07:40	1	TAL EDI	AT
P:3010A	LCS 460-133330/2-A		460-133489	460-133330	10/24/2012 07:59	1	TAL EDI	MC
A:6010B	LCS 460-133330/2-A		460-133489	460-133330	10/24/2012 17:55	1	TAL EDI	CDC
P:3010A	LCS 460-133365/2-A		460-133489	460-133365	10/24/2012 09:57	1	TAL EDI	MC
A:6010B	LCS 460-133365/2-A		460-133489	460-133365	10/24/2012 19:40	1	TAL EDI	CDC
P:7470A	LCS 460-133263/12-A		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	LCS 460-133263/12-A		460-133302	460-133263	10/23/2012 19:56	1	TAL EDI	TS
P:7470A	LCS 460-133445/12-A		460-133468	460-133445	10/24/2012 17:00	1	TAL EDI	TS
A:7470A	LCS 460-133445/12-A		460-133468	460-133445	10/24/2012 20:30	1	TAL EDI	TS
P:7470A	LCS 460-133766/12-A		460-133790	460-133766	10/26/2012 17:17	1	TAL EDI	TS
A:7470A	LCS 460-133766/12-A		460-133790	460-133766	10/26/2012 20:10	1	TAL EDI	TS

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-46246-I-1-F MS		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	460-46246-I-1-F MS		460-133302	460-133263	10/23/2012 20:03	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Laboratory Chronicle

Lab ID: DU

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-46246-I-1-E DU		460-133302	460-133263	10/23/2012 16:50	1	TAL EDI	TS
A:7470A	460-46246-I-1-E DU		460-133302	460-133263	10/23/2012 20:01	1	TAL EDI	TS

Lab ID: SD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-46246-I-1-D SD		460-133302	460-133263	10/23/2012 16:50	5	TAL EDI	TS
	^5							
A:7470A	460-46246-I-1-D SD		460-133302	460-133263	10/23/2012 20:52	5	TAL EDI	TS
	^5							

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method
8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
WG-17338-101812-MW 29-MM-250	460-46192-1	101	100	102
WG-17338-101812-MW 28-MM-260	460-46192-2	96	99	103
WG-17338-101812-MW 35-MM-261	460-46192-3	101	101	105
WG-17338-101812-MW 27-MM-262	460-46192-4	102	100	101
TB-17338-101812-26 3	460-46192-5	106	100	102
	MB 460-133510/4	97	100	100
	LCS 460-133510/3	92	100	101
WG-17338-101812-MW 27-MM-262 MS	460-46192-4 MS	92	100	97
WG-17338-101812-MW 27-MM-262 MSD	460-46192-4 MSD	91	100	101

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e09399.d
 Lab ID: LCS 460-133510/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.7	98	74-128	
Dichlorodifluoromethane	20.0	16.9	85	46-145	
Chloromethane	20.0	18.4	92	58-146	
Vinyl chloride	20.0	18.8	94	61-144	
Bromomethane	20.0	18.9	94	55-153	
1,2-Dibromo-3-Chloropropane	20.0	19.0	95	70-116	
1,2-Dichlorobenzene	20.0	19.2	96	82-122	
Trichlorofluoromethane	20.0	17.2	86	69-147	
1,1-Dichloroethene	20.0	19.7	99	56-139	
1,2-Dichloropropane	20.0	19.2	96	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	18.4	92	47-139	
Acetone	20.0	19.4	97	45-156	
Carbon disulfide	20.0	21.2	106	58-139	
Methyl acetate	20.0	18.7	94	50-151	
Methylene Chloride	20.0	18.8	94	79-119	
trans-1,2-Dichloroethene	20.0	18.6	93	75-122	
Chlorodibromomethane	20.0	19.2	96	80-120	
Methyl tert-butyl ether	20.0	17.7	89	71-115	
Chloroethane	20.0	18.6	93	69-145	
1,1-Dichloroethane	20.0	18.8	94	78-122	
cis-1,2-Dichloroethene	20.0	19.3	97	80-120	
2-Butanone (MEK)	20.0	17.9	89	65-114	
Chloroform	20.0	19.3	96	82-123	
Ethylbenzene	20.0	19.2	96	79-126	
Cyclohexane	20.0	19.1	95	58-133	
Carbon tetrachloride	20.0	19.2	96	73-120	
Benzene	20.0	19.7	98	83-124	
1,2-Dichloroethane	20.0	19.2	96	74-118	
Trichloroethene	20.0	20.5	102	78-119	
Methylcyclohexane	20.0	19.1	96	61-129	
Dichlorobromomethane	20.0	19.5	98	79-119	
cis-1,3-Dichloropropene	20.0	18.9	95	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	18.2	91	53-120	
Toluene	20.0	19.5	97	80-120	
trans-1,3-Dichloropropene	20.0	18.8	94	78-118	
1,1,2-Trichloroethane	20.0	19.3	96	79-119	
Tetrachloroethene	20.0	19.0	95	68-139	
2-Hexanone	20.0	18.4	92	53-121	
1,2-Dibromoethane	20.0	18.9	95	78-118	
Chlorobenzene	20.0	19.4	97	81-121	
Xylenes, Total	60.0	57.4	96	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e09399.d
Lab ID: LCS 460-133510/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.2	96	69-112	
Bromoform	20.0	18.9	95	73-123	
Isopropylbenzene	20.0	19.0	95	80-125	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	74-126	
1,3-Dichlorobenzene	20.0	19.2	96	81-126	
1,4-Dichlorobenzene	20.0	19.0	95	83-123	
1,2,4-Trichlorobenzene	20.0	19.0	95	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e09413.d
Lab ID: 460-46192-4 MS Client ID: WG-17338-101812-MW27-MM-262 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.060 U	14.6	73	74-128	F
Dichlorodifluoromethane	20.0	0.22 U	12.7	63	46-145	
Chloromethane	20.0	0.10 U	13.4	67	58-146	
Vinyl chloride	20.0	0.14 U	14.0	70	61-144	
Bromomethane	20.0	0.18 U	15.3	77	55-153	
1,2-Dibromo-3-Chloropropane	20.0	0.40 U	14.2	71	70-116	
1,2-Dichlorobenzene	20.0	0.21 U	14.9	74	82-122	F
Trichlorofluoromethane	20.0	0.15 U	19.5	97	69-147	
1,1-Dichloroethene	20.0	0.090 U	13.7	69	56-139	
1,2-Dichloropropane	20.0	0.090 U	15.3	77	80-120	F
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	0.080 U	13.9	69	47-139	
Acetone	20.0	2.7 U	14.8	74	45-156	
Carbon disulfide	20.0	0.13 U	14.1	70	58-139	
Methyl acetate	20.0	0.34 U	10.9	54	50-151	
Methylene Chloride	20.0	0.18 U	14.7	74	79-119	F
trans-1,2-Dichloroethene	20.0	0.13 U	13.5	67	75-122	F
Chlorodibromomethane	20.0	0.20 U	14.9	74	80-120	F
Methyl tert-butyl ether	20.0	0.14 U	13.7	68	71-115	F
Chloroethane	20.0	0.17 U	18.0	90	69-145	
1,1-Dichloroethane	20.0	0.13 U	13.8	69	78-122	F
cis-1,2-Dichloroethene	20.0	0.18 U	14.9	74	80-120	F
2-Butanone (MEK)	20.0	2.3 U	13.6	68	65-114	
Chloroform	20.0	0.080 U	14.7	73	82-123	F
Ethylbenzene	20.0	0.21 J	15.1	74	79-126	F
Cyclohexane	20.0	0.16 U	15.8	79	58-133	
Carbon tetrachloride	20.0	0.060 U	14.9	75	73-120	
Benzene	20.0	0.080 U	15.2	76	83-124	F
1,2-Dichloroethane	20.0	0.19 U	14.3	71	74-118	F
Trichloroethene	20.0	0.090 U	15.0	75	78-119	F
Methylcyclohexane	20.0	0.14 U	19.2	96	61-129	
Dichlorobromomethane	20.0	0.12 U	16.0	80	79-119	
cis-1,3-Dichloropropene	20.0	0.18 U	14.6	73	80-120	F
4-Methyl-2-pentanone (MIBK)	20.0	0.99 U	13.9	69	53-120	
Toluene	20.0	0.15 U	14.9	74	80-120	F
trans-1,3-Dichloropropene	20.0	0.24 U	14.6	73	78-118	F
1,1,2-Trichloroethane	20.0	0.19 U	15.3	76	79-119	F
Tetrachloroethene	20.0	0.10 U	14.9	75	68-139	
2-Hexanone	20.0	0.50 U	13.4	67	53-121	
1,2-Dibromoethane	20.0	0.28 U	14.4	72	78-118	F
Chlorobenzene	20.0	0.11 U	15.1	75	81-121	F
Xylenes, Total	60.0	0.95 J	45.4	74	76-121	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e09413.d
 Lab ID: 460-46192-4 MS Client ID: WG-17338-101812-MW27-MM-262 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	0.12 U	15.0	75	69-112	
Bromoform	20.0	0.19 U	14.2	71	73-123	F
Isopropylbenzene	20.0	0.080 U	14.7	74	80-125	F
1,1,2,2-Tetrachloroethane	20.0	0.16 U	14.0	70	74-126	F
1,3-Dichlorobenzene	20.0	0.14 U	15.0	75	81-126	F
1,4-Dichlorobenzene	20.0	0.23 U	14.9	74	83-123	F
1,2,4-Trichlorobenzene	20.0	0.34 U	13.6	68	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e09414.d
 Lab ID: 460-46192-4 MSD Client ID: WG-17338-101812-MW27-MM-262 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	24.0	120	49	30	74-128	F
Dichlorodifluoromethane	20.0	21.2	106	51	30	46-145	F
Chloromethane	20.0	22.3	112	50	30	58-146	F
Vinyl chloride	20.0	23.1	115	49	30	61-144	F
Bromomethane	20.0	23.6	118	42	30	55-153	F
1,2-Dibromo-3-Chloropropane	20.0	22.9	115	47	30	70-116	F
1,2-Dichlorobenzene	20.0	23.6	118	45	30	82-122	F
Trichlorofluoromethane	20.0	32.4	162	50	30	69-147	F
1,1-Dichloroethene	20.0	21.5	107	44	30	56-139	F
1,2-Dichloropropane	20.0	24.2	121	45	30	80-120	F
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	22.9	115	49	30	47-139	F
Acetone	20.0	20.5	103	32	30	45-156	F
Carbon disulfide	20.0	22.8	114	47	30	58-139	F
Methyl acetate	20.0	16.7	84	42	30	50-151	F
Methylene Chloride	20.0	23.7	118	47	30	79-119	F
trans-1,2-Dichloroethene	20.0	21.7	109	47	30	75-122	F
Chlorodibromomethane	20.0	23.8	119	46	30	80-120	F
Methyl tert-butyl ether	20.0	21.5	108	45	30	71-115	F
Chloroethane	20.0	27.5	138	42	30	69-145	F
1,1-Dichloroethane	20.0	22.6	113	48	30	78-122	F
cis-1,2-Dichloroethene	20.0	23.4	117	45	30	80-120	F
2-Butanone (MEK)	20.0	21.4	107	45	30	65-114	F
Chloroform	20.0	24.4	122	50	30	82-123	F
Ethylbenzene	20.0	24.3	120	47	30	79-126	F
Cyclohexane	20.0	24.5	122	43	30	58-133	F
Carbon tetrachloride	20.0	24.2	121	47	30	73-120	F
Benzene	20.0	23.4	117	42	30	83-124	F
1,2-Dichloroethane	20.0	22.5	112	44	30	74-118	F
Trichloroethene	20.0	23.9	119	45	30	78-119	F
Methylcyclohexane	20.0	26.9	135	33	30	61-129	F
Dichlorobromomethane	20.0	25.3	127	45	30	79-119	F
cis-1,3-Dichloropropene	20.0	23.0	115	45	30	80-120	F
4-Methyl-2-pentanone (MIBK)	20.0	21.6	108	44	30	53-120	F
Toluene	20.0	23.8	119	46	30	80-120	F
trans-1,3-Dichloropropene	20.0	23.3	117	46	30	78-118	F
1,1,2-Trichloroethane	20.0	23.3	117	42	30	79-119	F
Tetrachloroethene	20.0	23.8	119	46	30	68-139	F
2-Hexanone	20.0	23.0	115	53	30	53-121	F
1,2-Dibromoethane	20.0	23.0	115	46	30	78-118	F
Chlorobenzene	20.0	24.3	121	47	30	81-121	F
Xylenes, Total	60.0	72.6	119	46	30	76-121	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e09414.d
 Lab ID: 460-46192-4 MSD Client ID: WG-17338-101812-MW27-MM-262 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	20.0	24.0	120	46	30	69-112	F
Bromoform	20.0	23.2	116	48	30	73-123	F
Isopropylbenzene	20.0	23.8	119	47	30	80-125	F
1,1,2,2-Tetrachloroethane	20.0	23.2	116	49	30	74-126	F
1,3-Dichlorobenzene	20.0	24.0	120	46	30	81-126	F
1,4-Dichlorobenzene	20.0	24.0	120	47	30	83-123	F
1,2,4-Trichlorobenzene	20.0	21.1	106	44	30	66-120	F

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab File ID: e09402.d Lab Sample ID: MB 460-133510/4
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: VOAMS5 Date Analyzed: 10/25/2012 09:05
 GC Column: Rtx-VMS ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-133510/3	e09399.d	10/25/2012 07:40
TB-17338-101812-263	460-46192-5	e09403.d	10/25/2012 09:28
WG-17338-101812-MW27-MM-262	460-46192-4	e09404.d	10/25/2012 09:51
WG-17338-101812-MW28-MM-260	460-46192-2	e09405.d	10/25/2012 10:15
WG-17338-101812-MW35-MM-261	460-46192-3	e09406.d	10/25/2012 10:38
WG-17338-101812-MW29-MM-250	460-46192-1	e09407.d	10/25/2012 11:01
WG-17338-101812-MW27-MM-262 MS	460-46192-4 MS	e09413.d	10/25/2012 13:21
WG-17338-101812-MW27-MM-262 MSD	460-46192-4 MSD	e09414.d	10/25/2012 13:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Lab File ID: e09271.d BFB Injection Date: 10/22/2012
Instrument ID: VOAMS5 BFB Injection Time: 22:05
Analysis Batch No.: 133133

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.9
75	30.0 - 60.0 % of mass 95	51.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	1.5 (1.6) 1
174	50.0 - 120.00 % of mass 95	94.7
175	5.0 - 9.0 % of mass 174	7.2 (7.6) 1
176	95.0 - 101.0 % of mass 174	91.7 (96.8) 1
177	5.0 - 9.0 % of mass 176	5.9 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-133133/2	e09273.d	10/22/2012	22:48
	IC 460-133133/3	e09277.d	10/23/2012	00:23
	IC 460-133133/4	e09278.d	10/23/2012	00:46
	IC 460-133133/5	e09279.d	10/23/2012	01:10
	IC 460-133133/6	e09280.d	10/23/2012	01:33
	IC 460-133133/7	e09281.d	10/23/2012	01:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Lab File ID: e09397.d BFB Injection Date: 10/25/2012
Instrument ID: VOAMS5 BFB Injection Time: 06:32
Analysis Batch No.: 133510

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.4
75	30.0 - 60.0 % of mass 95	51.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.7
173	Less than 2.0 % of mass 174	0.7 (0.7) 1
174	50.0 - 120.00 % of mass 95	94.2
175	5.0 - 9.0 % of mass 174	7.3 (7.8) 1
176	95.0 - 101.0 % of mass 174	89.5 (95.0) 1
177	5.0 - 9.0 % of mass 176	5.1 (5.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-133510/2	e09398.d	10/25/2012	07:15
	LCS 460-133510/3	e09399.d	10/25/2012	07:40
	MB 460-133510/4	e09402.d	10/25/2012	09:05
TB-17338-101812-263	460-46192-5	e09403.d	10/25/2012	09:28
WG-17338-101812-MW27-MM-262	460-46192-4	e09404.d	10/25/2012	09:51
WG-17338-101812-MW28-MM-260	460-46192-2	e09405.d	10/25/2012	10:15
WG-17338-101812-MW35-MM-261	460-46192-3	e09406.d	10/25/2012	10:38
WG-17338-101812-MW29-MM-250	460-46192-1	e09407.d	10/25/2012	11:01
WG-17338-101812-MW27-MM-262 MS	460-46192-4 MS	e09413.d	10/25/2012	13:21
WG-17338-101812-MW27-MM-262 MSD	460-46192-4 MSD	e09414.d	10/25/2012	13:45
	CCV 460-133510/21	e09426.d	10/25/2012	18:24

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Sample No.: CCVIS 460-133510/2 Date Analyzed: 10/25/2012 07:15
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e09398.d Heated Purge: (Y/N) N
 Calibration ID: 18208

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		984303	3.59	921896	6.95	593971	10.47
UPPER LIMIT		1968606	4.09	1843792	7.45	1187942	10.97
LOWER LIMIT		492152	3.09	460948	6.45	296986	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-133510/3		987382	3.60	923531	6.95	586471	10.47
MB 460-133510/4		909949	3.60	852084	6.95	547163	10.47
460-46192-5	TB-17338-101812-263	888044	3.60	828973	6.95	545730	10.47
460-46192-4	WG-17338-101812-MW27-MM-262	909494	3.60	837961	6.95	538057	10.47
460-46192-2	WG-17338-101812-MW28-MM-260	871328	3.59	833697	6.95	532289	10.47
460-46192-3	WG-17338-101812-MW35-MM-261	921729	3.60	837087	6.95	512446	10.47
460-46192-1	WG-17338-101812-MW29-MM-250	894460	3.60	826320	6.95	521053	10.47
460-46192-4 MS	WG-17338-101812-MW27-MM-262 MS	961371	3.60	902268	6.95	594984	10.47
460-46192-4 MSD	WG-17338-101812-MW27-MM-262 MSD	960482	3.60	915949	6.95	594794	10.47
CCV 460-133510/21		914316	3.60	867035	6.95	591131	10.47

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW29-MM-2 Lab Sample ID: 460-46192-1
 Matrix: Water Lab File ID: e09407.d
 Analysis Method: 8260B Date Collected: 10/18/2012 10:45
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	31		1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.52	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	5.9		1.0	0.10
110-82-7	Cyclohexane	3.6		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	11		1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	3.5		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	1.5		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW29-MM-2 Lab Sample ID: 460-46192-1
 Matrix: Water Lab File ID: e09407.d
 Analysis Method: 8260B Date Collected: 10/18/2012 10:45
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	7.9		3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.79	J	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Client Sample ID: WG-17338-101812-MW29-MM-2 Lab Sample ID: 460-46192-1
Matrix: Water Lab File ID: e09407.d
Analysis Method: 8260B Date Collected: 10/18/2012 10:45
Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 11:01
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 133510 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09407.d
 Report Date: 26-Oct-2012 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09407.d
 Lab Smp Id: 460-46192-A-1 Client Smp ID: WG-17338-101812-MW2
 Inj Date : 25-OCT-2012 11:01
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-1
 Misc Info : 460-46192-A-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 26-Oct-2012 04:05 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
								(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
4 Vinyl Chloride	62		1.029	1.028	(0.286)		199821	31.2406	31
28 MTBE	73		2.016	2.022	(0.560)		7459	0.52141	0.52(a)
36 cis-1,2-Dichloroethene	96		2.656	2.650	(0.738)		12691	2.59086	2.6
44 Cyclohexane	56		2.790	2.784	(0.775)		30031	3.61284	3.6
48 Benzene	78		3.260	3.260	(0.469)		209177	10.9183	11
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.934)		268325	50.7169	51
* 52 Fluorobenzene	96		3.601	3.595	(1.000)		894460	50.0000	
56 Methyl cyclohexane	83		3.729	3.729	(1.036)		25700	3.54014	3.5
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		893412	50.0781	50
66 Toluene	91		5.162	5.162	(0.742)		32397	1.50535	1.5
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		826320	50.0000	
81 Ethylbenzene	106		7.064	7.064	(1.016)		44537	5.89334	5.9
82 m+p-Xylene	106		7.277	7.277	(1.046)		49413	5.07440	5.1
84 o-Xylene	106		7.856	7.863	(1.130)		27212	2.79539	2.8
88 Isopropylbenzene	105		8.344	8.344	(1.200)		18075	0.79402	0.79(a)
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		442726	51.2450	51

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09407.d
 Report Date: 26-Oct-2012 10:02

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	====	==	=====	=====	=====	=====	=====	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	521053	50.0000		
M 120 1,2-Dichloroethene (Total)	100				12691	2.59086	2.6	
M 121 Xylene (Total)	100				76625	7.86979	7.9	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e09407.d

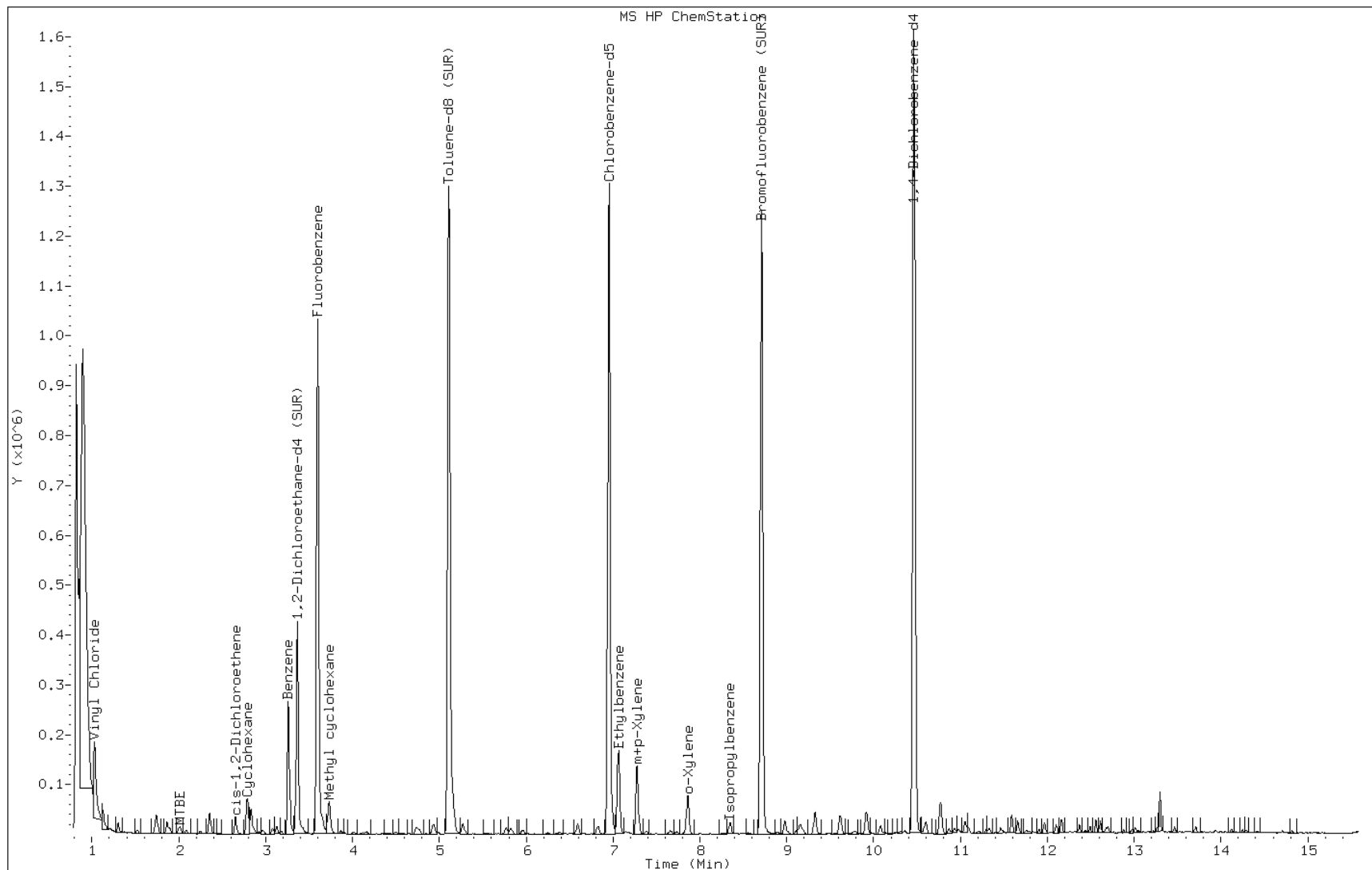
Date: 25-OCT-2012 11:01

Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5



Data File: e09407.d

Date: 25-OCT-2012 11:01

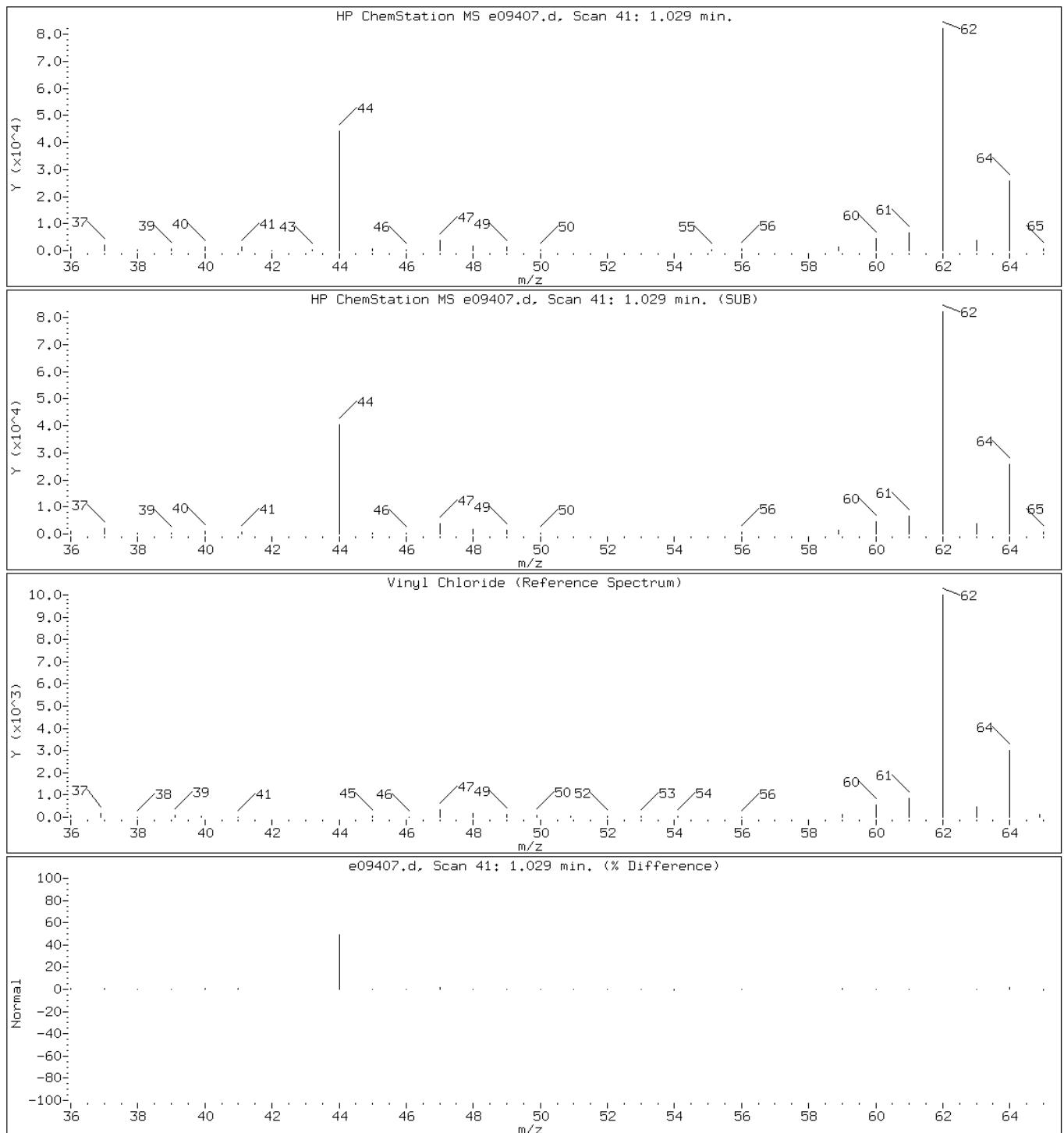
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

4 Vinyl Chloride



Data File: e09407.d

Date: 25-OCT-2012 11:01

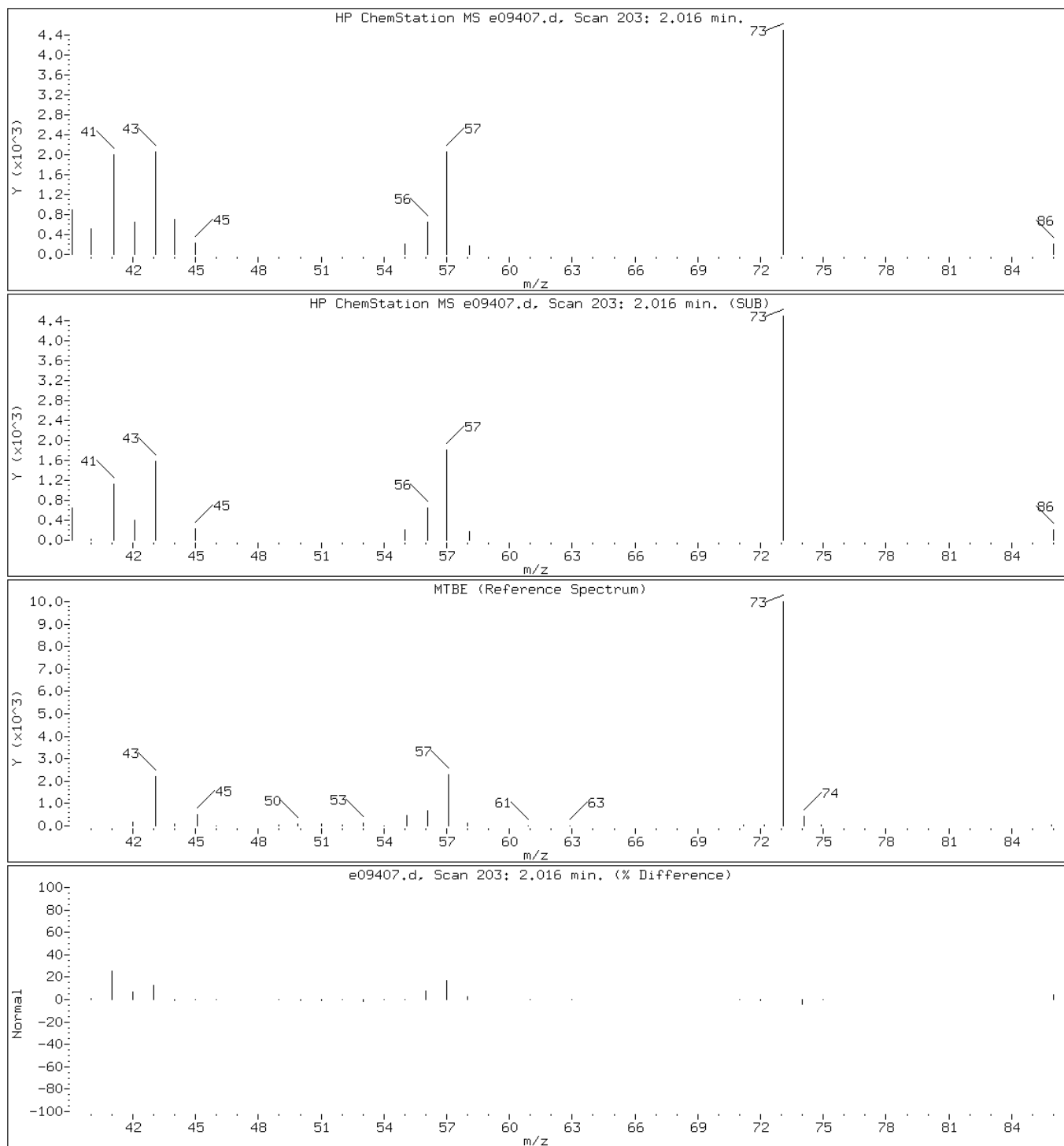
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

28 MTBE



Data File: e09407.d

Date: 25-OCT-2012 11:01

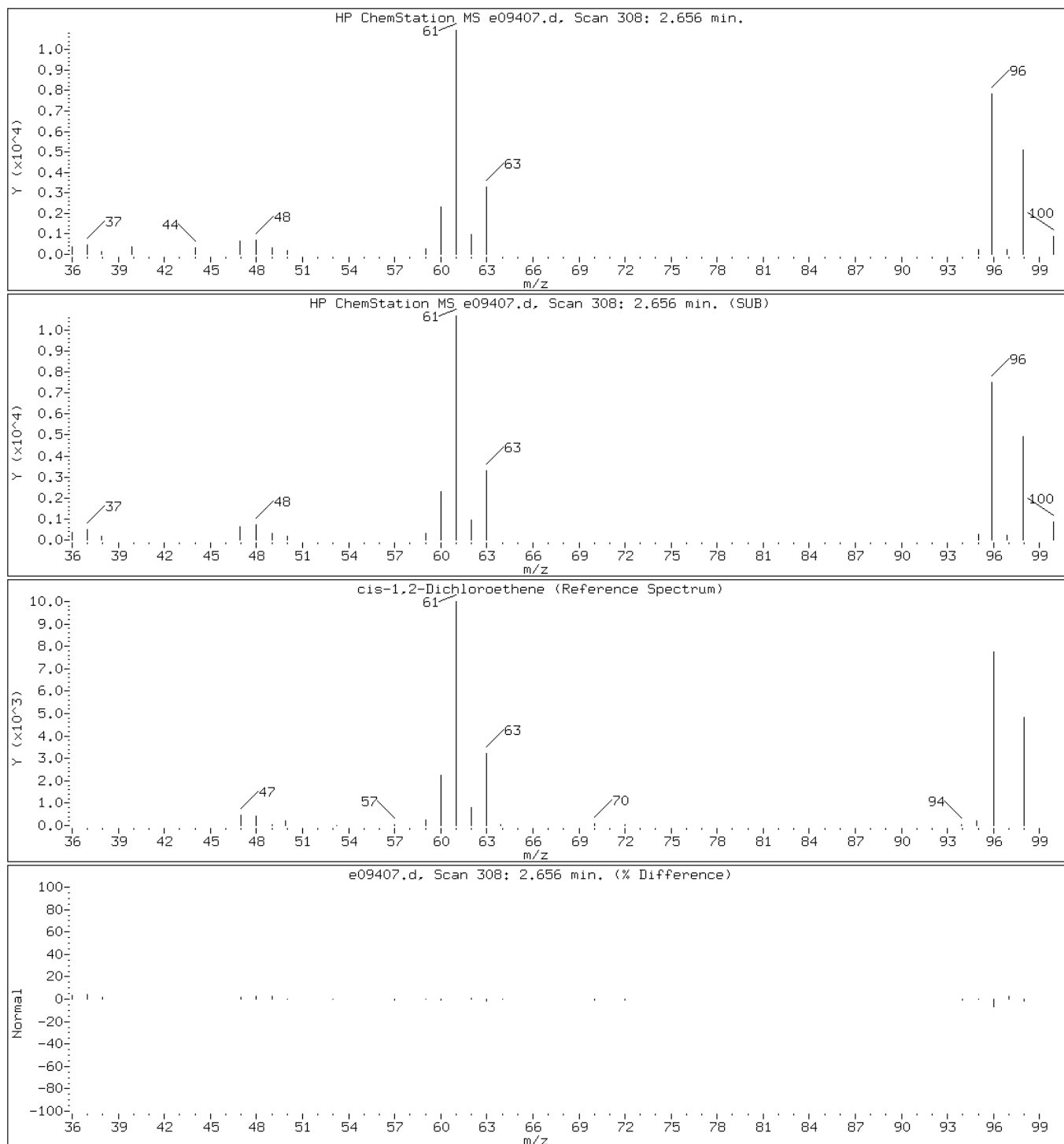
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

36 cis-1,2-Dichloroethene



Data File: e09407.d

Date: 25-OCT-2012 11:01

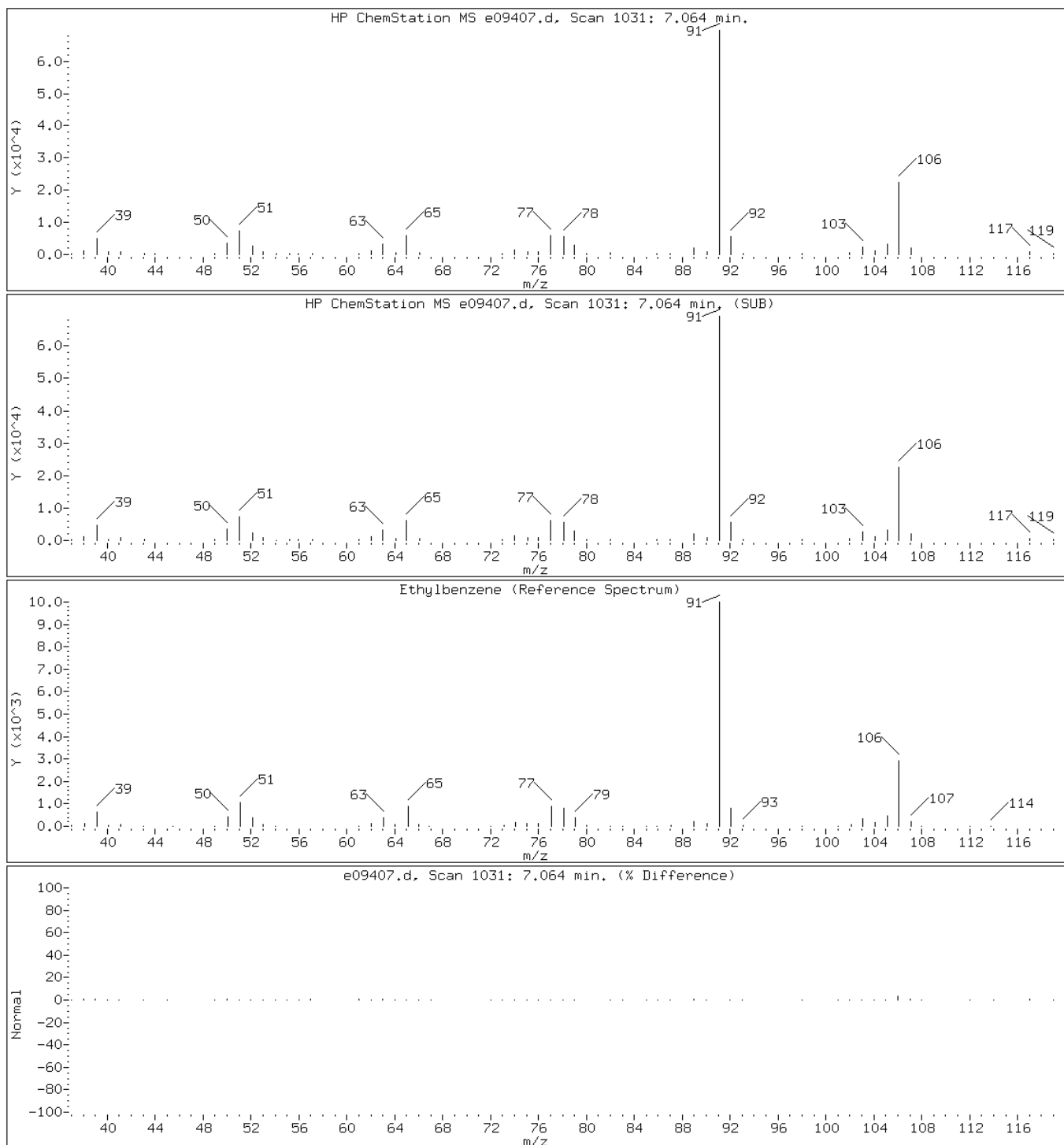
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e09407.d

Date: 25-OCT-2012 11:01

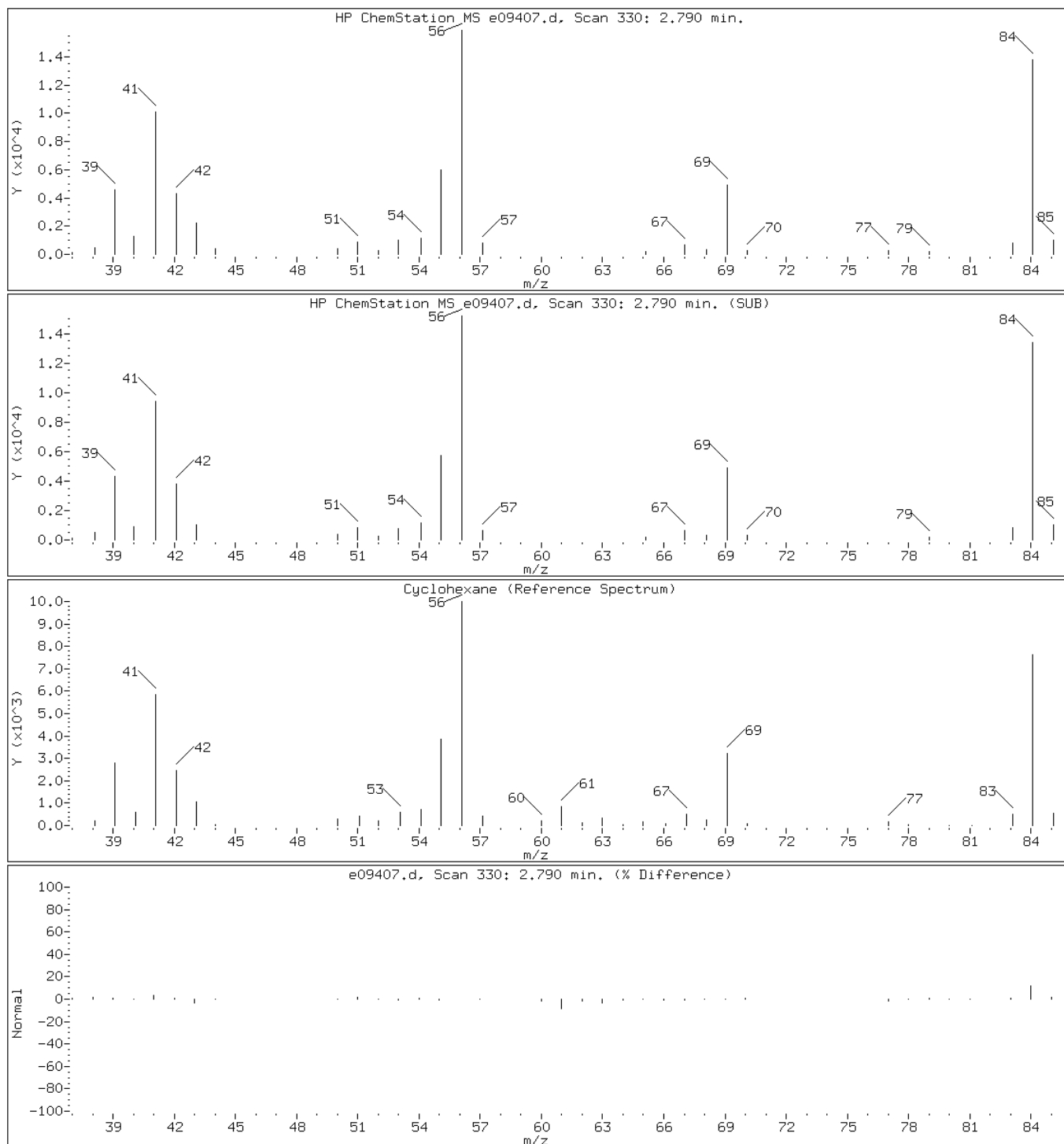
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e09407.d

Date: 25-OCT-2012 11:01

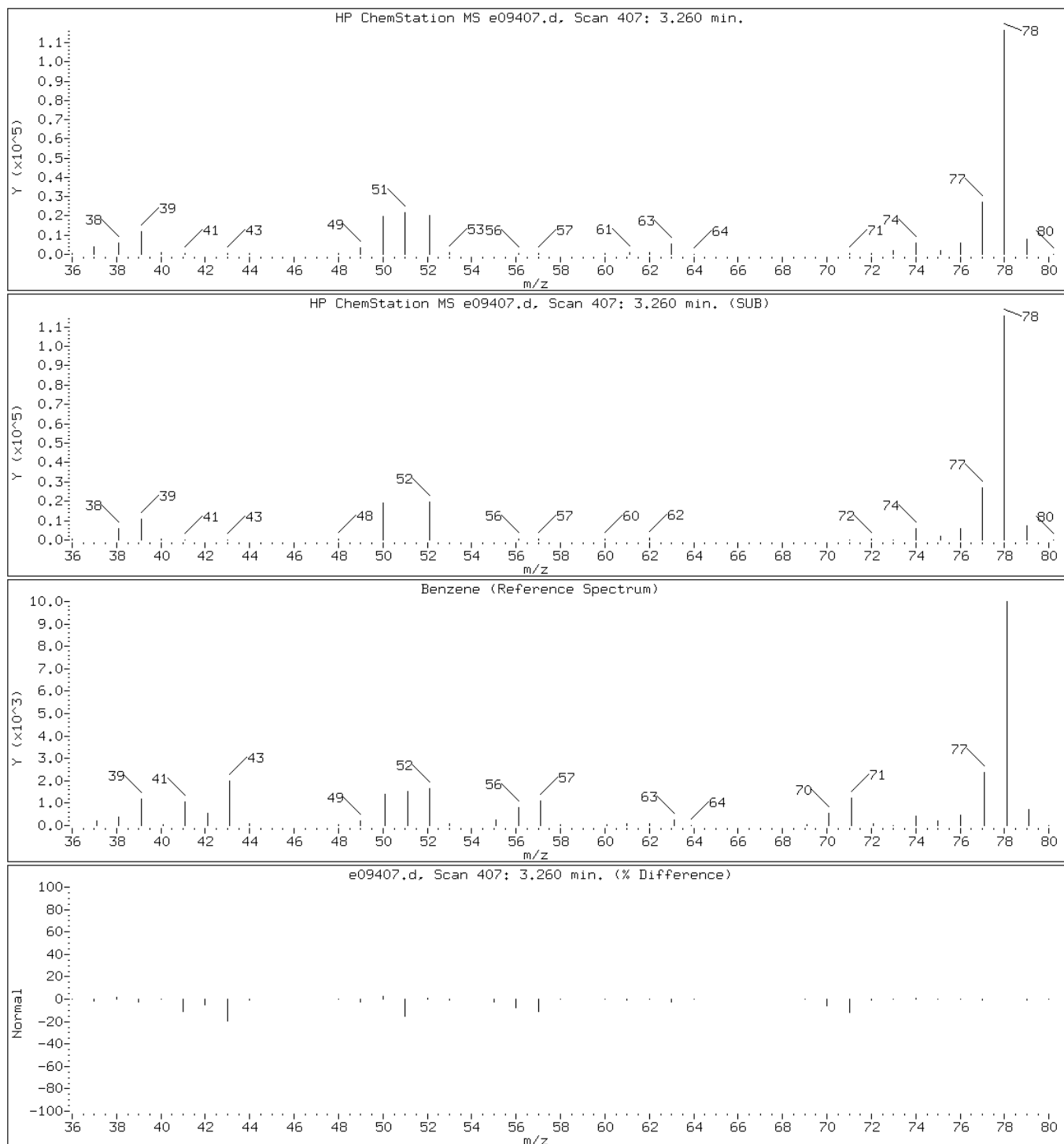
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

48 Benzene



Data File: e09407.d

Date: 25-OCT-2012 11:01

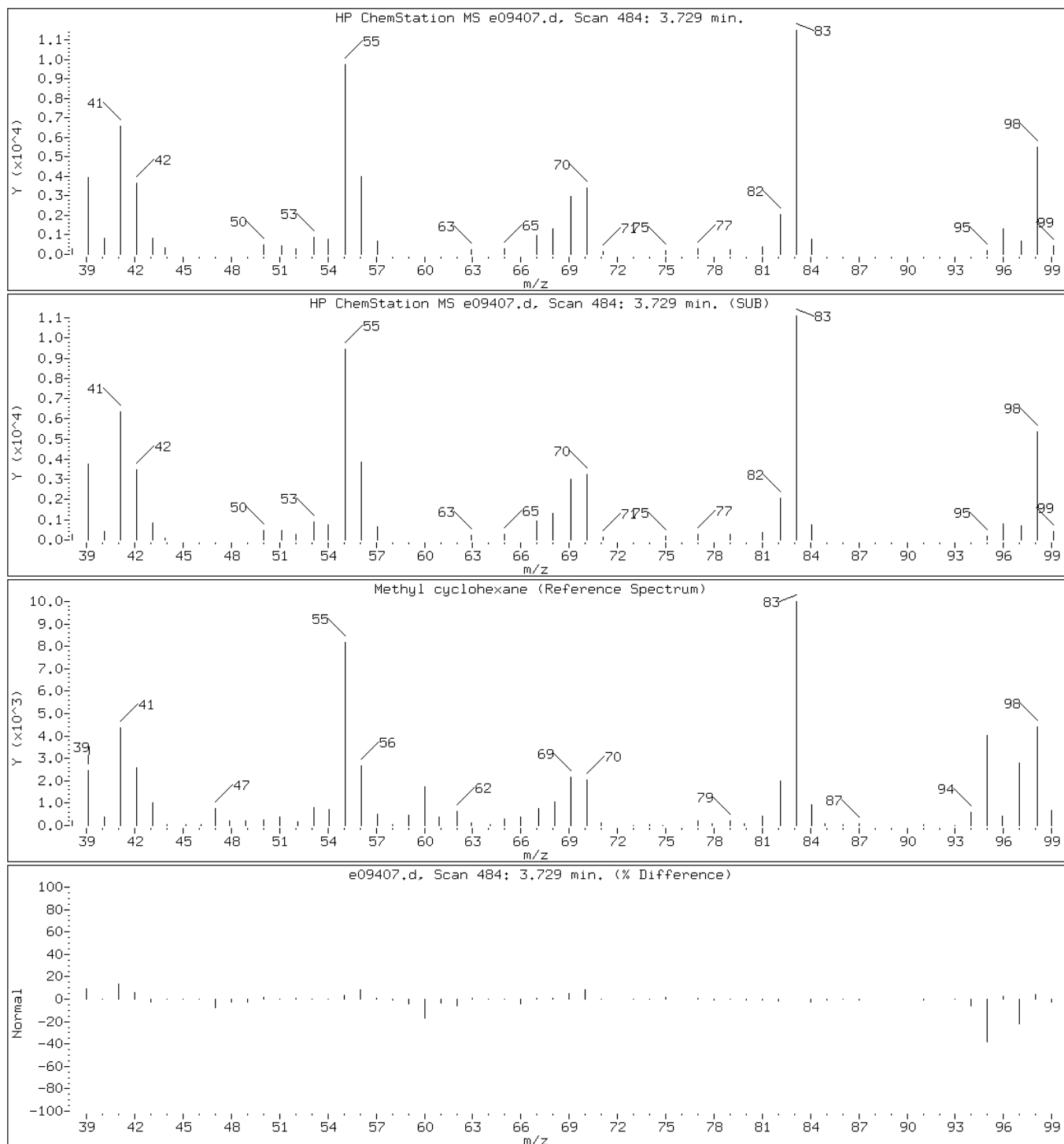
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e09407.d

Date: 25-OCT-2012 11:01

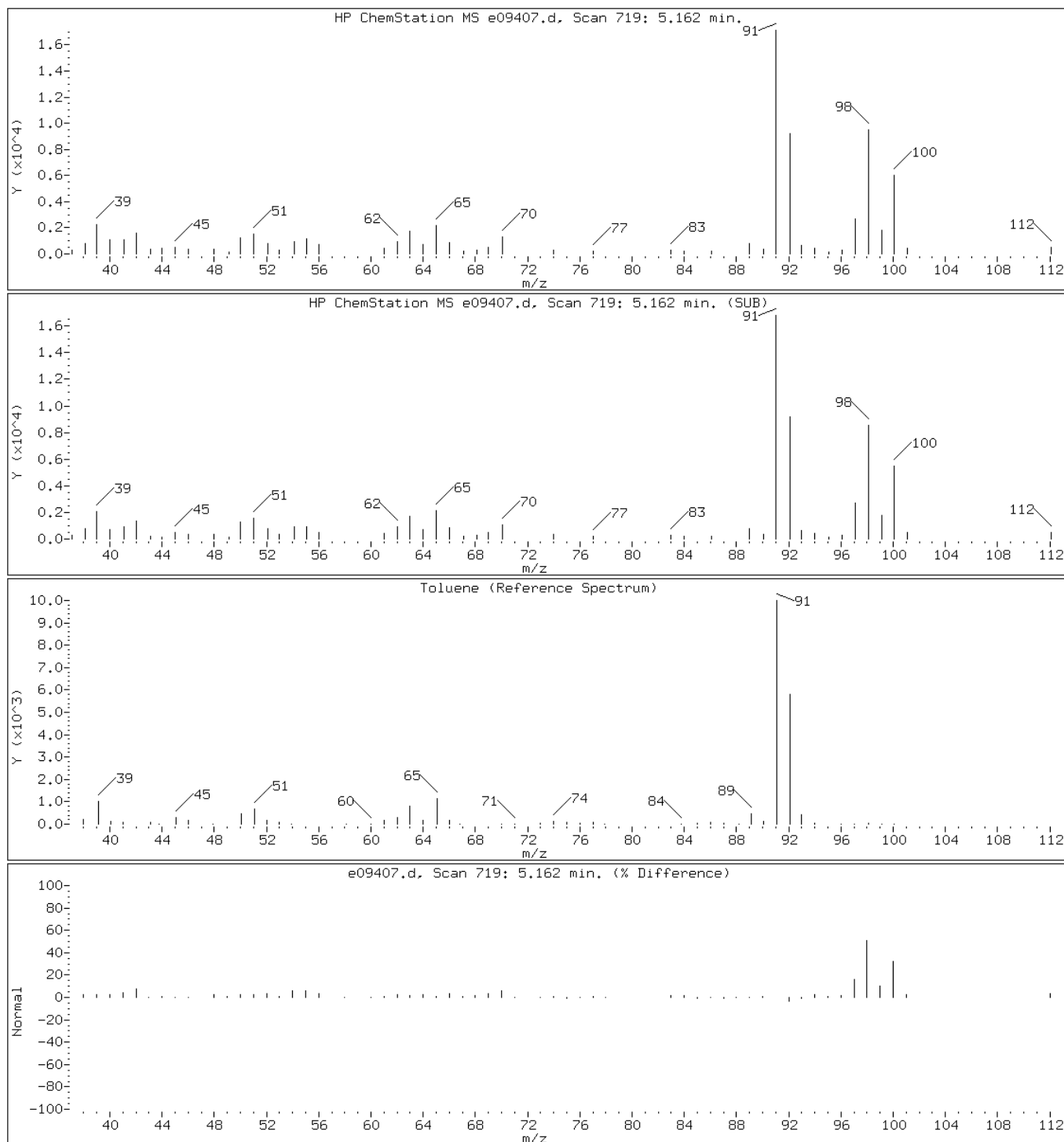
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

66 Toluene



Data File: e09407.d

Date: 25-OCT-2012 11:01

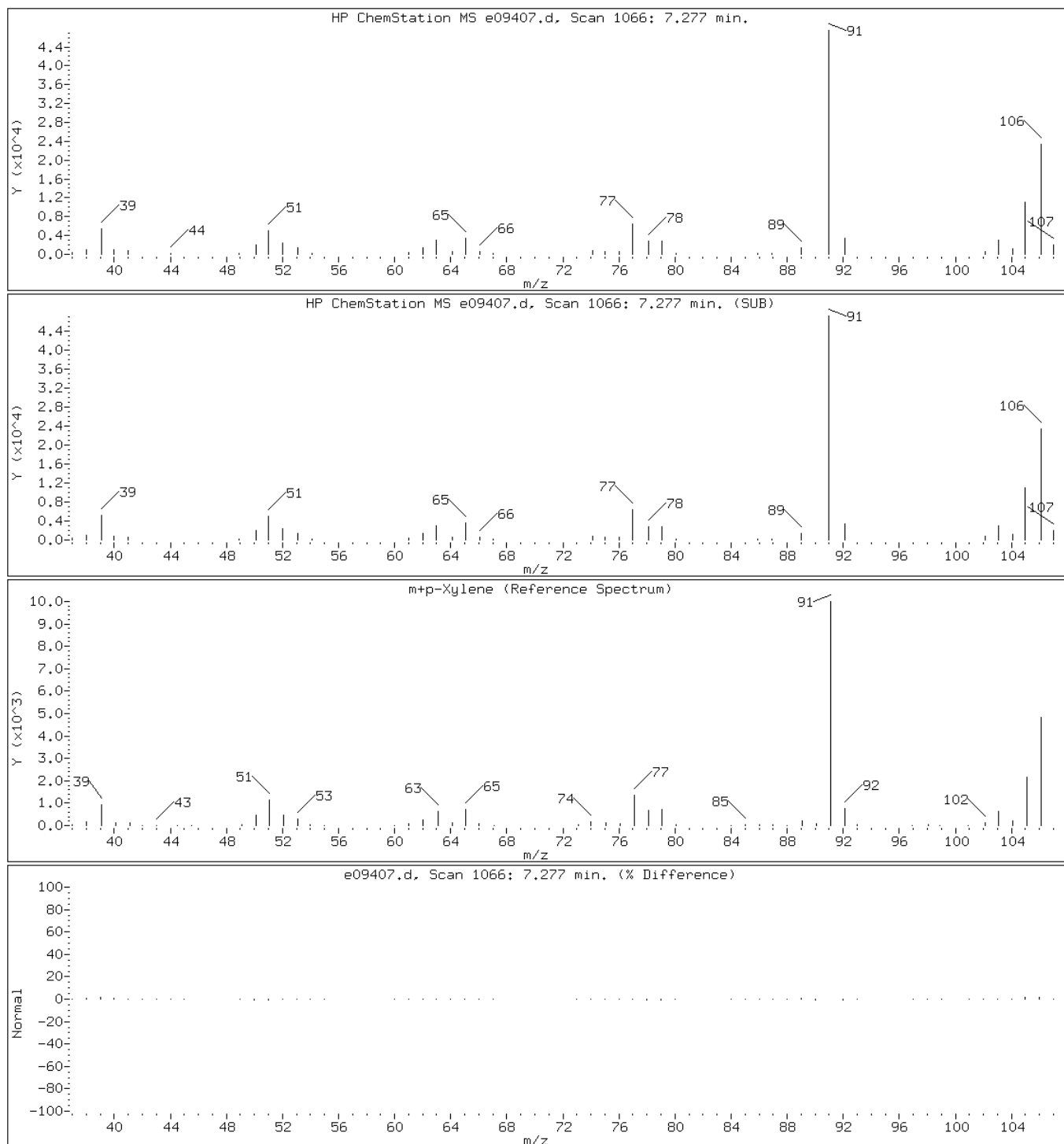
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e09407.d

Date: 25-OCT-2012 11:01

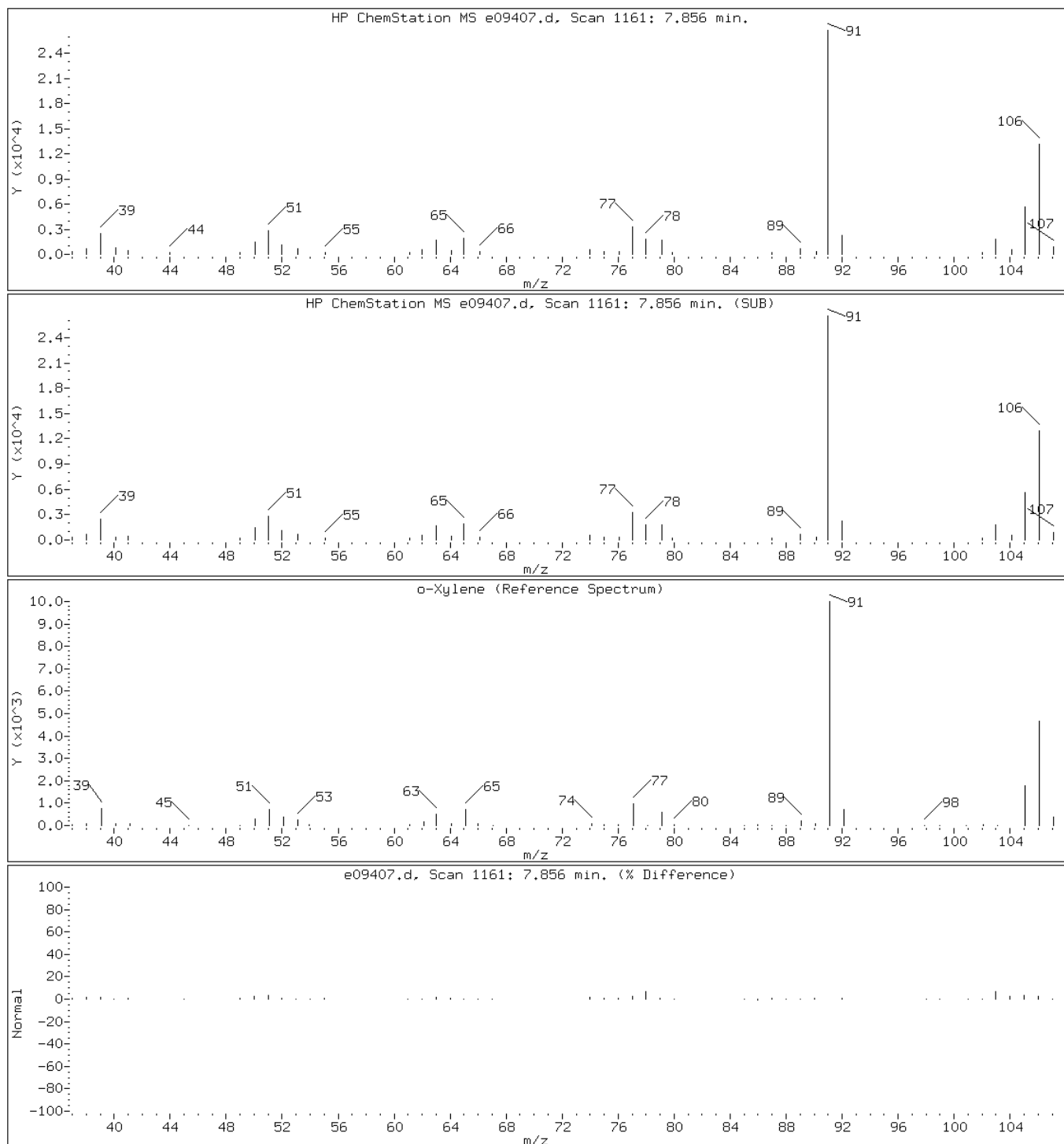
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e09407.d

Date: 25-OCT-2012 11:01

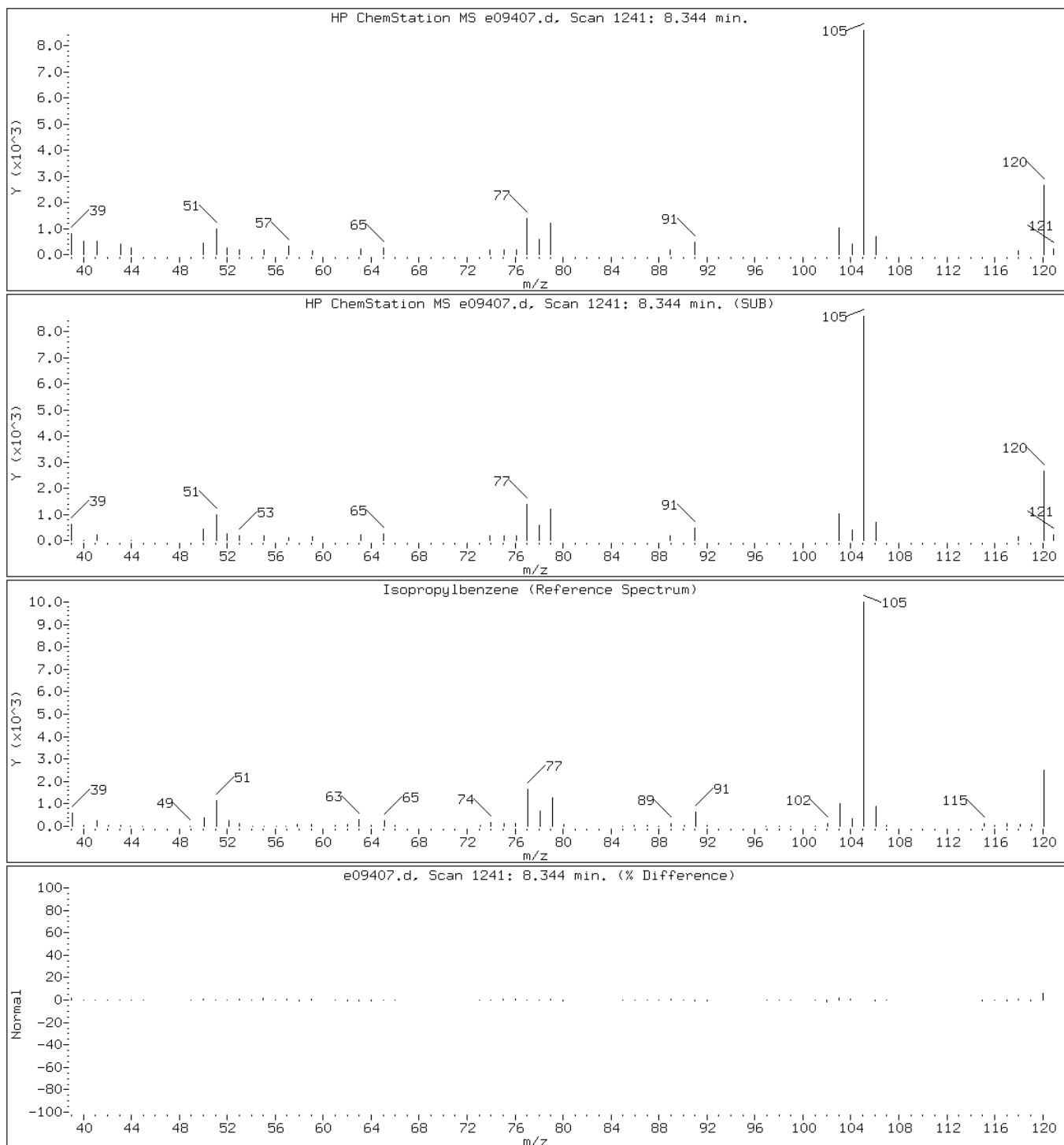
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-1

Operator: GC/MS VOAMS5

88 Isopropylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW28-MM-2 Lab Sample ID: 460-46192-2
 Matrix: Water Lab File ID: e09405.d
 Analysis Method: 8260B Date Collected: 10/18/2012 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 10:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.37	J	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.12	J	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW28-MM-2 Lab Sample ID: 460-46192-2
 Matrix: Water Lab File ID: e09405.d
 Analysis Method: 8260B Date Collected: 10/18/2012 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 10:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	1.5	J	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.097	J	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	103		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Client Sample ID: WG-17338-101812-MW28-MM-2 Lab Sample ID: 460-46192-2
Matrix: Water Lab File ID: e09405.d
Analysis Method: 8260B Date Collected: 10/18/2012 12:00
Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 10:15
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 133510 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09405.d
 Report Date: 29-Oct-2012 06:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09405.d
 Lab Smp Id: 460-46192-A-2 Client Smp ID: WG-17338-101812-MW2
 Inj Date : 25-OCT-2012 10:15
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-2
 Misc Info : 460-46192-A-2
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 26-Oct-2012 04:05 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
48 Benzene		78	3.260	3.260 (0.469)		2402	0.12427	0.12(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.363 (0.936)		248484	48.2135	48
* 52 Fluorobenzene		96	3.595	3.595 (1.000)		871328	50.0000	
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		888323	49.3523	49
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		833697	50.0000	
81 Ethylbenzene		106	7.058	7.064 (1.015)		2796	0.36671	0.37(a)
82 m+p-Xylene		106	7.277	7.277 (1.046)		14986	1.52535	1.5
88 Isopropylbenzene		105	8.344	8.344 (1.200)		2234	0.09727	0.097(aH)
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710 (0.832)		454974	51.5510	52
* 108 1,4-Dichlorobenzene-d4		152	10.465	10.466 (1.000)		532289	50.0000	
M 121 Xylene (Total)		100				14986	1.52535	1.5(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09405.d
Report Date: 29-Oct-2012 06:49

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: e09405.d

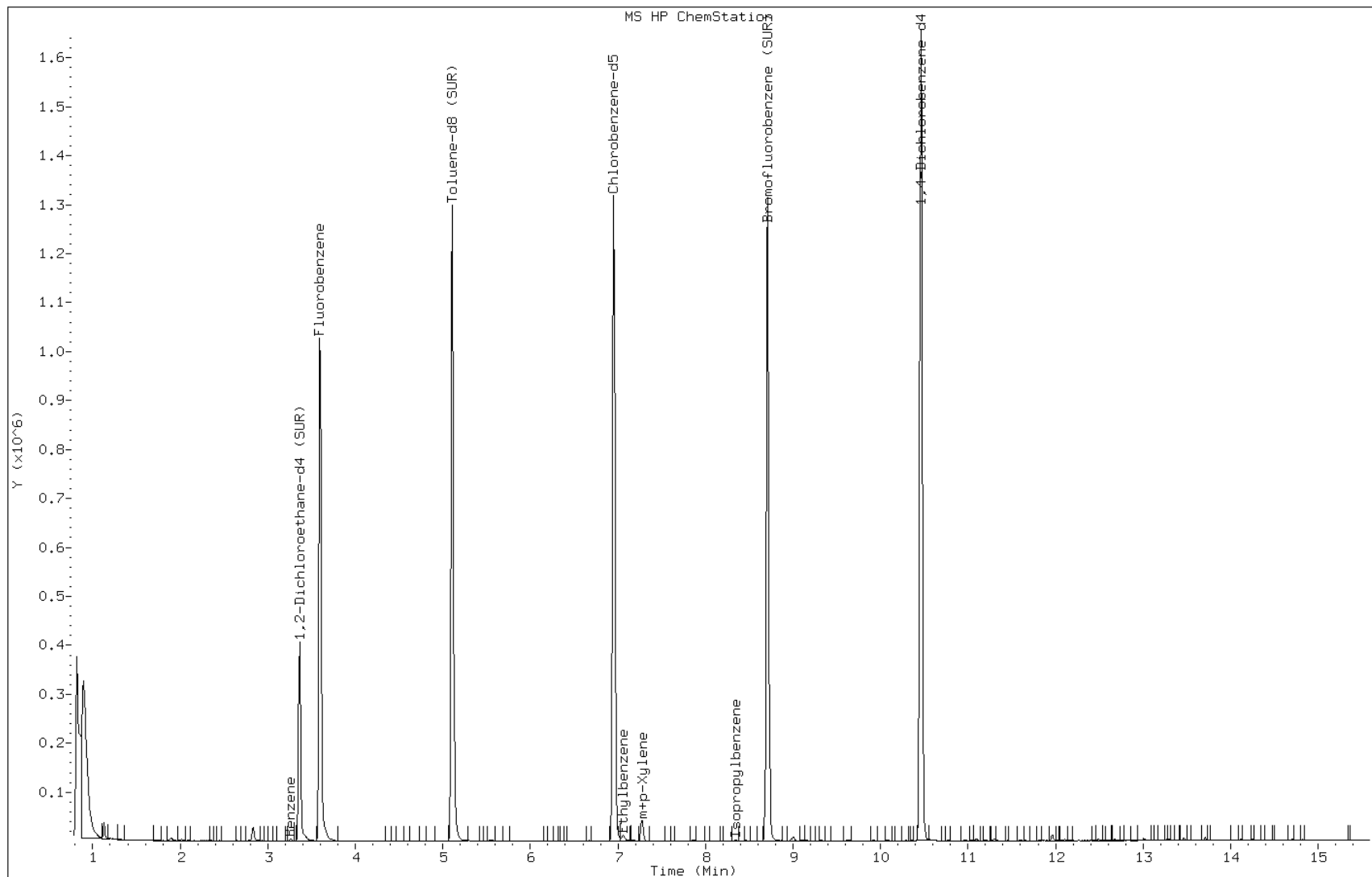
Date: 25-OCT-2012 10:15

Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-2

Operator: GC/MS VOAMS5



Data File: e09405.d

Date: 25-OCT-2012 10:15

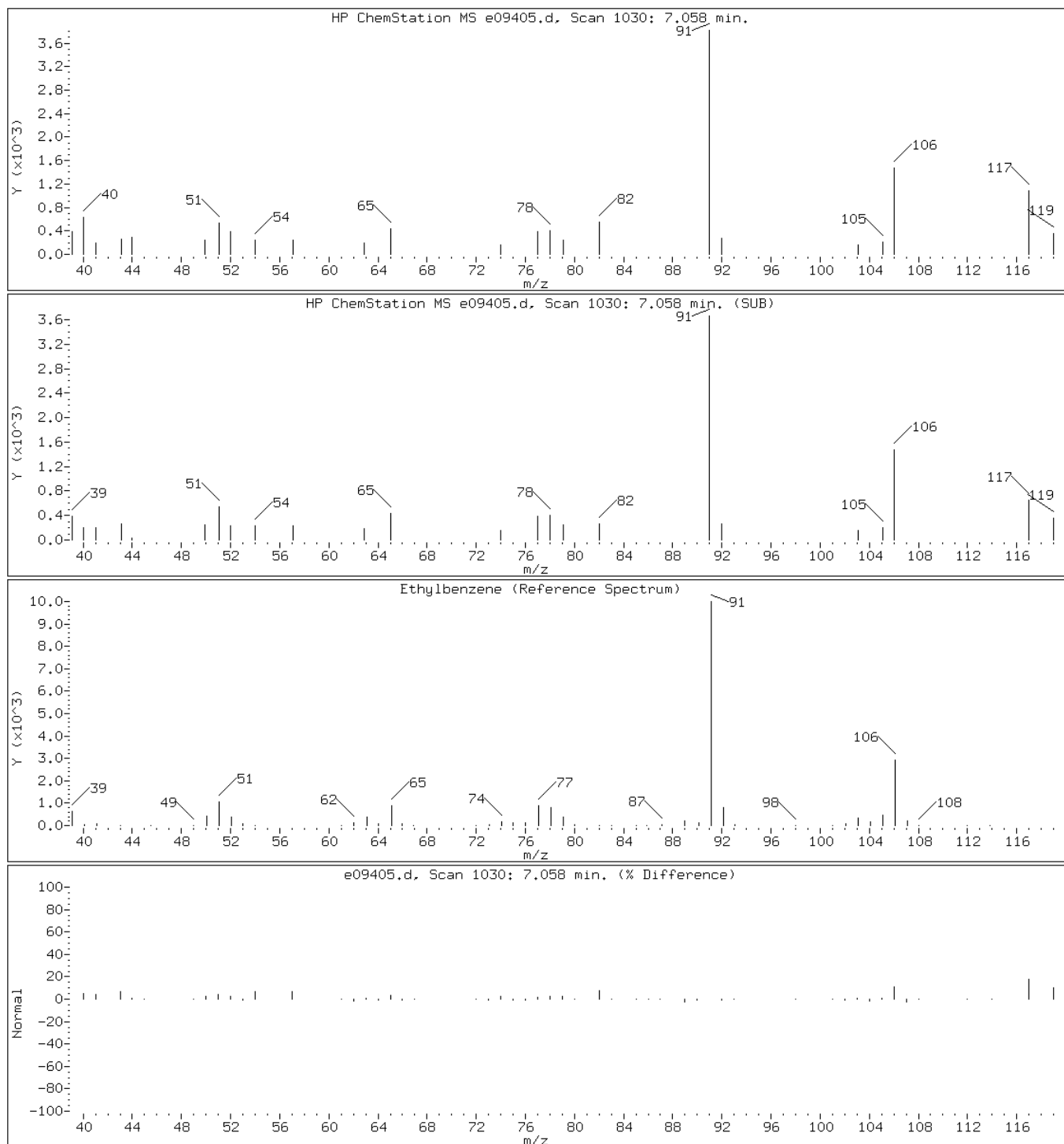
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e09405.d

Date: 25-OCT-2012 10:15

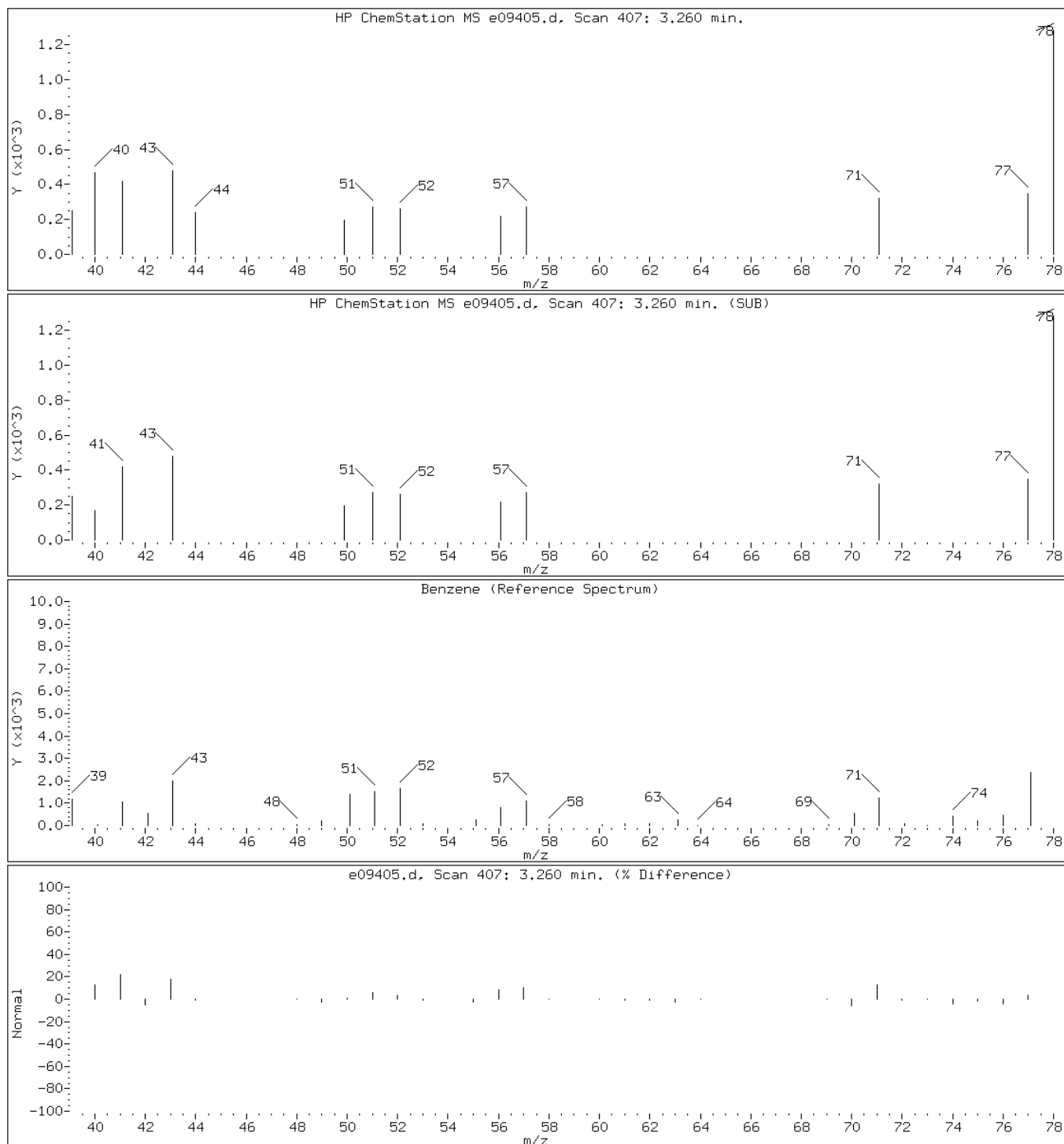
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e09405.d

Date: 25-OCT-2012 10:15

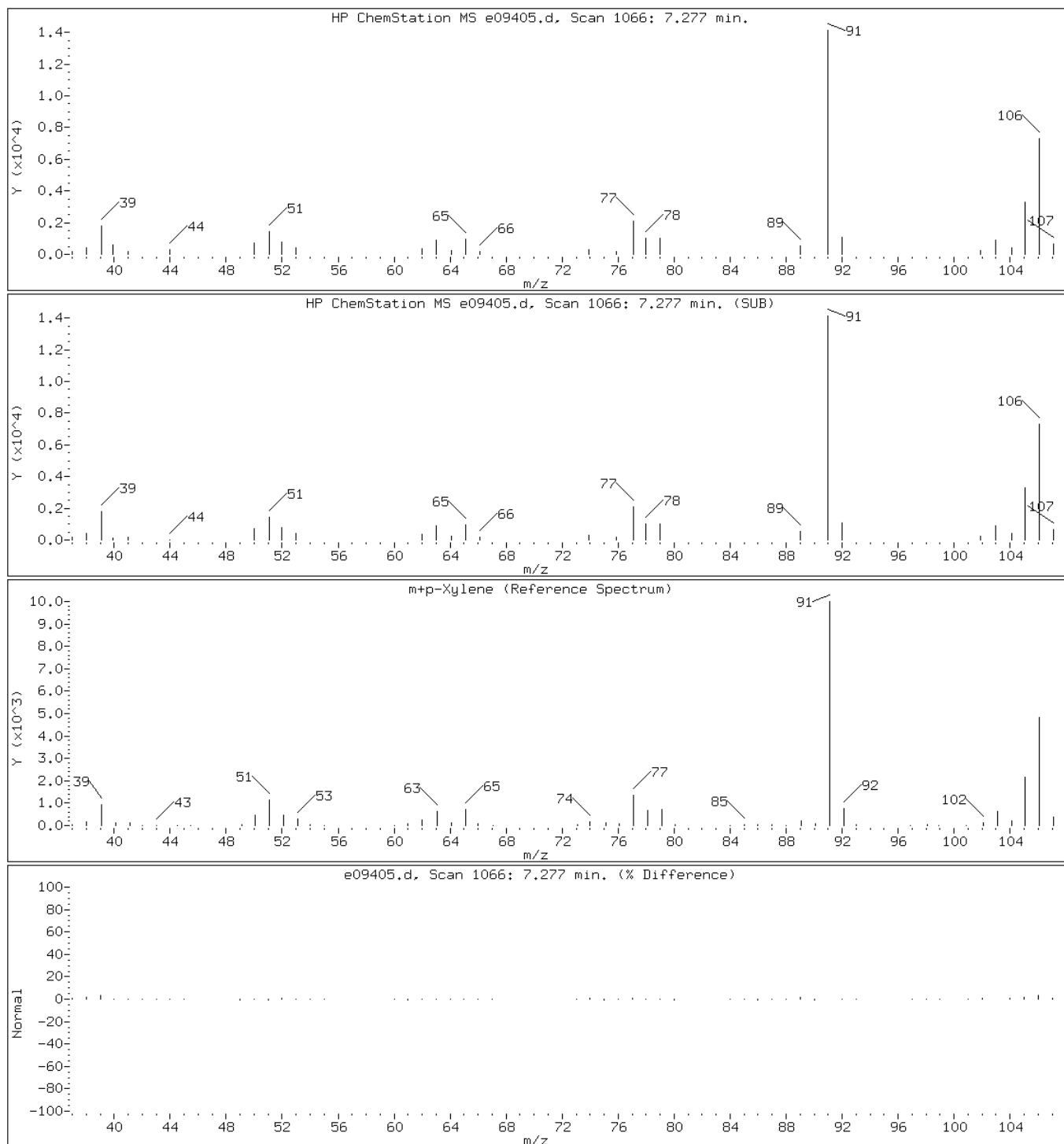
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-2

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e09405.d

Date: 25-OCT-2012 10:15

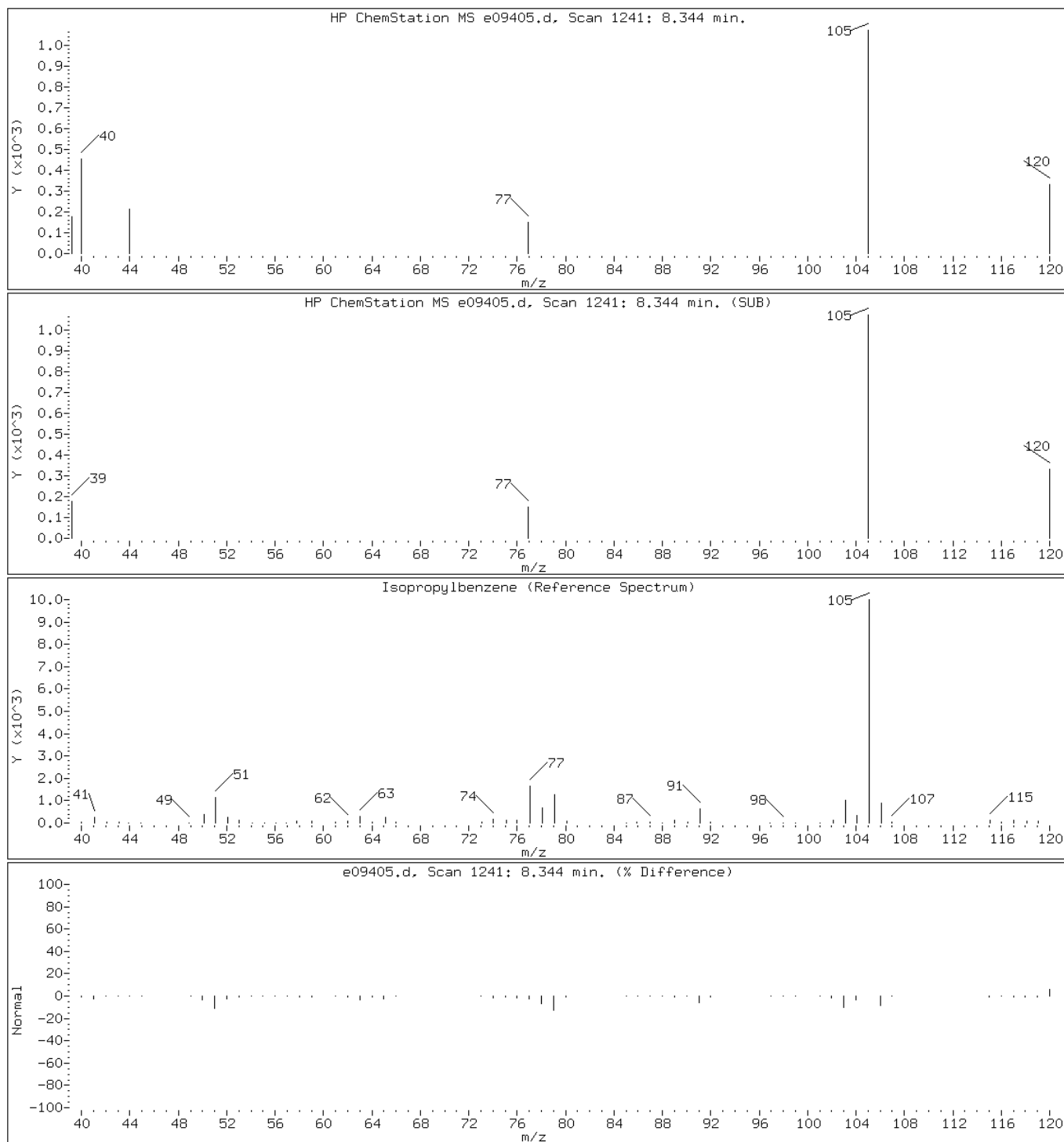
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-2

Operator: GC/MS VOAMS5

88 Isopropylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW35-MM-2 Lab Sample ID: 460-46192-3
 Matrix: Water Lab File ID: e09406.d
 Analysis Method: 8260B Date Collected: 10/18/2012 13:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 10:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.28	J	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.45	J	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.87	J	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW35-MM-2 Lab Sample ID: 460-46192-3
 Matrix: Water Lab File ID: e09406.d
 Analysis Method: 8260B Date Collected: 10/18/2012 13:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 10:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	1.3	J	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	105		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Client Sample ID: WG-17338-101812-MW35-MM-2 Lab Sample ID: 460-46192-3
Matrix: Water Lab File ID: e09406.d
Analysis Method: 8260B Date Collected: 10/18/2012 13:50
Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 10:38
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 133510 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09406.d
 Report Date: 26-Oct-2012 10:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09406.d
 Lab Smp Id: 460-46192-A-3 Client Smp ID: WG-17338-101812-MW3
 Inj Date : 25-OCT-2012 10:38
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-3
 Misc Info : 460-46192-A-3
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 26-Oct-2012 04:05 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
48 Benzene		78	3.260	3.260 (0.469)		8646	0.44549	0.44(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.363 (0.934)		275999	50.6240	51
* 52 Fluorobenzene		96	3.601	3.595 (1.000)		921729	50.0000	
54 Trichloroethene		95	3.747	3.741 (1.041)		4762	0.86977	0.87(a)
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		916272	50.6989	51
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		837087	50.0000	
81 Ethylbenzene		106	7.064	7.064 (1.016)		2178	0.28450	0.28(a)
82 m+p-Xylene		106	7.277	7.277 (1.046)		12975	1.31531	1.3
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710 (0.832)		445547	52.4377	52
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466 (1.000)		512446	50.0000	
M 121 Xylene (Total)		100				12975	1.31531	1.3(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e09406.d

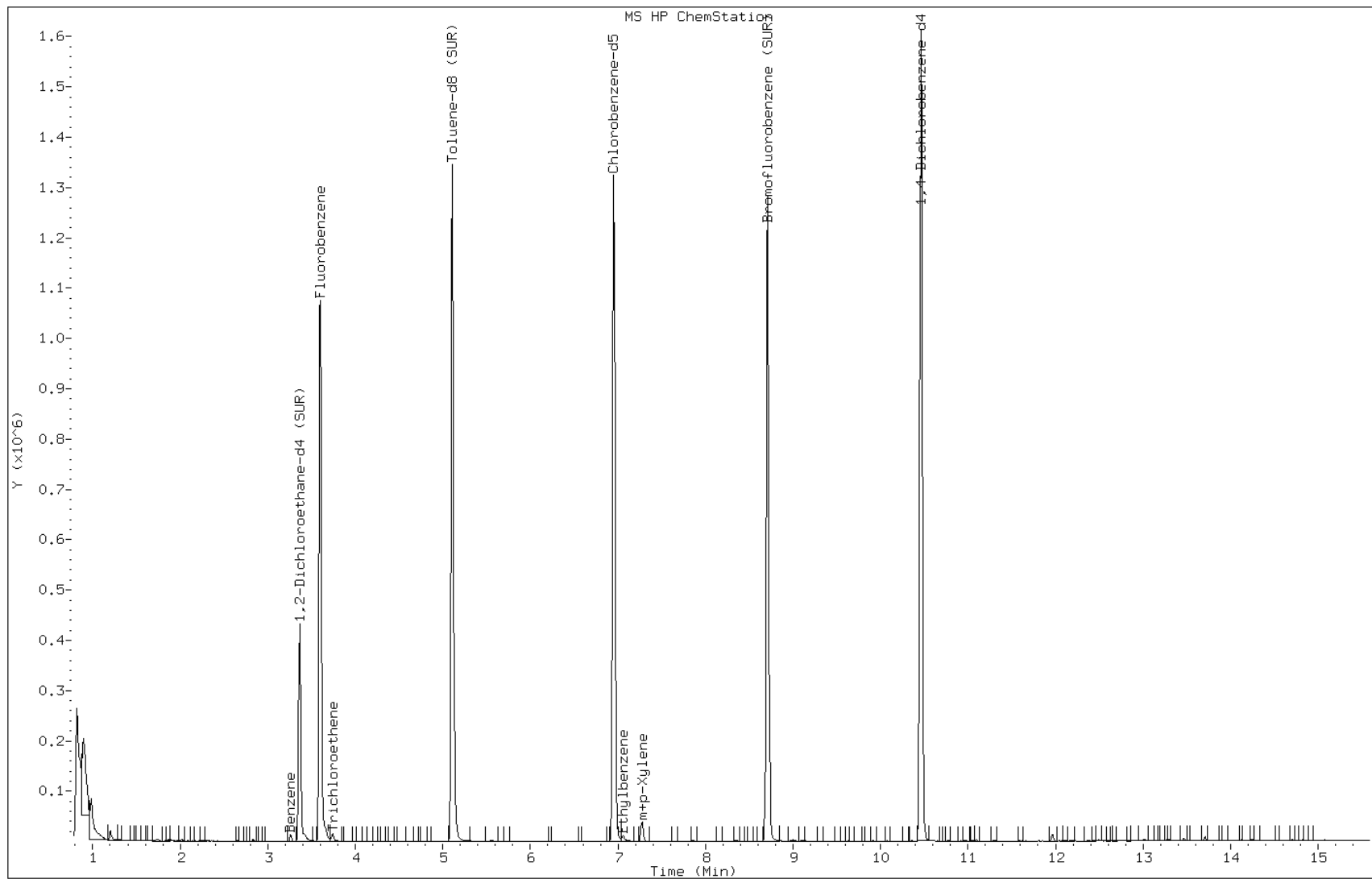
Date: 25-OCT-2012 10:38

Client ID: WG-17338-101812-MW3

Instrument: VOAMS5.i

Sample Info: 460-46192-A-3

Operator: GC/MS VOAMS5



Data File: e09406.d

Date: 25-OCT-2012 10:38

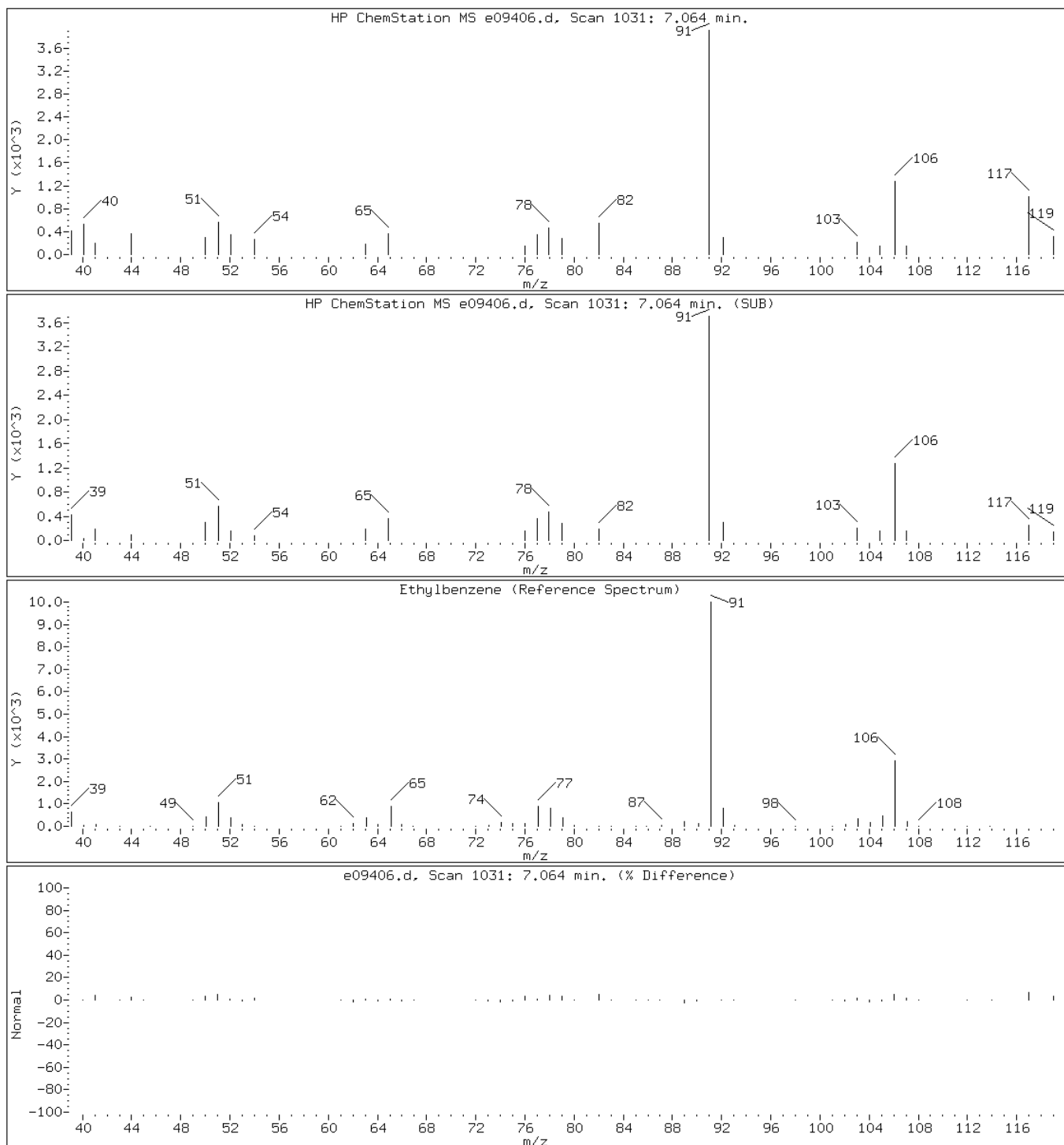
Client ID: WG-17338-101812-MW3

Instrument: VOAMS5.i

Sample Info: 460-46192-A-3

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e09406.d

Date: 25-OCT-2012 10:38

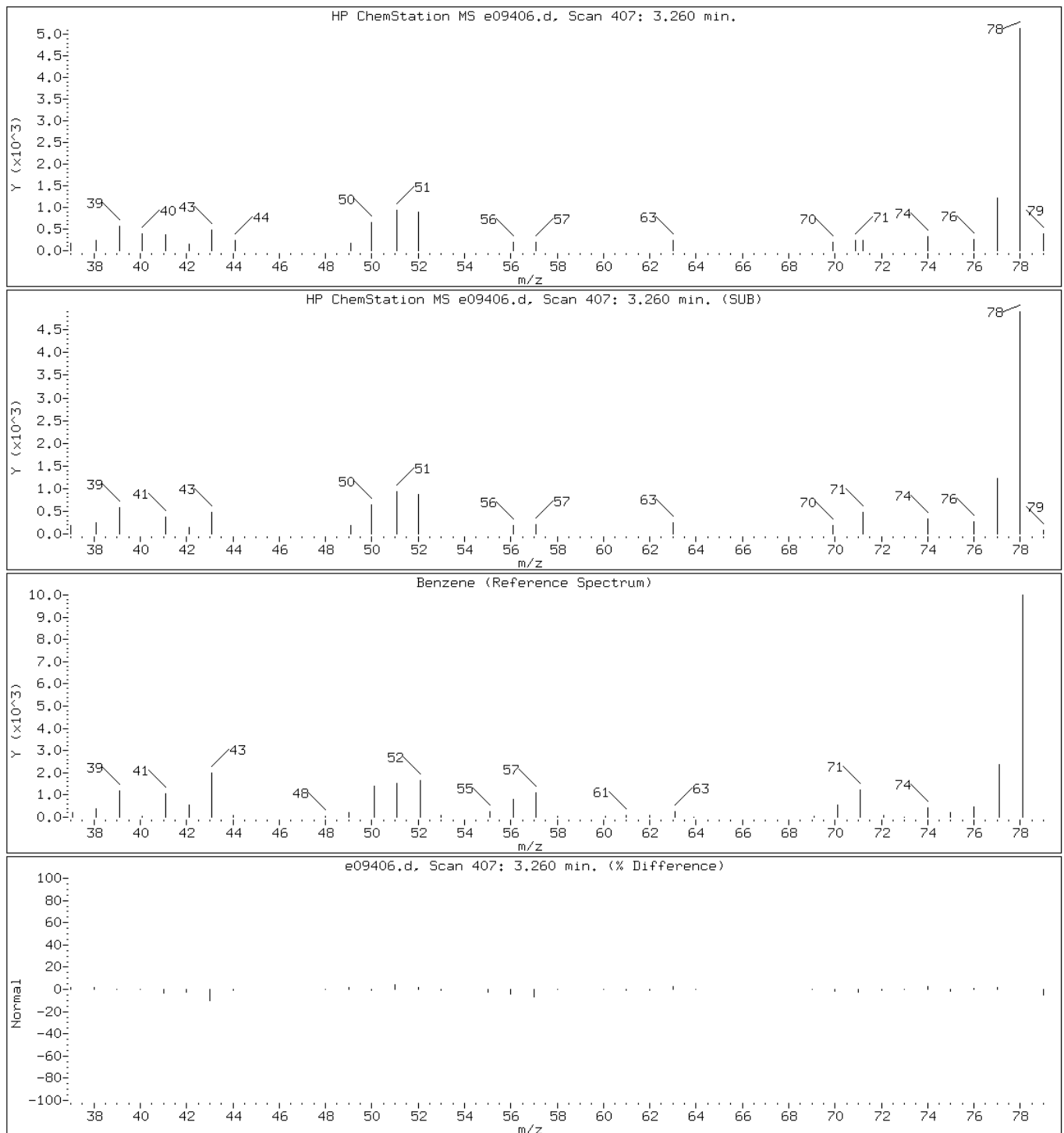
Client ID: WG-17338-101812-MW3

Instrument: VOAMS5.i

Sample Info: 460-46192-A-3

Operator: GC/MS VOAMS5

48 Benzene



Data File: e09406.d

Date: 25-OCT-2012 10:38

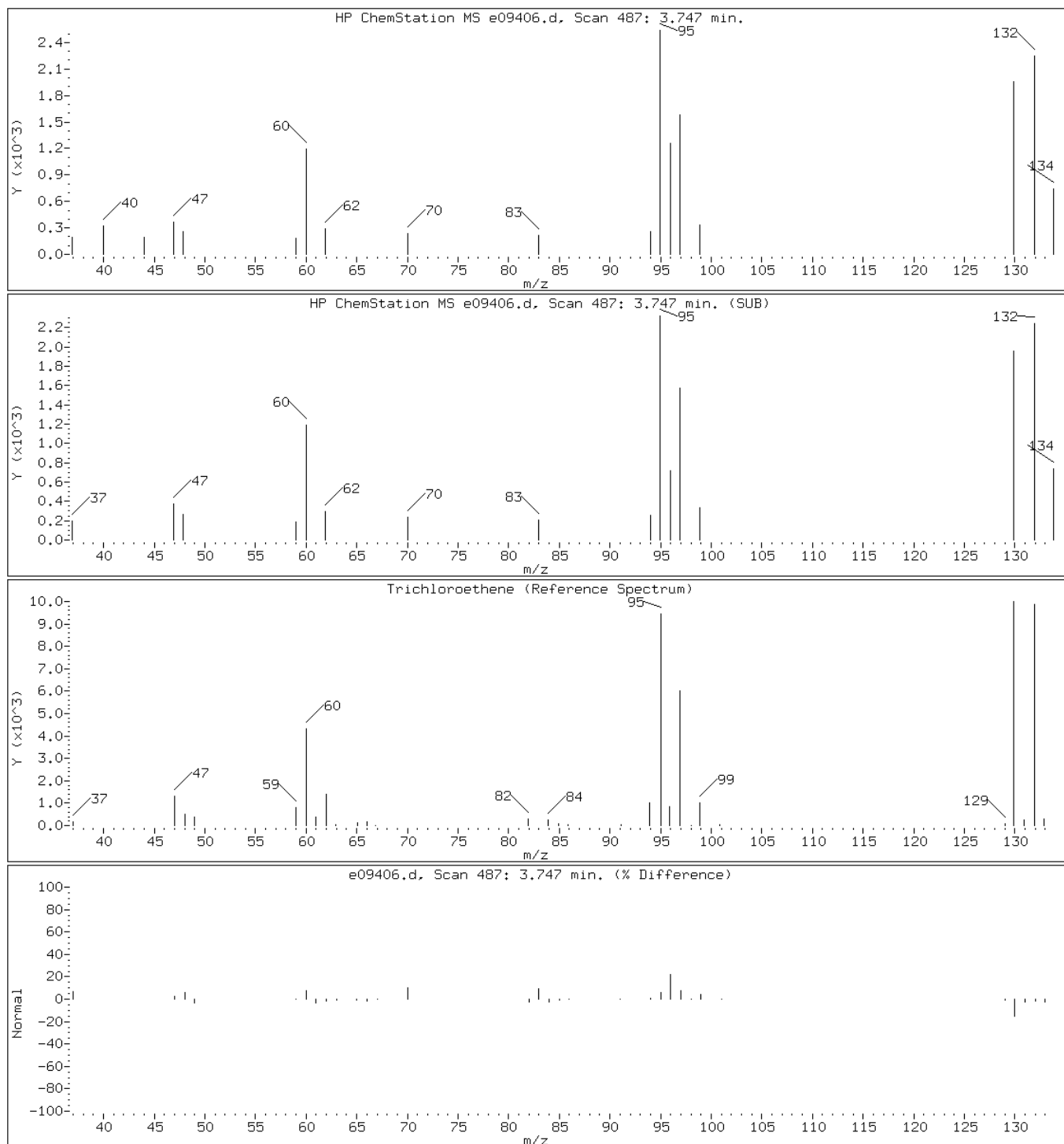
Client ID: WG-17338-101812-MW3

Instrument: VOAMS5.i

Sample Info: 460-46192-A-3

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e09406.d

Date: 25-OCT-2012 10:38

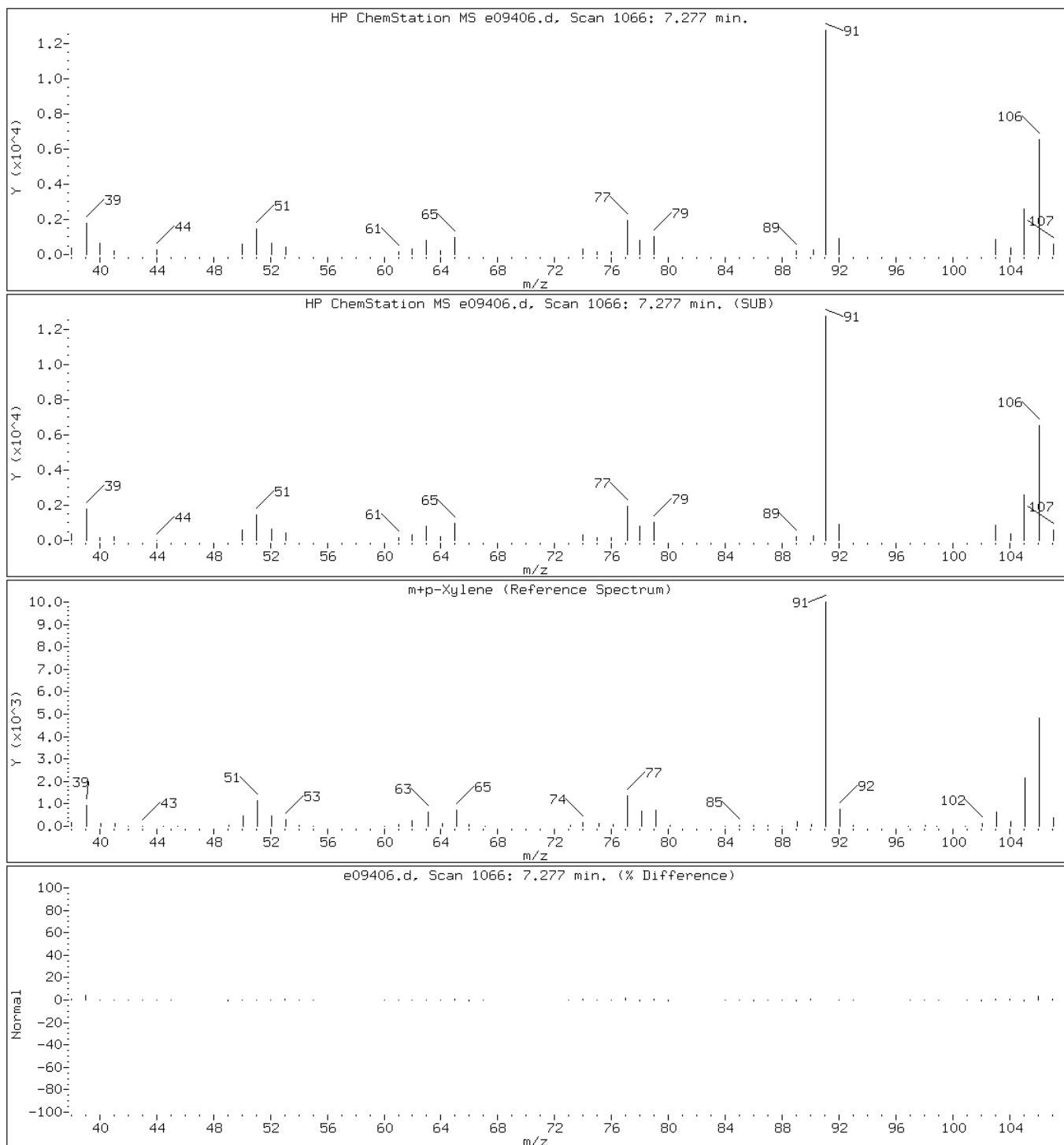
Client ID: WG-17338-101812-MW3

Instrument: VOAMS5.i

Sample Info: 460-46192-A-3

Operator: GC/MS VOAMS5

82 m+p-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4
 Matrix: Water Lab File ID: e09404.d
 Analysis Method: 8260B Date Collected: 10/18/2012 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.21	J	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4
 Matrix: Water Lab File ID: e09404.d
 Analysis Method: 8260B Date Collected: 10/18/2012 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.95	J	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
460-00-4	4-Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4
Matrix: Water Lab File ID: e09404.d
Analysis Method: 8260B Date Collected: 10/18/2012 15:10
Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:51
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 133510 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09404.d
 Report Date: 26-Oct-2012 10:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09404.d
 Lab Smp Id: 460-46192-A-4 Client Smp ID: WG-17338-101812-MW2
 Inj Date : 25-OCT-2012 09:51
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-4
 Misc Info : 460-46192-A-4
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 26-Oct-2012 04:05 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.363 (0.934)		275346	51.1836	51
* 52 Fluorobenzene		96	3.601	3.595 (1.000)		909494	50.0000	
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		900809	49.7913	50
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		837961	50.0000	
81 Ethylbenzene		106	7.064	7.064 (1.016)		1617	0.21100	0.21(a)
82 m+p-Xylene		106	7.277	7.277 (1.046)		9360	0.94786	0.95(a)
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710 (0.832)		451621	50.6225	51
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466 (1.000)		538057	50.0000	
M 121 Xylene (Total)		100				9360	0.94786	0.95(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e09404.d

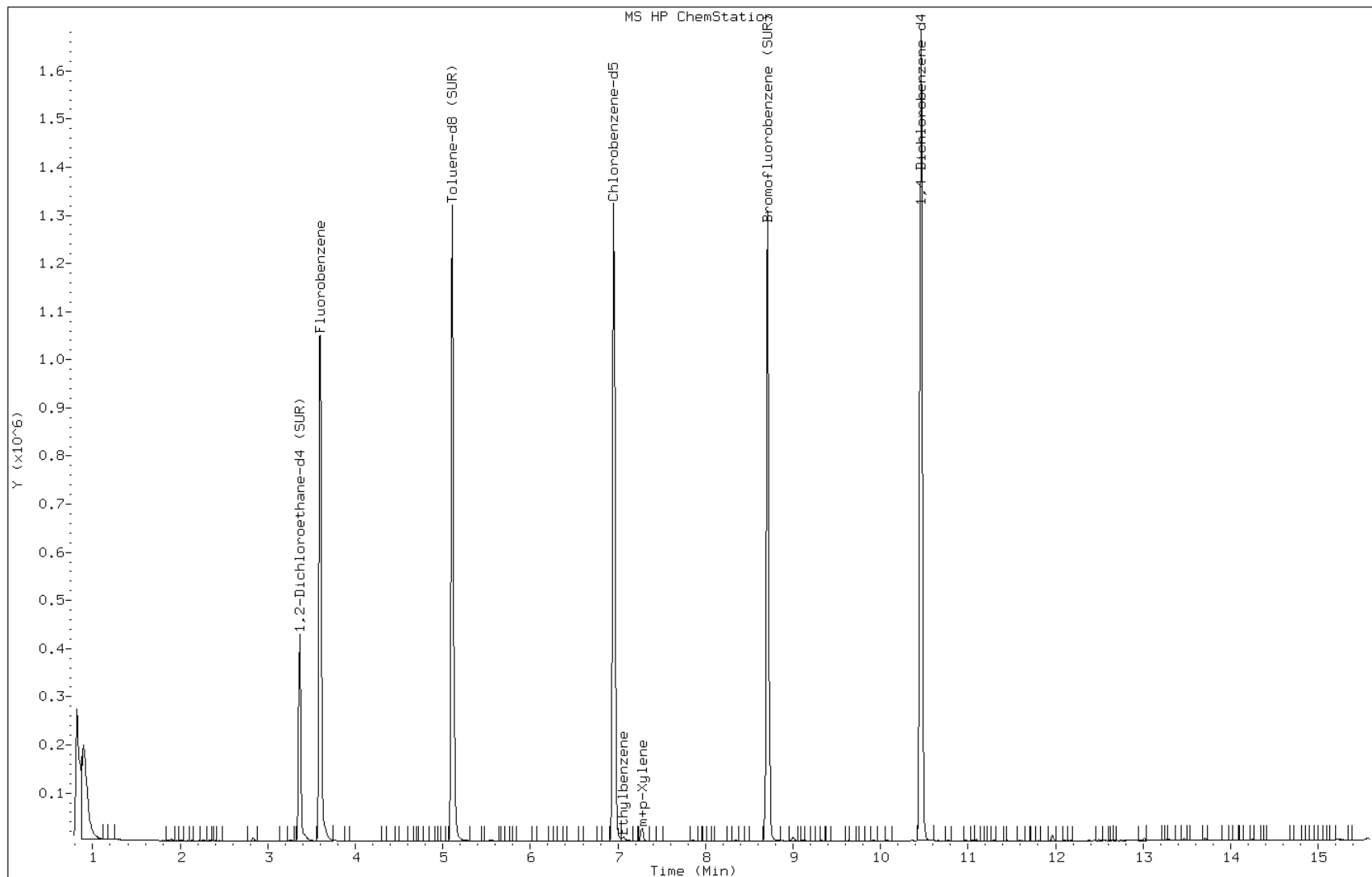
Date: 25-OCT-2012 09:51

Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-4

Operator: GC/MS VOAMS5



Data File: e09404.d

Date: 25-OCT-2012 09:51

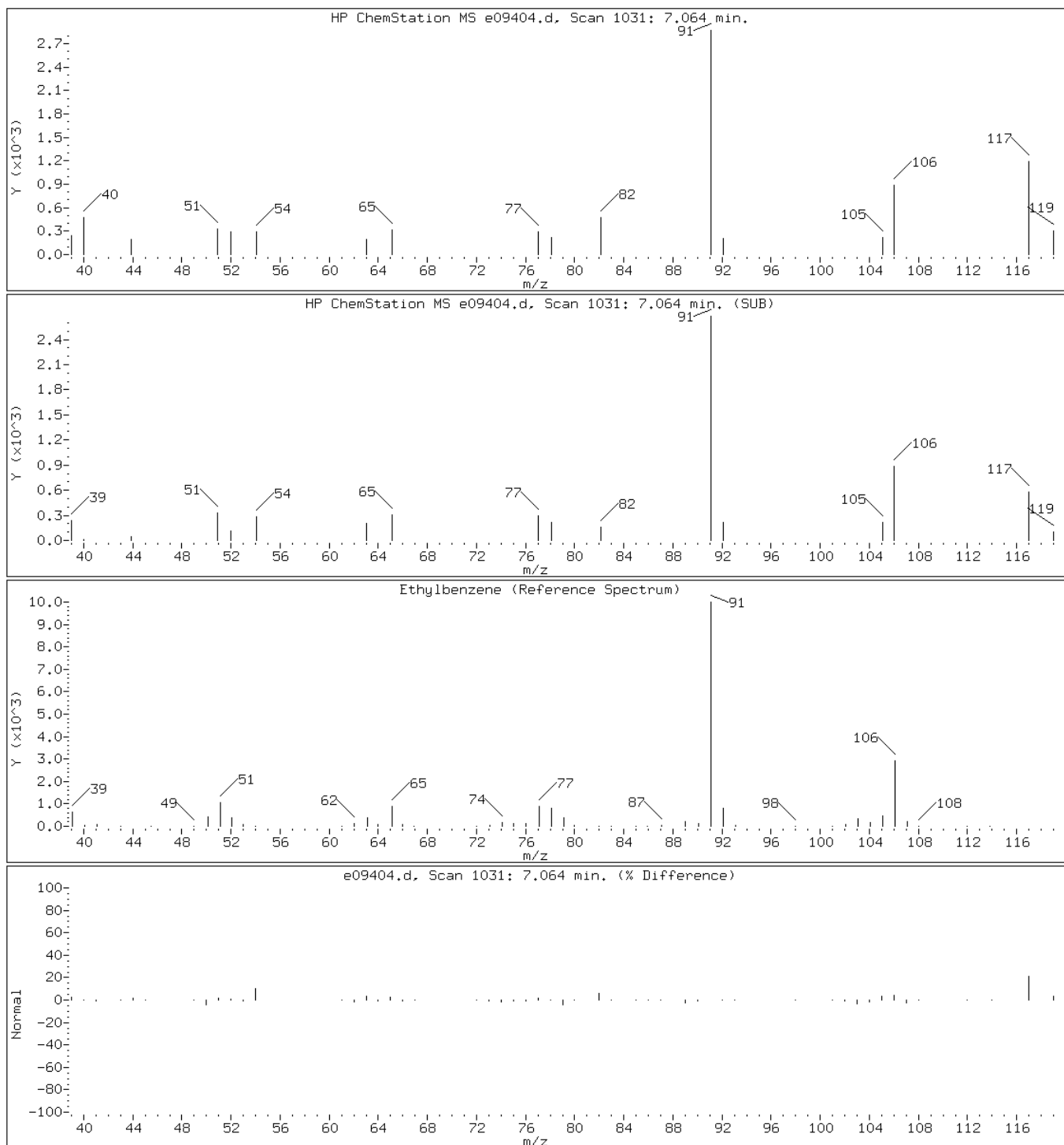
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-4

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e09404.d

Date: 25-OCT-2012 09:51

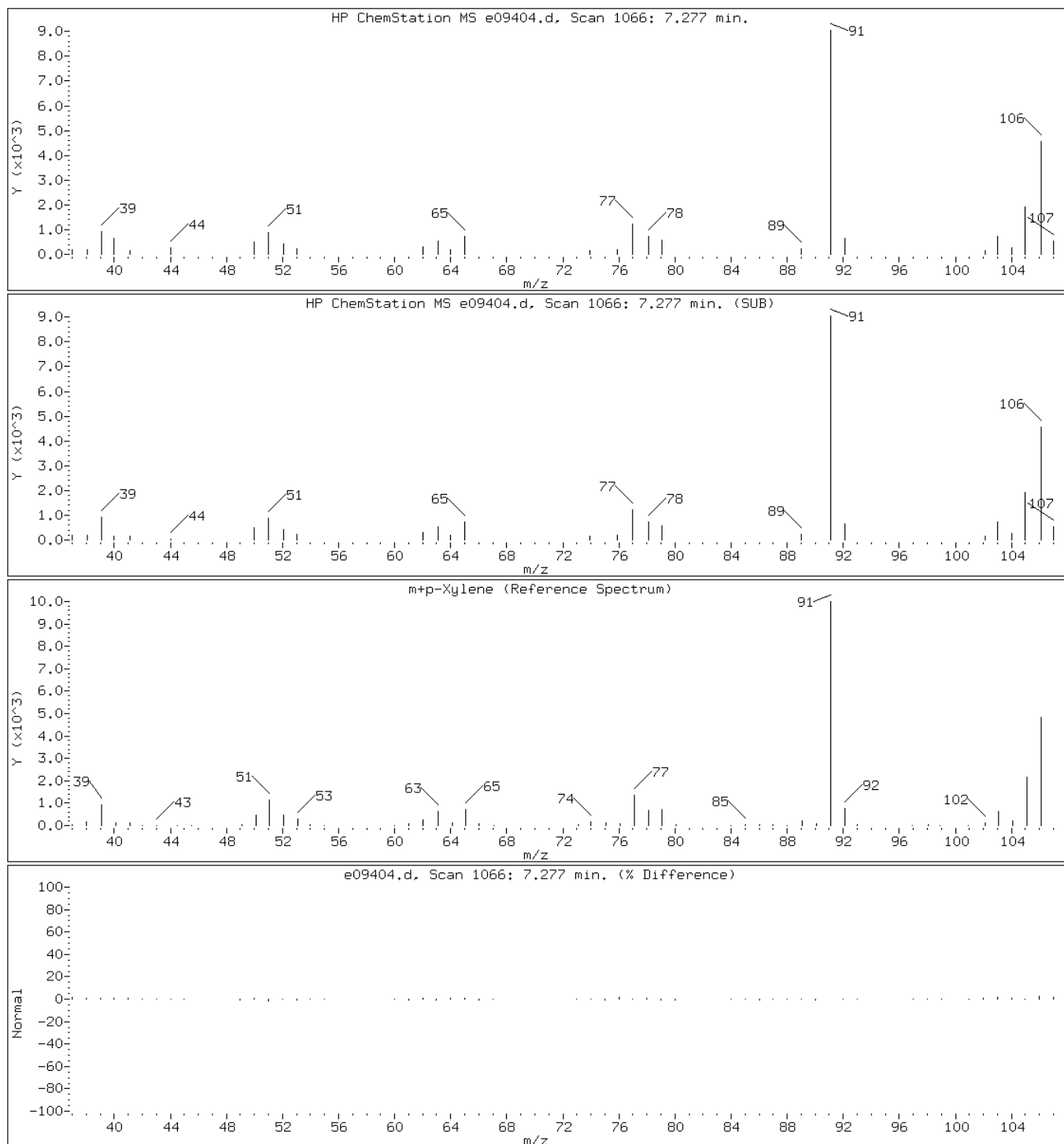
Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-4

Operator: GC/MS VOAMS5

82 m+p-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Client Sample ID: TB-17338-101812-263 Lab Sample ID: 460-46192-5

Matrix: Water Lab File ID: e09403.d

Analysis Method: 8260B Date Collected: 10/18/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.97	J	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: TB-17338-101812-263 Lab Sample ID: 460-46192-5
 Matrix: Water Lab File ID: e09403.d
 Analysis Method: 8260B Date Collected: 10/18/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Client Sample ID: TB-17338-101812-263 Lab Sample ID: 460-46192-5
Matrix: Water Lab File ID: e09403.d
Analysis Method: 8260B Date Collected: 10/18/2012 00:00
Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:28
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 133510 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09403.d
 Report Date: 26-Oct-2012 09:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09403.d
 Lab Smp Id: 460-46192-A-5 Client Smp ID: TB-17338-101812-263
 Inj Date : 25-OCT-2012 09:28
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-5
 Misc Info : 460-46192-A-5
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 26-Oct-2012 04:05 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride		49	1.864	1.864	(0.518)	6755	0.96729	0.97(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.363	(0.934)	277142	52.7619	53
* 52 Fluorobenzene		96	3.601	3.595	(1.000)	888044	50.0000	
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107	(0.734)	898197	50.1852	50
* 78 Chlorobenzene-d5		117	6.954	6.954	(1.000)	828973	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710	(0.832)	461440	50.9959	51
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466	(1.000)	545730	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e09403.d

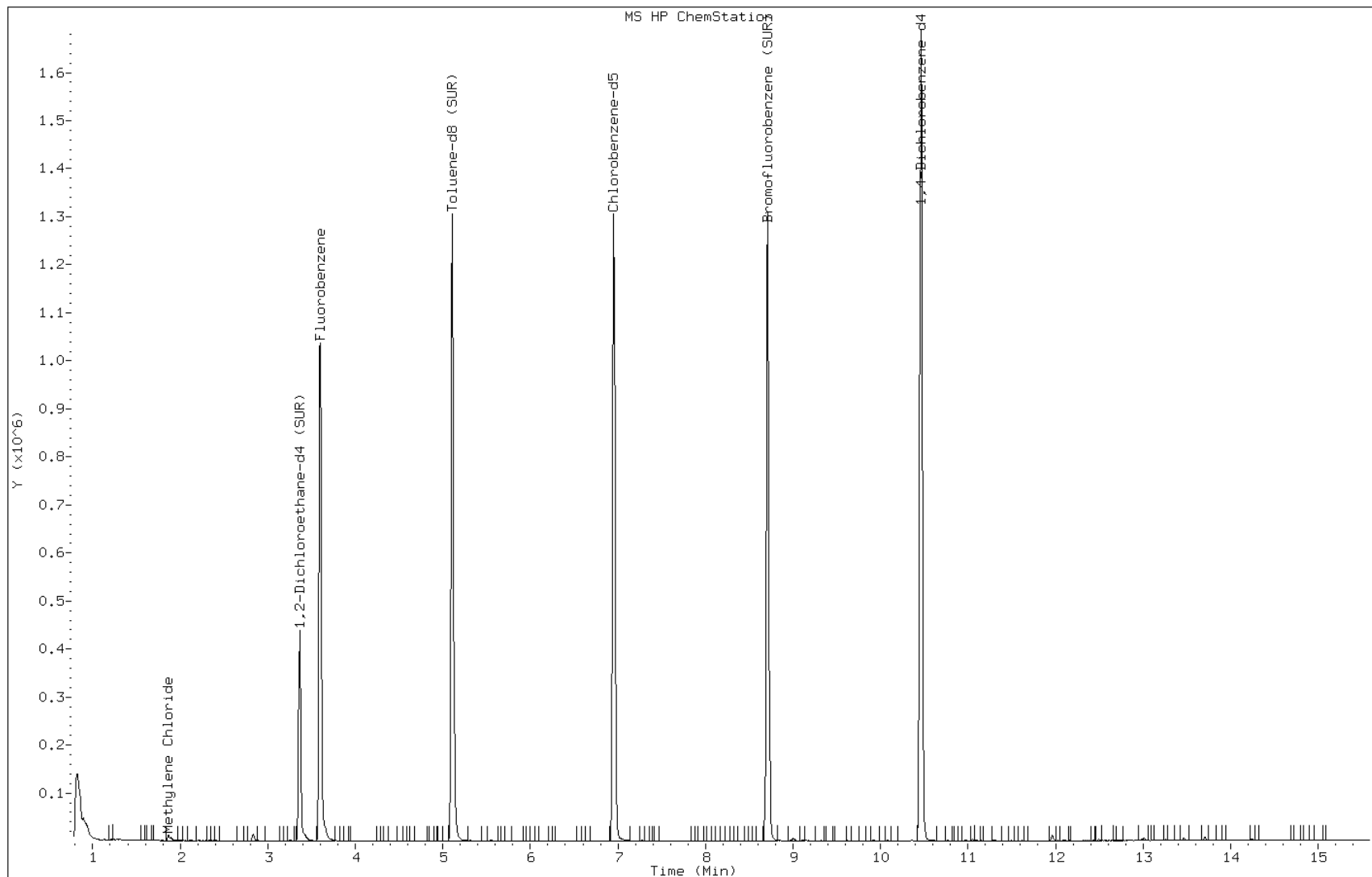
Date: 25-OCT-2012 09:28

Client ID: TB-17338-101812-263

Instrument: VOAMS5.i

Sample Info: 460-46192-A-5

Operator: GC/MS VOAMS5



Data File: e09403.d

Date: 25-OCT-2012 09:28

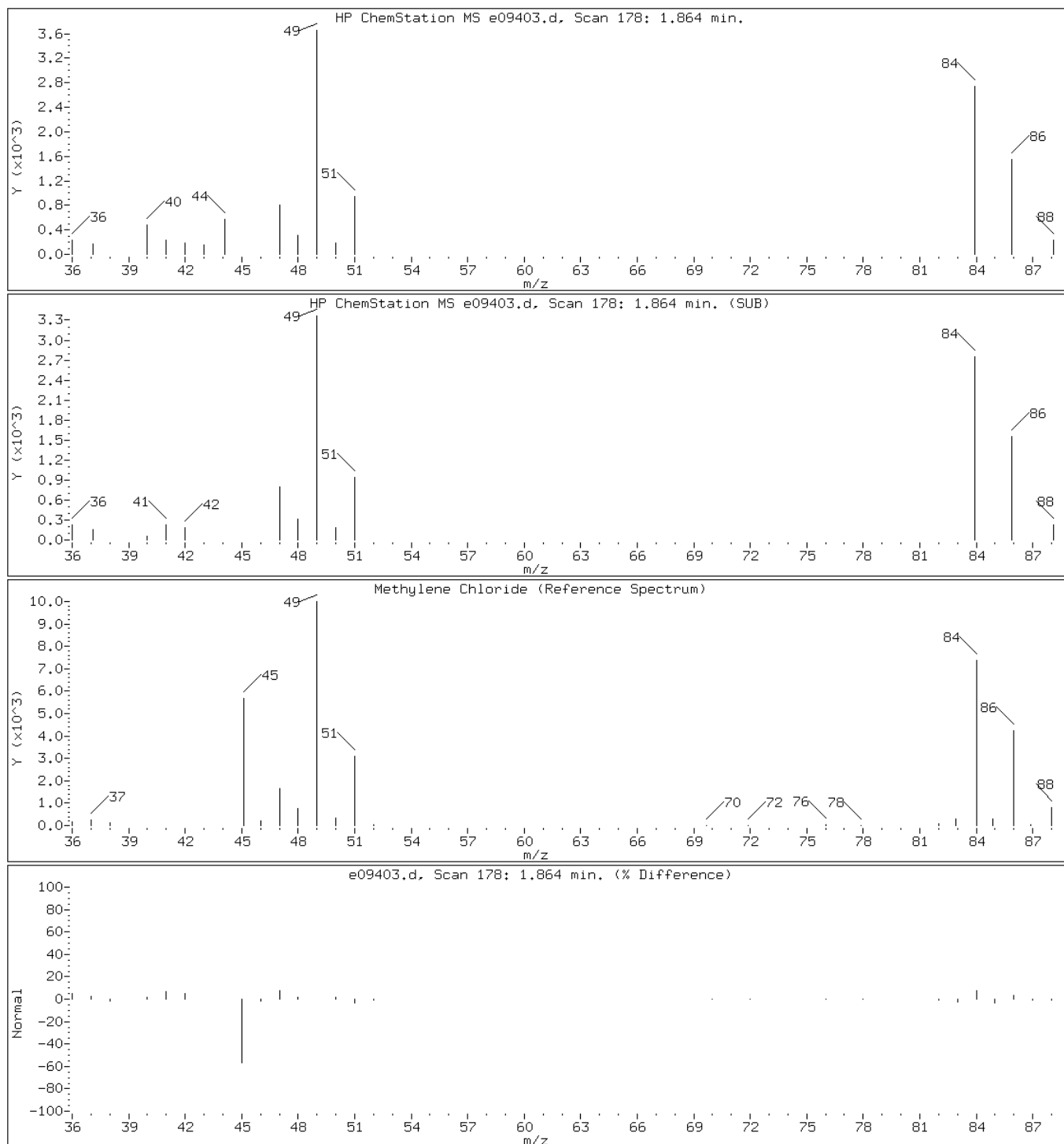
Client ID: TB-17338-101812-263

Instrument: VOAMS5.i

Sample Info: 460-46192-A-5

Operator: GC/MS VOAMS5

22 Methylene Chloride



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-46192-1 Analy Batch No.: 133133

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2012 22:48 Calibration End Date: 10/23/2012 01:57 Calibration ID: 18208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-133133/3	e09277.d
Level 2	IC 460-133133/4	e09278.d
Level 3	ICIS 460-133133/2	e09273.d
Level 4	IC 460-133133/5	e09279.d
Level 5	IC 460-133133/6	e09280.d
Level 6	IC 460-133133/7	e09281.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2675 0.1971	0.2543	0.1998	0.1945	0.2136	Ave		0.2211			0.1000	14.4		30.0			
Chloromethane	0.4969 0.3947	0.4680	0.4065	0.3889	0.4199	Ave		0.4291			0.1000	10.2		30.0			
Vinyl chloride	0.3688 0.3220	0.3581	0.3275	0.3099	0.3315	Ave		0.3363			0.1000	6.7		30.0			
Bromomethane	0.2944 0.1802	0.2376	0.1992	0.1830	0.1981	LinF		0.1829							0.9983		0.9900
Chloroethane	0.2413 ++++	0.2066	0.1882	0.1781	0.1792	Ave		0.1987			0.1000	13.3		30.0			
Trichlorofluoromethane	0.3526 0.2938	0.3558	0.3339	0.3163	0.2927	Ave		0.3242			0.1000	8.6		30.0			
1,1-Dichloroethene	0.2064 0.1944	0.2091	0.1698	0.1798	0.1772	Ave		0.1893			0.1000	8.6		30.0			
Carbon disulfide	0.7986 0.7980	0.7632	0.6881	0.6789	0.7655	Ave		0.7487			0.1000	7.1		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2246 0.2398	0.2408	0.1987	0.2080	0.2272	Ave		0.2232			0.1000	7.6		30.0			
Methylene Chloride	0.4517 0.3226	0.3798	0.3490	0.3396	0.3260	Ave		0.3615			0.1000	13.5		30.0			
Acetone	0.0244 0.0237	0.0218	0.0255	0.0237	0.0254	Ave		0.0241		*	0.1000	5.6		30.0			
trans-1,2-Dichloroethene	0.2319 0.2493	0.2426	0.2135	0.2216	0.2344	Ave		0.2322			0.1000	5.7		30.0			
Methyl acetate	0.0530 0.0522	0.0517	0.0462	0.0473	0.0491	Ave		0.0499		*	0.1000	5.6		30.0			
Methyl tert-butyl ether	0.7983 0.8293	0.7461	0.7241	0.7432	0.7725	Ave		0.7689			0.1000	5.1		30.0			
1,1-Dichloroethane	0.5040 0.4933	0.4981	0.4561	0.4734	0.4670	Ave		0.4820			0.1000	4.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-46192-1 Analy Batch No.: 133133

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2012 22:48 Calibration End Date: 10/23/2012 01:57 Calibration ID: 18208

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.2830 0.2648	0.2642	0.2483	0.2458	0.2496	Ave		0.2593			0.1000	5.5		30.0			
Cyclohexane	0.4293 0.4843	0.4172	0.3584	0.3777	0.4293	Ave		0.4160			0.1000	10.6		30.0			
Chloroform	0.4542 0.4614	0.4428	0.4359	0.4421	0.4484	Ave		0.4475			0.1000	2.1		30.0			
Carbon tetrachloride	0.3185 0.3748	0.3206	0.2780	0.3006	0.3488	Ave		0.3236			0.1000	10.6		30.0			
1,1,1-Trichloroethane	0.3801 0.4405	0.3738	0.3516	0.3749	0.4195	Ave		0.3901			0.1000	8.5		30.0			
2-Butanone (MEK)	0.0288 0.0479	0.0297	0.0397	0.0410	0.0463	LinF		0.0476							0.9993		0.9900
Benzene	1.2448 1.2904	1.2342	1.1657	1.1725	1.2158	Ave		1.2206			0.1000	3.8		30.0			
1,2-Dichloroethane	0.3795 0.3782	0.3577	0.3577	0.3545	0.3680	Ave		0.3659			0.1000	3.0		30.0			
Methylcyclohexane	0.4067 0.4110	0.3775	0.3259	0.3353	0.3628	Ave		0.3699			0.1000	9.6		30.0			
Trichloroethene	0.2898 0.3156	0.2821	0.2490	0.2533	0.2846	Ave		0.2791			0.1000	8.9		30.0			
1,2-Dichloropropane	0.2788 0.3100	0.2781	0.2727	0.2687	0.2880	Ave		0.2827			0.1000	5.3		30.0			
Dichlorobromomethane	0.3181 0.4122	0.3297	0.3455	0.3413	0.3870	Ave		0.3556			0.1000	10.2		30.0			
cis-1,3-Dichloropropene	0.4975 0.5861	0.5190	0.5141	0.5133	0.5361	Ave		0.5277			0.1000	5.9		30.0			
Toluene	1.4982 1.4669	1.4900	1.3856	1.3655	1.4241	Ave		1.4384			0.1000	3.9		30.0			
Tetrachloroethene	0.3980 0.3866	0.3836	0.3423	0.3517	0.3680	Ave		0.3717			0.1000	5.8		30.0			
4-Methyl-2-pentanone (MIBK)	0.3405 0.3573	0.3098	0.2925	0.3010	0.3227	Ave		0.3206			0.1000	7.7		30.0			
trans-1,3-Dichloropropene	0.4179 0.5667	0.4472	0.4766	0.4738	0.5141	Ave		0.4827			0.1000	10.8		30.0			
1,1,2-Trichloroethane	0.2159 0.2510	0.2332	0.2282	0.2199	0.2305	Ave		0.2298			0.1000	5.3		30.0			
Chlorodibromomethane	0.2905 0.3928	0.3085	0.3344	0.3318	0.3648	Ave		0.3371			0.1000	11.0		30.0			
1,2-Dibromoethane	0.2840 0.3092	0.2875	0.2901	0.2805	0.2975	Ave		0.2914			0.1000	3.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-46192-1 Analy Batch No.: 133133

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2012 22:48 Calibration End Date: 10/23/2012 01:57 Calibration ID: 18208

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2566 0.2414	0.2331	0.2525	0.2355	0.2525	Ave		0.2453			0.1000	4.0		30.0			
Chlorobenzene	1.0611 1.0190	1.0203	0.9865	0.9502	1.0158	Ave		1.0088			0.1000	3.7		30.0			
Ethylbenzene	0.5672 0.5830	0.5477	0.5069	0.5060	0.5621	Ave		0.5455			0.1000	5.9		30.0			
m-Xylene & p-Xylene	0.7084 0.6888	0.6864	0.6532	0.6414	0.7308	Ave		0.6848			0.1000	4.9		30.0			
o-Xylene	0.6730 0.6671	0.6771	0.6444	0.6263	0.6929	Ave		0.6635			0.1000	3.6		30.0			
Bromoform	0.2031 0.2857	0.2242	0.2497	0.2480	0.2976	Ave		0.2514			0.1000	14.2		30.0			
Styrene	1.0828 1.1685	1.1123	1.1141	1.0726	1.2200	Ave		1.1284			0.1000	5.0		30.0			
Isopropylbenzene	1.6847 1.5774	1.6824	1.5772	1.5763	1.7489	Ave		1.6411			0.1000	4.5		30.0			
1,1,2,2-Tetrachloroethane	0.5877 0.6582	0.5799	0.6175	0.5607	0.6359	Ave		0.6066			0.1000	6.1		30.0			
1,3-Dichlorobenzene	1.4148 1.3852	1.3439	1.3460	1.2884	1.3745	Ave		1.3588			0.1000	3.2		30.0			
1,4-Dichlorobenzene	1.5439 1.4126	1.4239	1.3978	1.3299	1.4105	Ave		1.4198			0.1000	4.9		30.0			
1,2-Dichlorobenzene	1.3273 1.3159	1.2948	1.2874	1.2387	1.2996	Ave		1.2940			0.1000	2.4		30.0			
1,2-Dibromo-3-Chloropropane	0.0972 0.1157	0.0943	0.1045	0.0967	0.1091	Ave		0.1029			0.1000	8.1		30.0			
1,2,4-Trichlorobenzene	0.8658 0.7433	0.7463	0.7737	0.7071	0.7163	Ave		0.7588			0.1000	7.6		30.0			
1,2-Dichloroethane-d4 (Surr)	0.2689 0.2918	0.2712	0.2619	0.2683	0.2676	Ave		0.2716			0.1000	3.8		30.0			
Toluene-d8 (Surr)	1.0511 1.0013	1.0461	1.0491	1.0610	1.0113	Ave		1.0367			0.1000	2.3		30.0			
4-Bromofluorobenzene	0.8495 0.8628	0.8285	0.8370	0.8370	0.8659	Ave		0.8468			0.1000	1.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-46192-1 Analy Batch No.: 133133

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2012 22:48 Calibration End Date: 10/23/2012 01:57 Calibration ID: 18208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-133133/3	e09277.d
Level 2	IC 460-133133/4	e09278.d
Level 3	ICIS 460-133133/2	e09273.d
Level 4	IC 460-133133/5	e09279.d
Level 5	IC 460-133133/6	e09280.d
Level 6	IC 460-133133/7	e09281.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5652 2641093	27039	87989	213774	958172	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	10499 5289390	49748	179016	427508	1883260	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7792 4315724	38066	144221	340692	1486824	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	6221 2414765	25258	87741	201169	888247	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5098 ++++	21966	82894	195756	803698	1.00 ++++	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	7451 3936688	37823	147057	347725	1312784	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	4360 2604993	22226	74767	197642	794898	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16873 10693293	81132	303028	746243	3433007	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4746 3213405	25595	87510	228588	1019119	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	9543 4322633	40381	153721	373280	1462225	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	2578 317359	6955	11217	26042	113798	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4899 3341417	25787	94047	243580	1051302	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1119 699726	5492	20338	52038	220167	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	16868 11113713	79316	318920	816984	3464387	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	10649 6610081	52949	200872	520402	2094218	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5979 3548938	28082	109361	270211	1119261	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-46192-1 Analy Batch No.: 133133

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2012 22:48 Calibration End Date: 10/23/2012 01:57 Calibration ID: 18208

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	9071 6490239	44349	157862	415149	1925338	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	9596 6182871	47073	191977	485952	2011060	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6730 5022722	34080	122450	330472	1564485	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8031 5902931	39740	154868	412044	1881521	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	LinF	3043 641434	9468	17466	45083	207809	5.00 500	15.0	20.0	50.0	200
Benzene	CBZ	Ave	22501 15292699	111968	443002	1097892	4875952	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	8018 5068256	38025	157546	389707	1650219	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8593 5507619	40133	143545	368564	1627062	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	6124 4229174	29991	109657	278396	1276244	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5891 4154314	29564	120103	295330	1291486	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	6721 5524121	35047	152171	375130	1735496	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	8993 6946495	47081	195397	480591	2150085	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	27081 17384836	135172	526606	1278522	5711343	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	7195 4581393	34799	130089	329329	1475873	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	30775 4234091	84312	111145	281868	1294026	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	7554 6716304	40569	181114	443675	2061669	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3902 2974610	21156	86718	205930	924389	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	5251 4655038	27987	127105	310646	1462961	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	5133 3664694	26080	110235	262595	1192992	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	23192 2860968	63434	95948	220487	1012683	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	19181 12076194	92558	374897	889738	4073934	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-46192-1 Analy Batch No.: 133133

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2012 22:48 Calibration End Date: 10/23/2012 01:57 Calibration ID: 18208

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZ	Ave	10253 6909087	49684	192639	473826	2254445	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	25611 16326844	124543	496459	1201209	5861845	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	12165 7906278	61421	244886	586427	2778797	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3672 3386225	20340	94905	232249	1193442	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	19573 13848523	100902	423418	1004339	4892888	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	30452 18694381	152621	599386	1475964	7014081	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6618 4392112	33482	147424	337007	1615148	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	15932 9243627	77593	321356	774407	3491238	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	17385 9426565	82213	333710	799327	3582657	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	14946 8780749	74759	307366	744554	3301002	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1094 772181	5446	24955	58145	277143	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	9750 4960064	43086	184728	425017	1819367	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	284034 390976	288310	288382	294972	300073	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	949983 1186675	948992	996798	993419	1013962	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	478286 575768	478323	499558	503114	549858	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

LinF = Linear ISTD forced zero

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09273.d
 Report Date: 23-Oct-2012 02:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09273.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 22-OCT-2012 22:48
 Operator : GC/MS VOAMS5
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/8260DE_09.m
 Meth Date : 23-Oct-2012 02:21 ken
 Cal Date : 22-OCT-2012 22:48
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e09273.d

Calibration Sample, Level: 3

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	87989	20.0000	18
3 Chloromethane	50	1.016	1.016	(0.283)	179016	20.0000	19
4 Vinyl Chloride	62	1.028	1.028	(0.286)	144221	20.0000	19
6 Bromomethane	94	1.181	1.181	(0.328)	87741	20.0000	18
5 Chloroethane	64	1.236	1.236	(0.344)	82894	20.0000	20
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	147057	20.0000	20
14 Freon TF	101	1.571	1.571	(0.437)	87510	20.0000	18
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	74767	20.0000	18
16 Acetone	58	1.894	1.894	(0.527)	11217	20.0000	21
18 Carbon Disulfide	76	1.565	1.565	(0.435)	303028	20.0000	18
27 Methyl Acetate	74	1.961	1.961	(0.546)	20338	20.0000	18
22 Methylene Chloride	49	1.858	1.858	(0.517)	153721	20.0000	19
28 MTBE	73	2.022	2.022	(0.562)	318920	20.0000	19
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	94047	20.0000	18
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	200872	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	109361	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09273.d
 Report Date: 23-Oct-2012 02:21

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)	17466	20.0000	20
42 Chloroform	83		2.845	2.845	(0.791)	191977	20.0000	19
44 Cyclohexane	56		2.784	2.784	(0.774)	157862	20.0000	17
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)	154868	20.0000	18
45 Carbon Tetrachloride	117		2.931	2.931	(0.815)	122450	20.0000	17
48 Benzene	78		3.260	3.260	(0.469)	443002	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.936)	288382	50.0000	48
49 1,2-Dichloroethane	62		3.412	3.412	(0.949)	157546	20.0000	20
* 52 Fluorobenzene	96		3.595	3.595	(1.000)	1101033	50.0000	
54 Trichloroethene	95		3.741	3.741	(1.041)	109657	20.0000	18
56 Methyl cyclohexane	83		3.729	3.729	(1.037)	143545	20.0000	18
57 1,2-Dichloropropane	63		4.192	4.192	(1.166)	120103	20.0000	19
68 Bromodichloromethane	83		4.272	4.272	(1.188)	152171	20.0000	19
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)	195397	20.0000	19
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)	111145	20.0000	18
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)	996798	50.0000	51
66 Toluene	91		5.162	5.162	(0.742)	526606	20.0000	19
64 trans-1,3-Dichloropropene	75		5.650	5.650	(0.812)	181114	20.0000	20
69 1,1,2-Trichloroethane	83		5.826	5.826	(0.838)	86718	20.0000	20
71 Tetrachloroethene	166		5.582	5.582	(0.803)	130089	20.0000	18
73 2-Hexanone	43		6.674	6.674	(0.960)	95948	20.0000	20
74 Dibromochloromethane	129		6.015	6.015	(0.865)	127105	20.0000	20
77 1,2-Dibromoethane	107		6.259	6.259	(0.900)	110235	20.0000	20
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)	950107	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)	374897	20.0000	20
81 Ethylbenzene	106		7.064	7.064	(1.016)	192639	20.0000	18
82 m+p-Xylene	106		7.277	7.277	(1.046)	496459	40.0000	38
84 o-Xylene	106		7.856	7.856	(1.130)	244886	20.0000	19
85 Styrene	104		7.942	7.942	(1.142)	423418	20.0000	29
86 Bromoform	173		7.911	7.911	(1.138)	94905	20.0000	20
88 Isopropylbenzene	105		8.344	8.344	(1.200)	599386	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)	499558	50.0000	49
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)	147424	20.0000	20
105 1,3-Dichlorobenzene	146		10.325	10.325	(0.987)	321356	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)	596861	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)	333710	20.0000	20
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)	307366	20.0000	20(H)
112 1,2-Dibromo-3-chloropropane	75		12.234	12.234	(1.169)	24955	20.0000	20
114 1,2,4-Trichlorobenzene	180		12.983	12.983	(1.241)	184728	20.0000	20
M 120 1,2-Dichloroethene (Total)	100					203408	40.0000	38
M 121 Xylene (Total)	100					741345	60.0000	58

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: e09273.d

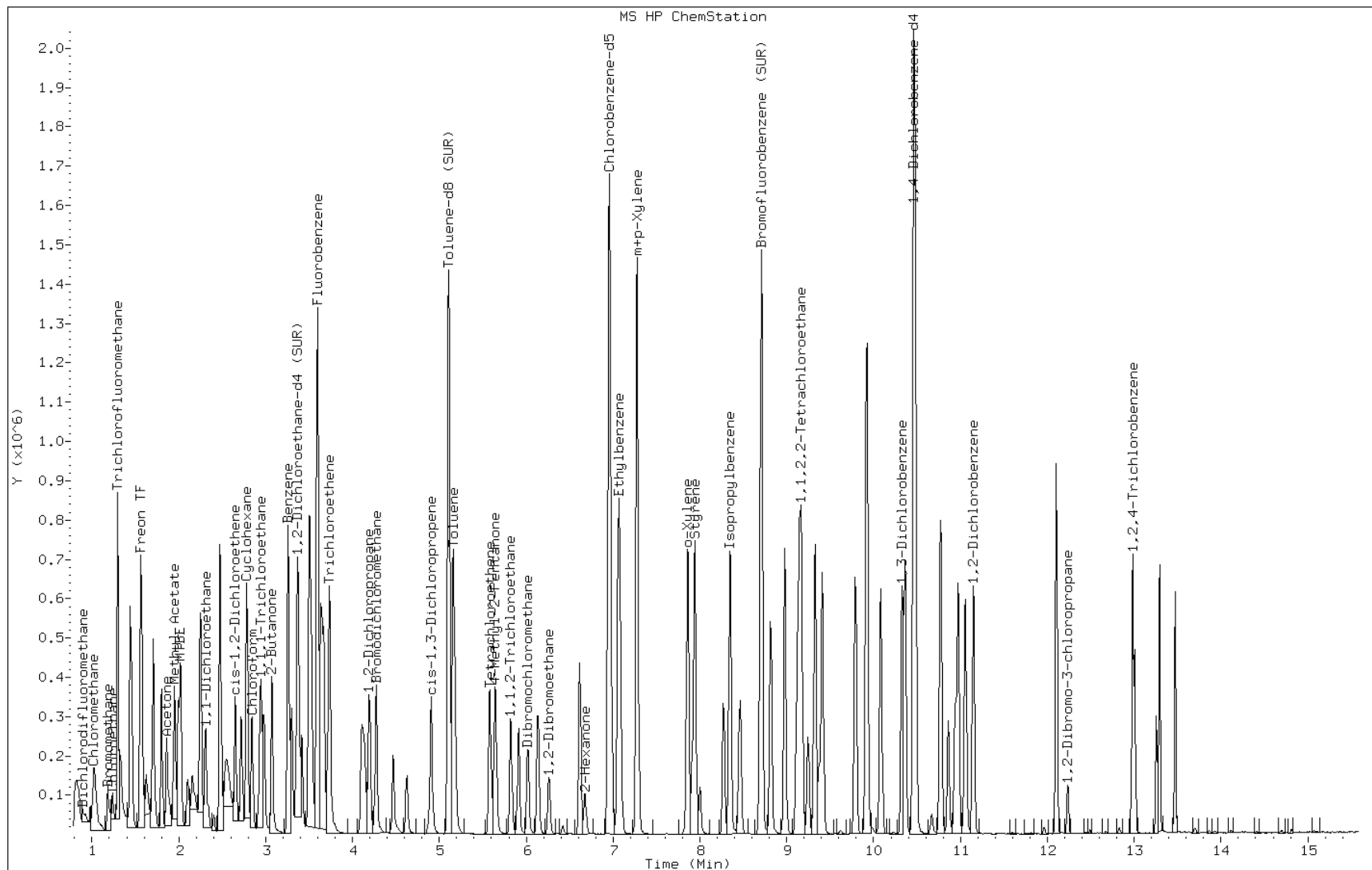
Date: 22-OCT-2012 22:48

Client ID:

Instrument: VOAMS5.i

Sample Info: ICIS-VMCAL3

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09277.d
 Report Date: 23-Oct-2012 02:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09277.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 23-OCT-2012 00:23
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/8260DE_09.m
 Meth Date : 23-Oct-2012 02:22 ken
 Cal Date : 22-OCT-2012 22:48
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e09273.d
 Calibration Sample, Level: 1
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	5652	1.00000	1.2
3 Chloromethane	50	1.016	1.016	(0.283)	10499	1.00000	1.2
4 Vinyl Chloride	62	1.022	1.022	(0.284)	7792	1.00000	1.1
6 Bromomethane	94	1.175	1.175	(0.327)	6221	1.00000	1.4
5 Chloroethane	64	1.230	1.230	(0.342)	5098	1.00000	1.3
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	7451	1.00000	1.1
14 Freon TF	101	1.565	1.565	(0.435)	4746	1.00000	1.0
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	4360	1.00000	1.1
16 Acetone	58	1.894	1.894	(0.527)	2578	5.00000	5.1
18 Carbon Disulfide	76	1.565	1.565	(0.435)	16873	1.00000	1.1
27 Methyl Acetate	74	1.961	1.961	(0.546)	1119	1.00000	1.1
22 Methylene Chloride	49	1.857	1.857	(0.517)	9543	1.00000	1.2
28 MTBE	73	2.022	2.022	(0.562)	16868	1.00000	1.0
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	4899	1.00000	1.00
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	10649	1.00000	1.0
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	5979	1.00000	1.1

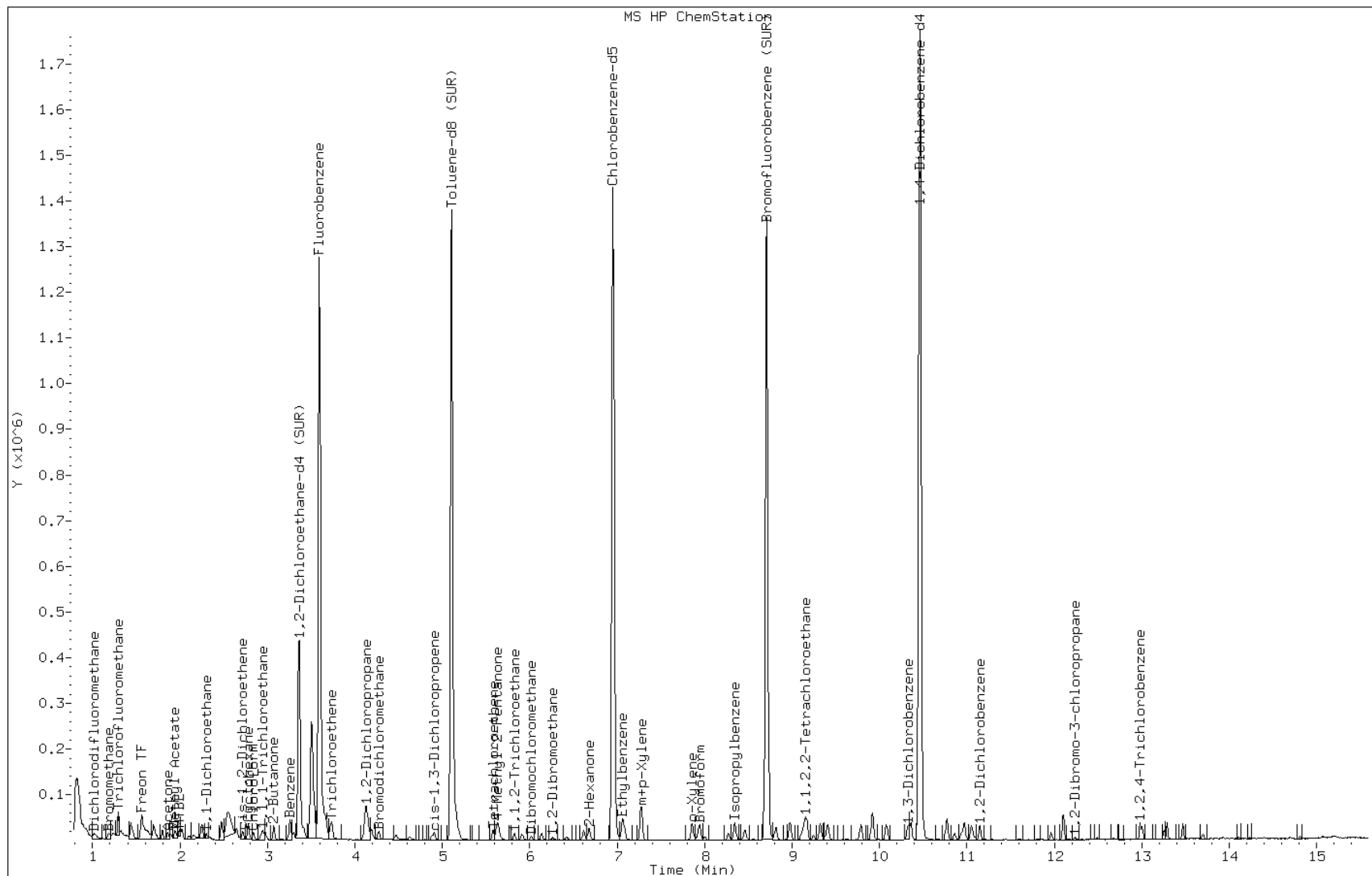
Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09277.d
Report Date: 23-Oct-2012 02:22

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	3043	5.00000	3.7(a)
42 Chloroform	83	2.839	2.839	(0.790)	9596	1.00000	1.0
44 Cyclohexane	56	2.784	2.784	(0.774)	9071	1.00000	1.0
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	8031	1.00000	0.97(a)
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	6730	1.00000	0.98(a)
48 Benzene	78	3.260	3.260	(0.469)	22501	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	284034	50.0000	49
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	8018	1.00000	1.0
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1056439	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	6124	1.00000	1.0
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	8593	1.00000	1.1
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	5891	1.00000	0.99(a)
68 Bromodichloromethane	83	4.272	4.272	(1.188)	6721	1.00000	0.89(a)
67 cis-1,3-Dichloropropene	75	4.912	4.912	(0.706)	8993	1.00000	0.94(a)
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	30775	5.00000	5.3
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	949983	50.0000	51
66 Toluene	91	5.162	5.162	(0.742)	27081	1.00000	1.0
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	7554	1.00000	0.86(a)
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	3902	1.00000	0.94(a)
71 Tetrachloroethene	166	5.582	5.582	(0.803)	7195	1.00000	1.1
73 2-Hexanone	43	6.680	6.680	(0.961)	23192	5.00000	5.2
74 Dibromochloromethane	129	6.015	6.015	(0.865)	5251	1.00000	0.86(a)
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	5133	1.00000	0.97(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	903797	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	19181	1.00000	1.0
81 Ethylbenzene	106	7.058	7.058	(1.015)	10253	1.00000	1.0
82 m+p-Xylene	106	7.277	7.277	(1.046)	25611	2.00000	2.1
84 o-Xylene	106	7.856	7.856	(1.130)	12165	1.00000	1.0
85 Styrene	104	7.942	7.942	(1.142)	19573	1.00000	0.96(aH)
86 Bromoform	173	7.917	7.917	(1.139)	3672	1.00000	0.81(a)
88 Isopropylbenzene	105	8.344	8.344	(1.200)	30452	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	478286	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.118	9.118	(0.871)	6618	1.00000	0.97(a)
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	15932	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	563040	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	17385	1.00000	1.1
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	14946	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	1094	1.00000	0.94(a)
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	9750	1.00000	1.1
M 120 1,2-Dichloroethene (Total)	100				10878	2.00000	2.1
M 121 Xylene (Total)	100				37776	3.00000	3.1

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09278.d
 Report Date: 23-Oct-2012 02:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09278.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 23-OCT-2012 00:46
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/8260DE_09.m
 Meth Date : 23-Oct-2012 02:22 ken
 Cal Date : 22-OCT-2012 22:48
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e09273.d
 Calibration Sample, Level: 2
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	27039	5.00000	5.8
3 Chloromethane	50	1.016	1.016	(0.283)	49748	5.00000	5.4
4 Vinyl Chloride	62	1.022	1.022	(0.284)	38066	5.00000	5.3
6 Bromomethane	94	1.181	1.181	(0.328)	25258	5.00000	5.5
5 Chloroethane	64	1.236	1.236	(0.344)	21966	5.00000	5.6
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	37823	5.00000	5.5
14 Freon TF	101	1.565	1.565	(0.435)	25595	5.00000	5.4
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	22226	5.00000	5.5
16 Acetone	58	1.894	1.894	(0.527)	6955	15.0000	14
18 Carbon Disulfide	76	1.565	1.565	(0.435)	81132	5.00000	5.1
27 Methyl Acetate	74	1.961	1.961	(0.546)	5492	5.00000	5.2
22 Methylene Chloride	49	1.858	1.858	(0.517)	40381	5.00000	5.2
28 MTBE	73	2.022	2.022	(0.562)	79316	5.00000	4.8
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	25787	5.00000	5.2
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	52949	5.00000	5.2
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	28082	5.00000	5.1

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09278.d
 Report Date: 23-Oct-2012 02:22

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	9468	15.0000	11
42 Chloroform	83	2.845	2.845	(0.791)	47073	5.00000	4.9
44 Cyclohexane	56	2.778	2.778	(0.773)	44349	5.00000	5.0
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	39740	5.00000	4.8
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	34080	5.00000	5.0
48 Benzene	78	3.260	3.260	(0.469)	111968	5.00000	5.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	288310	50.0000	50
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	38025	5.00000	4.9
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1063100	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	29991	5.00000	5.0
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	40133	5.00000	5.1
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	29564	5.00000	4.9
68 Bromodichloromethane	83	4.272	4.272	(1.188)	35047	5.00000	4.6
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	47081	5.00000	4.9
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	84312	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	948992	50.0000	50
66 Toluene	91	5.162	5.162	(0.742)	135172	5.00000	5.2
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	40569	5.00000	4.6
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	21156	5.00000	5.1
71 Tetrachloroethene	166	5.582	5.582	(0.803)	34799	5.00000	5.2
73 2-Hexanone	43	6.680	6.680	(0.961)	63434	15.0000	14
74 Dibromochloromethane	129	6.015	6.015	(0.865)	27987	5.00000	4.6
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	26080	5.00000	4.9
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	907175	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	92558	5.00000	5.0
81 Ethylbenzene	106	7.064	7.064	(1.016)	49684	5.00000	5.0
82 m+p-Xylene	106	7.277	7.277	(1.046)	124543	10.0000	10
84 o-Xylene	106	7.856	7.856	(1.130)	61421	5.00000	5.1
85 Styrene	104	7.942	7.942	(1.142)	100902	5.00000	4.9(H)
86 Bromoform	173	7.911	7.911	(1.138)	20340	5.00000	4.4
88 Isopropylbenzene	105	8.344	8.344	(1.200)	152621	5.00000	5.1
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	478323	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	33482	5.00000	4.8
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	77593	5.00000	4.9
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	577365	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	82213	5.00000	5.0
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	74759	5.00000	5.0
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	5446	5.00000	4.6
114 1,2,4-Trichlorobenzene	180	12.983	12.983	(1.241)	43086	5.00000	4.9
M 120 1,2-Dichloroethene (Total)	100				53869	10.0000	10
M 121 Xylene (Total)	100				185964	15.0000	15

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09279.d
 Report Date: 23-Oct-2012 02:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09279.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 23-OCT-2012 01:10
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/8260DE_09.m
 Meth Date : 23-Oct-2012 02:19 ken
 Cal Date : 22-OCT-2012 22:48
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e09273.d
 Calibration Sample, Level: 4
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	213774	50.0000	44
3 Chloromethane	50	1.016	1.016	(0.283)	427508	50.0000	45
4 Vinyl Chloride	62	1.022	1.022	(0.284)	340692	50.0000	46
6 Bromomethane	94	1.181	1.181	(0.328)	201169	50.0000	50
5 Chloroethane	64	1.236	1.236	(0.344)	195756	50.0000	48
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	347725	50.0000	49
14 Freon TF	101	1.571	1.571	(0.437)	228588	50.0000	46
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	197642	50.0000	47
16 Acetone	58	1.894	1.894	(0.527)	26042	50.0000	49
18 Carbon Disulfide	76	1.565	1.565	(0.435)	746243	50.0000	45
27 Methyl Acetate	74	1.961	1.961	(0.546)	52038	50.0000	47
22 Methylene Chloride	49	1.858	1.858	(0.517)	373280	50.0000	47
28 MTBE	73	2.022	2.022	(0.562)	816984	50.0000	48
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	243580	50.0000	48
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	520402	50.0000	49
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	270211	50.0000	47

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09279.d
 Report Date: 23-Oct-2012 02:19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.856)	45083	50.0000	53
42 Chloroform	83	2.845	2.845	(0.791)	485952	50.0000	49
44 Cyclohexane	56	2.784	2.784	(0.774)	415149	50.0000	45
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	412044	50.0000	48
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	330472	50.0000	46
48 Benzene	78	3.260	3.260	(0.469)	1097892	50.0000	48
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	294972	50.0000	49
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	389707	50.0000	48
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1099208	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	278396	50.0000	45
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	368564	50.0000	45
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	295330	50.0000	48
68 Bromodichloromethane	83	4.272	4.272	(1.188)	375130	50.0000	48
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	480591	50.0000	49
70 4-Methyl-2-Pentanone	43	5.631	5.631	(0.810)	281868	50.0000	47
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	993419	50.0000	51
66 Toluene	91	5.162	5.162	(0.742)	1278522	50.0000	47
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	443675	50.0000	49
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	205930	50.0000	48
71 Tetrachloroethene	166	5.583	5.583	(0.803)	329329	50.0000	47
73 2-Hexanone	43	6.680	6.680	(0.961)	220487	50.0000	48
74 Dibromochloromethane	129	6.021	6.021	(0.866)	310646	50.0000	49
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	262595	50.0000	48
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	936332	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	889738	50.0000	47
81 Ethylbenzene	106	7.064	7.064	(1.016)	473826	50.0000	46
82 m+p-Xylene	106	7.277	7.277	(1.046)	1201209	100.000	94
84 o-Xylene	106	7.863	7.863	(1.131)	586427	50.0000	47
85 Styrene	104	7.942	7.942	(1.142)	1004339	50.0000	70
86 Bromoform	173	7.917	7.917	(1.139)	232249	50.0000	49
88 Isopropylbenzene	105	8.350	8.350	(1.201)	1475964	50.0000	48
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	503114	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	337007	50.0000	46
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	774407	50.0000	47
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	601064	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	799327	50.0000	47
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	744554	50.0000	57
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	58145	50.0000	47
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	425017	50.0000	46
M 120 1,2-Dichloroethene (Total)	100				513791	100.000	95
M 121 Xylene (Total)	100				1787636	150.000	140

Data File: e09279.d

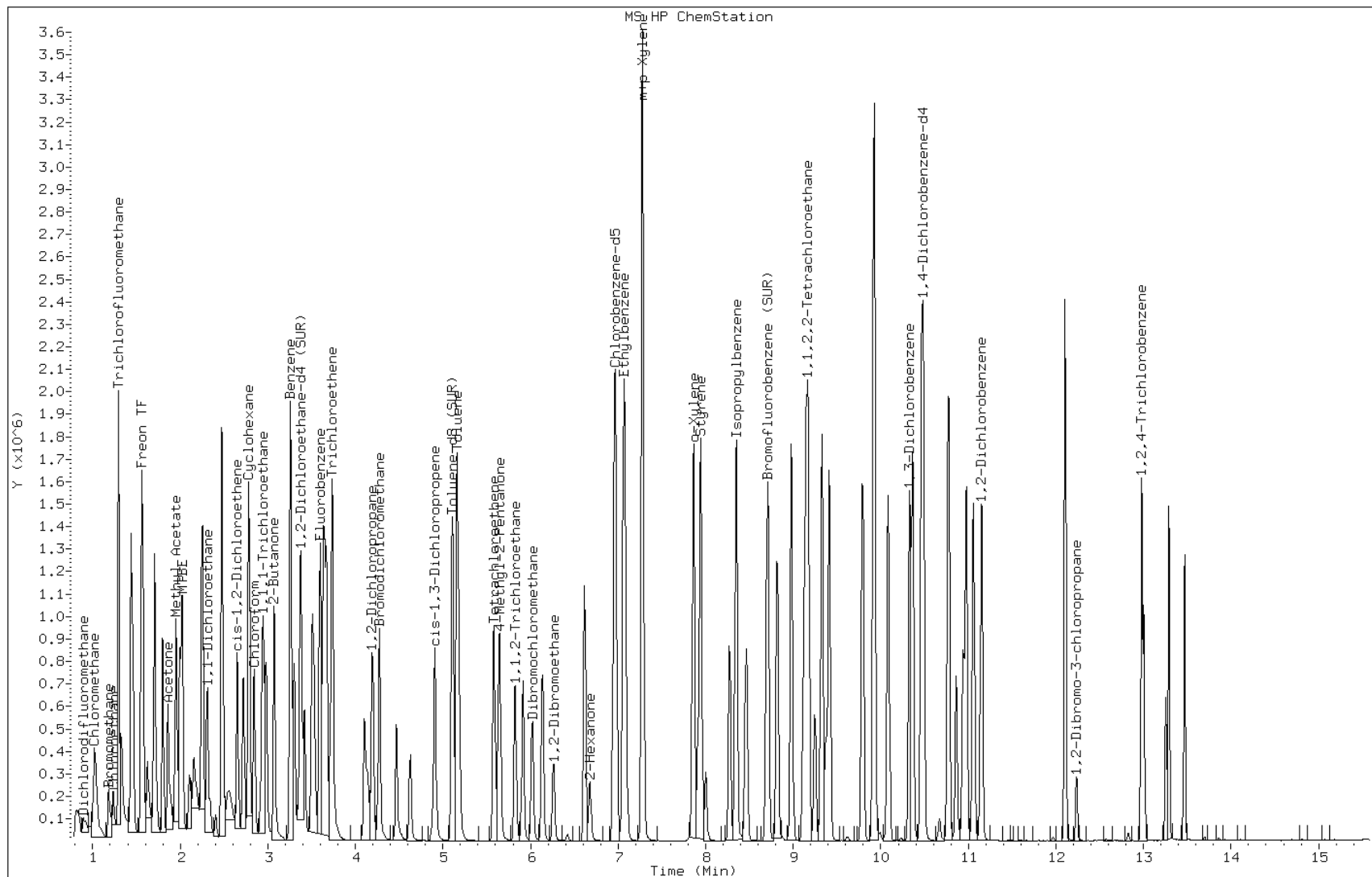
Date: 23-OCT-2012 01:10

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL4

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09280.d
 Report Date: 23-Oct-2012 02:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09280.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 23-OCT-2012 01:33
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/8260DE_09.m
 Meth Date : 23-Oct-2012 02:19 ken
 Cal Date : 22-OCT-2012 22:48
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e09273.d
 Calibration Sample, Level: 5
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.248)	958172	200.000	190
3 Chloromethane	50	1.016	1.016	(0.282)	1883260	200.000	200
4 Vinyl Chloride	62	1.022	1.022	(0.284)	1486824	200.000	200
6 Bromomethane	94	1.181	1.181	(0.328)	888247	200.000	220
5 Chloroethane	64	1.236	1.236	(0.343)	803698	200.000	190
7 Trichlorofluoromethane	101	1.297	1.297	(0.360)	1312784	200.000	180
14 Freon TF	101	1.571	1.571	(0.436)	1019119	200.000	200
15 1,1-Dichloroethene	96	1.546	1.546	(0.429)	794898	200.000	190
16 Acetone	58	1.900	1.900	(0.528)	113798	200.000	210
18 Carbon Disulfide	76	1.565	1.565	(0.435)	3433007	200.000	200
27 Methyl Acetate	74	1.967	1.967	(0.546)	220167	200.000	200
22 Methylene Chloride	49	1.857	1.857	(0.516)	1462225	200.000	180
28 MTBE	73	2.022	2.022	(0.562)	3464387	200.000	200
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.541)	1051302	200.000	200
30 1,1-Dichloroethane	63	2.309	2.309	(0.641)	2094218	200.000	190
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.736)	1119261	200.000	190

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09280.d
 Report Date: 23-Oct-2012 02:19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.854)	207809	200.000	240
42 Chloroform	83	2.845	2.845	(0.790)	2011060	200.000	200
44 Cyclohexane	56	2.790	2.790	(0.775)	1925338	200.000	210
43 1,1,1-Trichloroethane	97	2.985	2.985	(0.829)	1881521	200.000	220
45 Carbon Tetrachloride	117	2.936	2.936	(0.815)	1564485	200.000	220
48 Benzene	78	3.266	3.266	(0.469)	4875952	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.369	3.369	(0.936)	300073	50.0000	49
49 1,2-Dichloroethane	62	3.424	3.424	(0.951)	1650219	200.000	200
* 52 Fluorobenzene	96	3.601	3.601	(1.000)	1121212	50.0000	
54 Trichloroethene	95	3.747	3.747	(1.041)	1276244	200.000	200
56 Methyl cyclohexane	83	3.735	3.735	(1.037)	1627062	200.000	200
57 1,2-Dichloropropane	63	4.198	4.198	(1.166)	1291486	200.000	200
68 Bromodichloromethane	83	4.278	4.278	(1.188)	1735496	200.000	220
67 cis-1,3-Dichloropropene	75	4.912	4.912	(0.706)	2150085	200.000	200
70 4-Methyl-2-Pentanone	43	5.637	5.637	(0.810)	1294026	200.000	200
\$ 65 Toluene-d8 (SUR)	98	5.113	5.113	(0.735)	1013962	50.0000	49
66 Toluene	91	5.168	5.168	(0.742)	5711343	200.000	200
64 trans-1,3-Dichloropropene	75	5.655	5.655	(0.813)	2061669	200.000	210
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.837)	924389	200.000	200
71 Tetrachloroethene	166	5.588	5.588	(0.803)	1475873	200.000	200
73 2-Hexanone	43	6.686	6.686	(0.961)	1012683	200.000	200
74 Dibromochloromethane	129	6.027	6.027	(0.866)	1462961	200.000	220
77 1,2-Dibromoethane	107	6.271	6.271	(0.901)	1192992	200.000	200
* 78 Chlorobenzene-d5	117	6.960	6.960	(1.000)	1002644	50.0000	
79 Chlorobenzene	112	6.984	6.984	(1.004)	4073934	200.000	200
81 Ethylbenzene	106	7.076	7.076	(1.017)	2254445	200.000	210
82 m+p-Xylene	106	7.289	7.289	(1.047)	5861845	400.000	430
84 o-Xylene	106	7.875	7.875	(1.131)	2778797	200.000	210
85 Styrene	104	7.954	7.954	(1.143)	4892888	200.000	320
86 Bromoform	173	7.923	7.923	(1.138)	1193442	200.000	240
88 Isopropylbenzene	105	8.362	8.362	(1.201)	7014081	200.000	210(A)
\$ 89 Bromofluorobenzene (SUR)	174	8.716	8.716	(0.832)	549858	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.124	9.124	(0.871)	1615148	200.000	210
105 1,3-Dichlorobenzene	146	10.344	10.344	(0.987)	3491238	200.000	200
* 108 1,4-Dichlorobenzene-d4	152	10.478	10.478	(1.000)	634999	50.0000	
109 1,4-Dichlorobenzene	146	10.502	10.502	(1.002)	3582657	200.000	200
111 1,2-Dichlorobenzene	146	11.167	11.167	(1.066)	3301002	200.000	240
112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.168)	277143	200.000	210
114 1,2,4-Trichlorobenzene	180	12.983	12.983	(1.239)	1819367	200.000	190
M 120 1,2-Dichloroethene (Total)	100				2170563	400.000	390
M 121 Xylene (Total)	100				8640642	600.000	640

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e09280.d

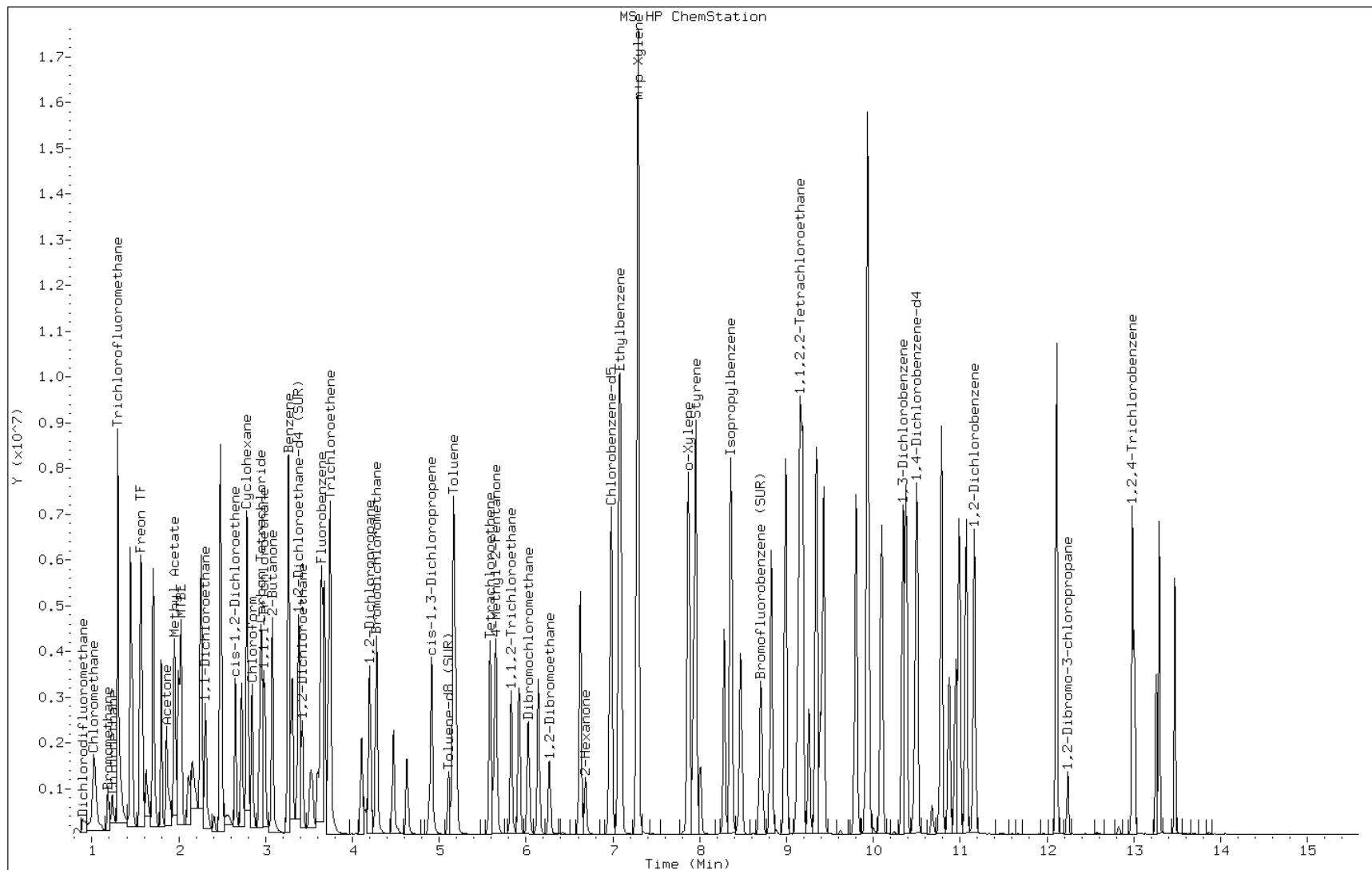
Date: 23-OCT-2012 01:33

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL5

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09281.d
 Report Date: 23-Oct-2012 02:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09281.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 23-OCT-2012 01:57
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/8260DE_09.m
 Meth Date : 23-Oct-2012 02:18 ken Quant Type: ISTD
 Cal Date : 22-OCT-2012 22:48 Cal File: e09273.d
 Als bottle: 10 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894 (0.248)		2641093		500.000	440
3 Chloromethane	50	1.016	1.016 (0.282)		5289390		500.000	460
4 Vinyl Chloride	62	1.022	1.022 (0.283)		4315724		500.000	480
6 Bromomethane	94	1.181	1.181 (0.327)		2414765		500.000	490
5 Chloroethane	64	1.236	1.236 (0.343)		1994175		500.000	420
7 Trichlorofluoromethane	101	1.297	1.297 (0.359)		3936688		500.000	450
14 Freon TF	101	1.571	1.571 (0.436)		3213405		500.000	540(A)
15 1,1-Dichloroethene	96	1.553	1.546 (0.430)		2604993		500.000	520(A)
16 Acetone	58	1.900	1.900 (0.527)		317359		500.000	490
18 Carbon Disulfide	76	1.565	1.565 (0.434)		10693293		500.000	530(A)
27 Methyl Acetate	74	1.967	1.967 (0.545)		699726		500.000	520(A)
22 Methylene Chloride	49	1.858	1.857 (0.515)		4322633		500.000	450
28 MTBE	73	2.028	2.022 (0.562)		11113713		500.000	540(A)
25 trans-1,2-Dichloroethene	96	1.949	1.949 (0.540)		3341417		500.000	540(A)
30 1,1-Dichloroethane	63	2.309	2.309 (0.640)		6610081		500.000	510(A)
36 cis-1,2-Dichloroethene	96	2.656	2.650 (0.736)		3548938		500.000	510(A)

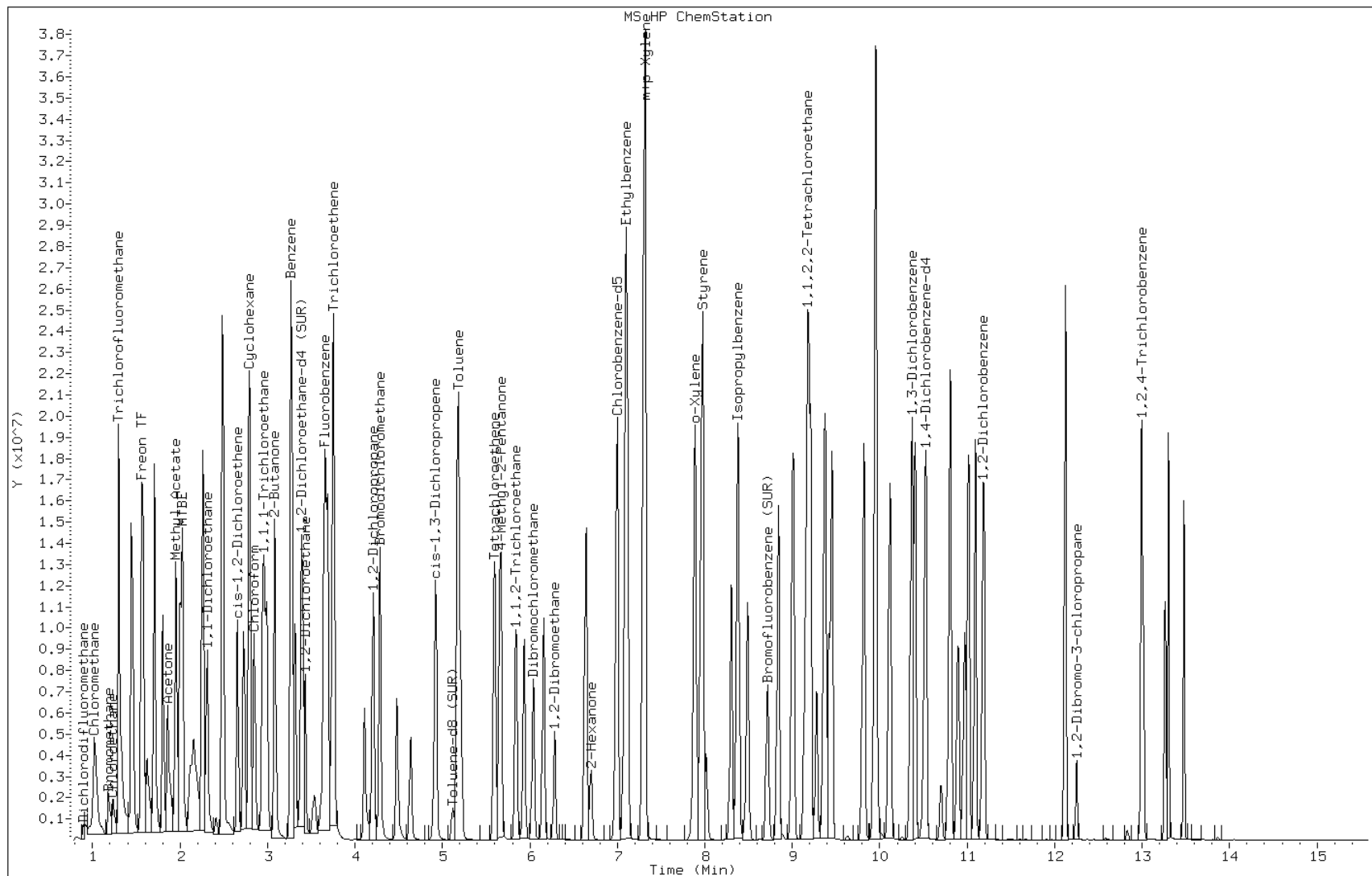
Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09281.d
 Report Date: 23-Oct-2012 02:19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.083	3.077	(0.855)	641434	500.000	620(A)
42 Chloroform	83	2.845	2.845	(0.789)	6182871	500.000	520(A)
44 Cyclohexane	56	2.790	2.790	(0.774)	6490239	500.000	580(A)
43 1,1,1-Trichloroethane	97	2.991	2.985	(0.829)	5902931	500.000	560(A)
45 Carbon Tetrachloride	117	2.943	2.936	(0.816)	5022722	500.000	580(A)
48 Benzene	78	3.272	3.266	(0.469)	15292699	500.000	530(A)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.376	3.369	(0.936)	390976	50.0000	54
49 1,2-Dichloroethane	62	3.430	3.424	(0.951)	5068256	500.000	520(A)
* 52 Fluorobenzene	96	3.607	3.601	(1.000)	1340090	50.0000	
54 Trichloroethene	95	3.760	3.747	(1.042)	4229174	500.000	560(A)
56 Methyl cyclohexane	83	3.747	3.735	(1.039)	5507619	500.000	560(A)
57 1,2-Dichloropropane	63	4.211	4.198	(1.167)	4154314	500.000	550(A)
68 Bromodichloromethane	83	4.284	4.278	(1.188)	5524121	500.000	580(A)
67 cis-1,3-Dichloropropene	75	4.924	4.912	(0.706)	6946495	500.000	560(A)
70 4-Methyl-2-Pentanone	43	5.656	5.637	(0.811)	4234091	500.000	560(A)
\$ 65 Toluene-d8 (SUR)	98	5.119	5.113	(0.734)	1186675	50.0000	48
66 Toluene	91	5.180	5.168	(0.743)	17384836	500.000	510(A)
64 trans-1,3-Dichloropropene	75	5.668	5.655	(0.813)	6716304	500.000	590(A)
69 1,1,2-Trichloroethane	83	5.838	5.826	(0.837)	2974610	500.000	550(A)
71 Tetrachloroethene	166	5.595	5.588	(0.802)	4581393	500.000	520(A)
73 2-Hexanone	43	6.698	6.686	(0.961)	2860968	500.000	490
74 Dibromochloromethane	129	6.040	6.027	(0.866)	4655038	500.000	580(A)
77 1,2-Dibromoethane	107	6.284	6.271	(0.901)	3664694	500.000	530(A)
* 78 Chlorobenzene-d5	117	6.972	6.960	(1.000)	1185113	50.0000	
79 Chlorobenzene	112	6.997	6.984	(1.003)	12076194	500.000	500(A)
81 Ethylbenzene	106	7.100	7.076	(1.018)	6909087	500.000	530(A)
82 m+p-Xylene	106	7.320	7.289	(1.050)	16326844	1000.00	1000(A)
84 o-Xylene	106	7.893	7.875	(1.132)	7906278	500.000	500(A)
85 Styrene	104	7.978	7.954	(1.144)	13848523	500.000	620(A)
86 Bromoform	173	7.942	7.923	(1.139)	3386225	500.000	570(A)
88 Isopropylbenzene	105	8.381	8.362	(1.202)	18694381	500.000	480(A)
\$ 89 Bromofluorobenzene (SUR)	174	8.728	8.716	(0.832)	575768	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.143	9.124	(0.871)	4392112	500.000	540(A)
105 1,3-Dichlorobenzene	146	10.368	10.344	(0.988)	9243627	500.000	510(A)
* 108 1,4-Dichlorobenzene-d4	152	10.496	10.478	(1.000)	667305	50.0000	
109 1,4-Dichlorobenzene	146	10.527	10.502	(1.003)	9426565	500.000	500
111 1,2-Dichlorobenzene	146	11.191	11.167	(1.066)	8780749	500.000	510(A)
112 1,2-Dibromo-3-chloropropane	75	12.252	12.240	(1.167)	772181	500.000	560(A)
114 1,2,4-Trichlorobenzene	180	12.996	12.983	(1.238)	4960064	500.000	490
M 120 1,2-Dichloroethene (Total)	100				6890355	1000.00	1000
M 121 Xylene (Total)	100				24233123	1500.00	1500

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Lab Sample ID: CCVIS 460-133510/2 Calibration Date: 10/25/2012 07:15

Instrument ID: VOAMS5 Calib Start Date: 10/22/2012 22:48

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/23/2012 01:57

Lab File ID: e09398.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2211	0.2442	0.1000	22.1	20.0	10.4	25.0
Chloromethane	Ave	0.4291	0.4366	0.1000	20.3	20.0	1.7	25.0
Vinyl chloride	Ave	0.3363	0.3569	0.1000	21.2	20.0	6.1	25.0
Bromomethane	LinF	0.2154	0.2153	0.1000	23.5	20.0	17.7	25.0
Chloroethane	Ave	0.1987	0.2138	0.1000	21.5	20.0	7.6	25.0
Trichlorofluoromethane	Ave	0.3242	0.3926	0.1000	24.2	20.0	21.1	25.0
1,1-Dichloroethene	Ave	0.1893	0.2248	0.1000	23.8	20.0	18.8	25.0
Carbon disulfide	Ave	0.7487	0.8412	0.1000	22.5	20.0	12.4	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2232	0.2539	0.1000	22.8	20.0	13.8	25.0
Methylene Chloride	Ave	0.3615	0.4064	0.1000	22.5	20.0	12.4	25.0
Acetone	Ave	0.0241	0.0285*	0.1000	23.7	20.0	18.3	25.0
trans-1,2-Dichloroethene	Ave	0.2322	0.2748	0.1000	23.7	20.0	18.3	25.0
Methyl acetate	Ave	0.0499	0.0562*	0.1000	22.5	20.0	12.6	25.0
Methyl tert-butyl ether	Ave	0.7689	0.8853	0.1000	23.0	20.0	15.1	25.0
1,1-Dichloroethane	Ave	0.4820	0.5560	0.1000	23.1	20.0	15.4	25.0
cis-1,2-Dichloroethene	Ave	0.2593	0.2884	0.1000	22.2	20.0	11.2	25.0
Cyclohexane	Ave	0.4160	0.4407	0.1000	21.2	20.0	5.9	25.0
Chloroform	Ave	0.4475	0.4871	0.1000	21.8	20.0	8.9	25.0
Carbon tetrachloride	Ave	0.3236	0.3603	0.1000	22.3	20.0	11.3	25.0
1,1,1-Trichloroethane	Ave	0.3901	0.4280	0.1000	21.9	20.0	9.7	25.0
2-Butanone (MEK)	LinF	0.0389	0.0495*	0.1000	20.8	20.0	3.9	25.0
Benzene	Ave	1.221	1.229	0.1000	20.1	20.0	0.7	25.0
1,2-Dichloroethane	Ave	0.3659	0.4049	0.1000	22.1	20.0	10.6	25.0
Methylcyclohexane	Ave	0.3699	0.3803	0.1000	20.6	20.0	2.8	25.0
Trichloroethene	Ave	0.2791	0.2938	0.1000	21.1	20.0	5.3	25.0
1,2-Dichloropropane	Ave	0.2827	0.3064	0.1000	21.7	20.0	8.4	25.0
Dichlorobromomethane	Ave	0.3556	0.3830	0.1000	21.5	20.0	7.7	25.0
cis-1,3-Dichloropropene	Ave	0.5277	0.5305	0.1000	20.1	20.0	0.5	25.0
Toluene	Ave	1.438	1.448	0.1000	20.1	20.0	0.7	25.0
Tetrachloroethene	Ave	0.3717	0.3817	0.1000	20.5	20.0	2.7	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3206	0.3283	0.1000	20.5	20.0	2.4	25.0
trans-1,3-Dichloropropene	Ave	0.4827	0.4860	0.1000	20.1	20.0	0.7	25.0
1,1,2-Trichloroethane	Ave	0.2298	0.2313	0.1000	20.1	20.0	0.6	25.0
Chlorodibromomethane	Ave	0.3371	0.3438	0.1000	20.4	20.0	2.0	25.0
1,2-Dibromoethane	Ave	0.2914	0.2995	0.1000	20.6	20.0	2.8	25.0
2-Hexanone	Ave	0.2453	0.2534	0.1000	20.7	20.0	3.3	25.0
Chlorobenzene	Ave	1.009	1.007	0.1000	20.0	20.0	-0.2	25.0
Ethylbenzene	Ave	0.5455	0.5314	0.1000	19.5	20.0	-2.6	25.0
m-Xylene & p-Xylene	Ave	0.6848	0.6795	0.1000	39.7	40.0	-0.8	25.0
o-Xylene	Ave	0.6635	0.6650	0.1000	20.0	20.0	0.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-133510/2 Calibration Date: 10/25/2012 07:15
 Instrument ID: VOAMS5 Calib Start Date: 10/22/2012 22:48
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/23/2012 01:57
 Lab File ID: e09398.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2514	0.2578	0.1000	20.5	20.0	2.6	25.0
Styrene	Ave	1.128	1.123	0.1000	19.9	20.0	-0.5	25.0
Isopropylbenzene	Ave	1.641	1.674	0.1000	20.4	20.0	2.0	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6066	0.6021	0.1000	19.8	20.0	-0.8	25.0
1,3-Dichlorobenzene	Ave	1.359	1.341	0.1000	19.7	20.0	-1.3	25.0
1,4-Dichlorobenzene	Ave	1.420	1.401	0.1000	19.7	20.0	-1.3	25.0
1,2-Dichlorobenzene	Ave	1.294	1.284	0.1000	19.8	20.0	-0.8	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1029	0.1044	0.1000	20.3	20.0	1.4	25.0
1,2,4-Trichlorobenzene	Ave	0.7588	0.7904	0.1000	20.8	20.0	4.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2716	0.3145	0.1000	57.9	50.0	15.8	25.0
Toluene-d8 (Surr)	Ave	1.037	1.079	0.1000	52.0	50.0	4.1	25.0
4-Bromofluorobenzene	Ave	0.8468	0.8619	0.1000	50.9	50.0	1.8	25.0

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09398.d
 Report Date: 25-Oct-2012 07:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09398.d
 Lab Smp Id: CCVIS
 Inj Date : 25-OCT-2012 07:15
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 25-Oct-2012 07:37 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

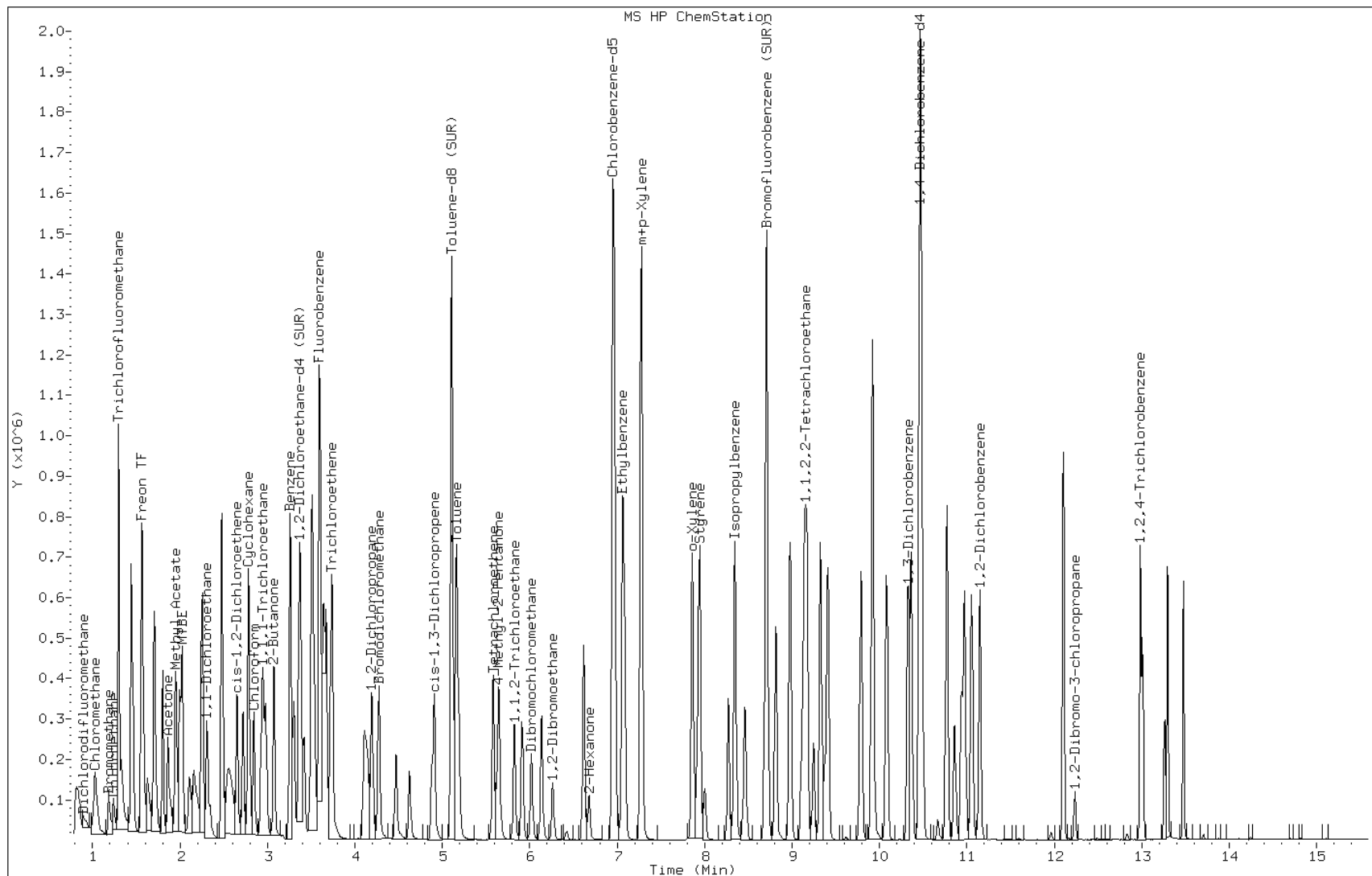
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	0.900	0.900	(0.250)	96144		20.0000	22
3 Chloromethane	50	1.022	1.022	(0.284)	171882		20.0000	20
4 Vinyl Chloride	62	1.028	1.028	(0.286)	140510		20.0000	21
6 Bromomethane	94	1.181	1.181	(0.328)	84760		20.0000	24
5 Chloroethane	64	1.236	1.236	(0.344)	84170		20.0000	22
7 Trichlorofluoromethane	101	1.303	1.303	(0.362)	154560		20.0000	24
14 Freon TF	101	1.571	1.571	(0.437)	99952		20.0000	23
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	88504		20.0000	24
16 Acetone	58	1.900	1.900	(0.529)	11208		20.0000	24
18 Carbon Disulfide	76	1.565	1.565	(0.435)	331205		20.0000	22
27 Methyl Acetate	74	1.967	1.967	(0.547)	22129		20.0000	22
22 Methylene Chloride	49	1.864	1.864	(0.518)	159989		20.0000	22
28 MTBE	73	2.022	2.022	(0.562)	348575		20.0000	23
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	108200		20.0000	24
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	218920		20.0000	23
36 cis-1,2-Dichloroethene	96	2.656	2.656	(0.739)	113557		20.0000	22

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09398.d
 Report Date: 25-Oct-2012 07:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.856)	19477	20.0000	21
42 Chloroform	83	2.845	2.845	(0.791)	191797	20.0000	22
44 Cyclohexane	56	2.784	2.784	(0.774)	173519	20.0000	21
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	168494	20.0000	22
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	141848	20.0000	22
48 Benzene	78	3.260	3.260	(0.469)	453260	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	309569	50.0000	58
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	159399	20.0000	22
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	984303	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	115693	20.0000	21
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	149714	20.0000	20
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	120638	20.0000	22
68 Bromodichloromethane	83	4.272	4.272	(1.188)	150795	20.0000	22
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	195640	20.0000	20
70 4-Methyl-2-Pentanone	43	5.631	5.631	(0.810)	121070	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	994739	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	534011	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	179211	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	85282	20.0000	20
71 Tetrachloroethene	166	5.582	5.582	(0.803)	140743	20.0000	20
73 2-Hexanone	43	6.680	6.680	(0.961)	93449	20.0000	21
74 Dibromochloromethane	129	6.021	6.021	(0.866)	126775	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	110445	20.0000	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	921896	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	371287	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	195974	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	501165	40.0000	40
84 o-Xylene	106	7.862	7.862	(1.131)	245239	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	414067	20.0000	20
86 Bromoform	173	7.917	7.917	(1.139)	95075	20.0000	20
88 Isopropylbenzene	105	8.344	8.344	(1.200)	617276	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	511989	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	143041	20.0000	20
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	318705	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	593971	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	332786	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	304980	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	24792	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.983	12.983	(1.241)	187777	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				221757	40.0000	46
M 121 Xylene (Total)	100				746404	60.0000	60

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Lab Sample ID: CCV 460-133510/21 Calibration Date: 10/25/2012 18:24

Instrument ID: VOAMS5 Calib Start Date: 10/22/2012 22:48

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/23/2012 01:57

Lab File ID: e09426.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2211	0.2462	0.1000	22.3	20.0	11.3	25.0
Chloromethane	Ave	0.4291	0.4365	0.1000	20.3	20.0	1.7	25.0
Vinyl chloride	Ave	0.3363	0.3575	0.1000	21.3	20.0	6.3	25.0
Bromomethane	LinF	0.2154	0.2162	0.1000	23.6	20.0	18.2	25.0
Chloroethane	Ave	0.1987	0.2178	0.1000	21.9	20.0	9.6	25.0
Trichlorofluoromethane	Ave	0.3242	0.4411	0.1000	27.2	20.0	36.1*	25.0
1,1-Dichloroethene	Ave	0.1893	0.2107	0.1000	22.3	20.0	11.3	25.0
Carbon disulfide	Ave	0.7487	0.8622	0.1000	23.0	20.0	15.2	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2232	0.2582	0.1000	23.1	20.0	15.7	25.0
Methylene Chloride	Ave	0.3615	0.3932	0.1000	21.8	20.0	8.8	25.0
Acetone	Ave	0.0241	0.0235*	0.1000	19.5	20.0	-2.5	25.0
trans-1,2-Dichloroethene	Ave	0.2322	0.2492	0.1000	21.5	20.0	7.3	25.0
Methyl acetate	Ave	0.0499	0.0546*	0.1000	21.9	20.0	9.3	25.0
Methyl tert-butyl ether	Ave	0.7689	0.7997	0.1000	20.8	20.0	4.0	25.0
1,1-Dichloroethane	Ave	0.4820	0.5106	0.1000	21.2	20.0	5.9	25.0
cis-1,2-Dichloroethene	Ave	0.2593	0.2738	0.1000	21.1	20.0	5.6	25.0
Cyclohexane	Ave	0.4160	0.4647	0.1000	22.3	20.0	11.7	25.0
Chloroform	Ave	0.4475	0.4700	0.1000	21.0	20.0	5.0	25.0
Carbon tetrachloride	Ave	0.3236	0.3259	0.1000	20.1	20.0	0.7	25.0
1,1,1-Trichloroethane	Ave	0.3901	0.3927	0.1000	20.1	20.0	0.7	25.0
2-Butanone (MEK)	LinF	0.0389	0.0453*	0.1000	19.1	20.0	-4.7	25.0
Benzene	Ave	1.221	1.159	0.1000	19.0	20.0	-5.0	25.0
1,2-Dichloroethane	Ave	0.3659	0.3883	0.1000	21.2	20.0	6.1	25.0
Methylcyclohexane	Ave	0.3699	0.4058	0.1000	21.9	20.0	9.7	25.0
Trichloroethene	Ave	0.2791	0.2970	0.1000	21.3	20.0	6.4	25.0
1,2-Dichloropropane	Ave	0.2827	0.2876	0.1000	20.3	20.0	1.7	25.0
Dichlorobromomethane	Ave	0.3556	0.3688	0.1000	20.7	20.0	3.7	25.0
cis-1,3-Dichloropropene	Ave	0.5277	0.4765	0.1000	18.1	20.0	-9.7	25.0
Toluene	Ave	1.438	1.302	0.1000	18.1	20.0	-9.5	25.0
Tetrachloroethene	Ave	0.3717	0.3186	0.1000	17.1	20.0	-14.3	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3206	0.2898	0.1000	18.1	20.0	-9.6	25.0
trans-1,3-Dichloropropene	Ave	0.4827	0.4351	0.1000	18.0	20.0	-9.9	25.0
1,1,2-Trichloroethane	Ave	0.2298	0.2151	0.1000	18.7	20.0	-6.4	25.0
Chlorodibromomethane	Ave	0.3371	0.3203	0.1000	19.0	20.0	-5.0	25.0
1,2-Dibromoethane	Ave	0.2914	0.2746	0.1000	18.8	20.0	-5.8	25.0
2-Hexanone	Ave	0.2453	0.2269	0.1000	18.5	20.0	-7.5	25.0
Chlorobenzene	Ave	1.009	0.9173	0.1000	18.2	20.0	-9.1	25.0
Ethylbenzene	Ave	0.5455	0.4573	0.1000	16.8	20.0	-16.2	25.0
m-Xylene & p-Xylene	Ave	0.6848	0.5892	0.1000	34.4	40.0	-14.0	25.0
o-Xylene	Ave	0.6635	0.5890	0.1000	17.8	20.0	-11.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab Sample ID: CCV 460-133510/21 Calibration Date: 10/25/2012 18:24
 Instrument ID: VOAMS5 Calib Start Date: 10/22/2012 22:48
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 10/23/2012 01:57
 Lab File ID: e09426.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2514	0.2346	0.1000	18.7	20.0	-6.7	25.0
Styrene	Ave	1.128	1.022	0.1000	18.1	20.0	-9.5	25.0
Isopropylbenzene	Ave	1.641	1.377	0.1000	16.8	20.0	-16.1	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6066	0.4469	0.1000	14.7	20.0	-26.3*	25.0
1,3-Dichlorobenzene	Ave	1.359	1.159	0.1000	17.1	20.0	-14.7	25.0
1,4-Dichlorobenzene	Ave	1.420	1.219	0.1000	17.2	20.0	-14.2	25.0
1,2-Dichlorobenzene	Ave	1.294	1.144	0.1000	17.7	20.0	-11.6	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1029	0.0917*	0.1000	17.8	20.0	-10.9	25.0
1,2,4-Trichlorobenzene	Ave	0.7588	0.6554	0.1000	17.3	20.0	-13.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2716	0.2957	0.1000	54.4	50.0	8.9	25.0
Toluene-d8 (Surr)	Ave	1.037	1.079	0.1000	52.1	50.0	4.1	25.0
4-Bromofluorobenzene	Ave	0.8468	0.8290	0.1000	49.0	50.0	-2.1	25.0

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09426.d
 Report Date: 26-Oct-2012 04:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09426.d
 Lab Smp Id: CCV
 Inj Date : 25-OCT-2012 18:24
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 26-Oct-2012 04:05 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 18:24 Cal File: e09426.d
 Als bottle: 29 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894 (0.249)		90048	20.0000	22
3 Chloromethane	50	1.016	1.016 (0.283)		159653	20.0000	20
4 Vinyl Chloride	62	1.028	1.028 (0.286)		130763	20.0000	21
6 Bromomethane	94	1.181	1.181 (0.328)		79063	20.0000	24
5 Chloroethane	64	1.236	1.236 (0.344)		79640	20.0000	22
7 Trichlorofluoromethane	101	1.303	1.303 (0.362)		161327	20.0000	27
14 Freon TF	101	1.571	1.571 (0.437)		94438	20.0000	23
15 1,1-Dichloroethene	96	1.553	1.553 (0.432)		77058	20.0000	22
16 Acetone	58	1.894	1.894 (0.527)		8583	20.0000	20
18 Carbon Disulfide	76	1.565	1.565 (0.435)		315336	20.0000	23
27 Methyl Acetate	74	1.967	1.967 (0.547)		19958	20.0000	22
22 Methylene Chloride	49	1.864	1.864 (0.518)		143800	20.0000	22
28 MTBE	73	2.022	2.022 (0.562)		292463	20.0000	21
25 trans-1,2-Dichloroethene	96	1.949	1.949 (0.542)		91136	20.0000	21
30 1,1-Dichloroethane	63	2.309	2.309 (0.642)		186722	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650 (0.737)		100142	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09426.d
 Report Date: 26-Oct-2012 04:05

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.856)	16579	20.0000	19
42 Chloroform	83	2.845	2.845	(0.791)	171895	20.0000	21
44 Cyclohexane	56	2.784	2.784	(0.774)	169936	20.0000	22
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	143616	20.0000	20
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	119201	20.0000	20
48 Benzene	78	3.260	3.260	(0.469)	402047	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	270404	50.0000	54
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	142021	20.0000	21
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	914316	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	108619	20.0000	21
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	148415	20.0000	22
57 1,2-Dichloropropane	63	4.199	4.199	(1.168)	105197	20.0000	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	134883	20.0000	21
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	165247	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	100488	20.0000	18
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	935970	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	451632	20.0000	18
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	150889	20.0000	18
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	74592	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	110497	20.0000	17
73 2-Hexanone	43	6.680	6.680	(0.961)	78674	20.0000	18
74 Dibromochloromethane	129	6.015	6.015	(0.865)	111074	20.0000	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	95221	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	867035	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	318137	20.0000	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	158591	20.0000	17
82 m+p-Xylene	106	7.277	7.277	(1.046)	408700	40.0000	34
84 o-Xylene	106	7.863	7.863	(1.131)	204284	20.0000	18
85 Styrene	104	7.942	7.942	(1.142)	354325	20.0000	18
86 Bromoform	173	7.911	7.911	(1.138)	81360	20.0000	19
88 Isopropylbenzene	105	8.344	8.344	(1.200)	477712	20.0000	17
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	490067	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	105673	20.0000	15
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	273986	20.0000	17
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	591131	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	288173	20.0000	17
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	270614	20.0000	18
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	21676	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.983	12.983	(1.241)	154958	20.0000	17
M 120 1,2-Dichloroethene (Total)	100				191278	40.0000	42
M 121 Xylene (Total)	100				612985	60.0000	52

Data File: e09426.d

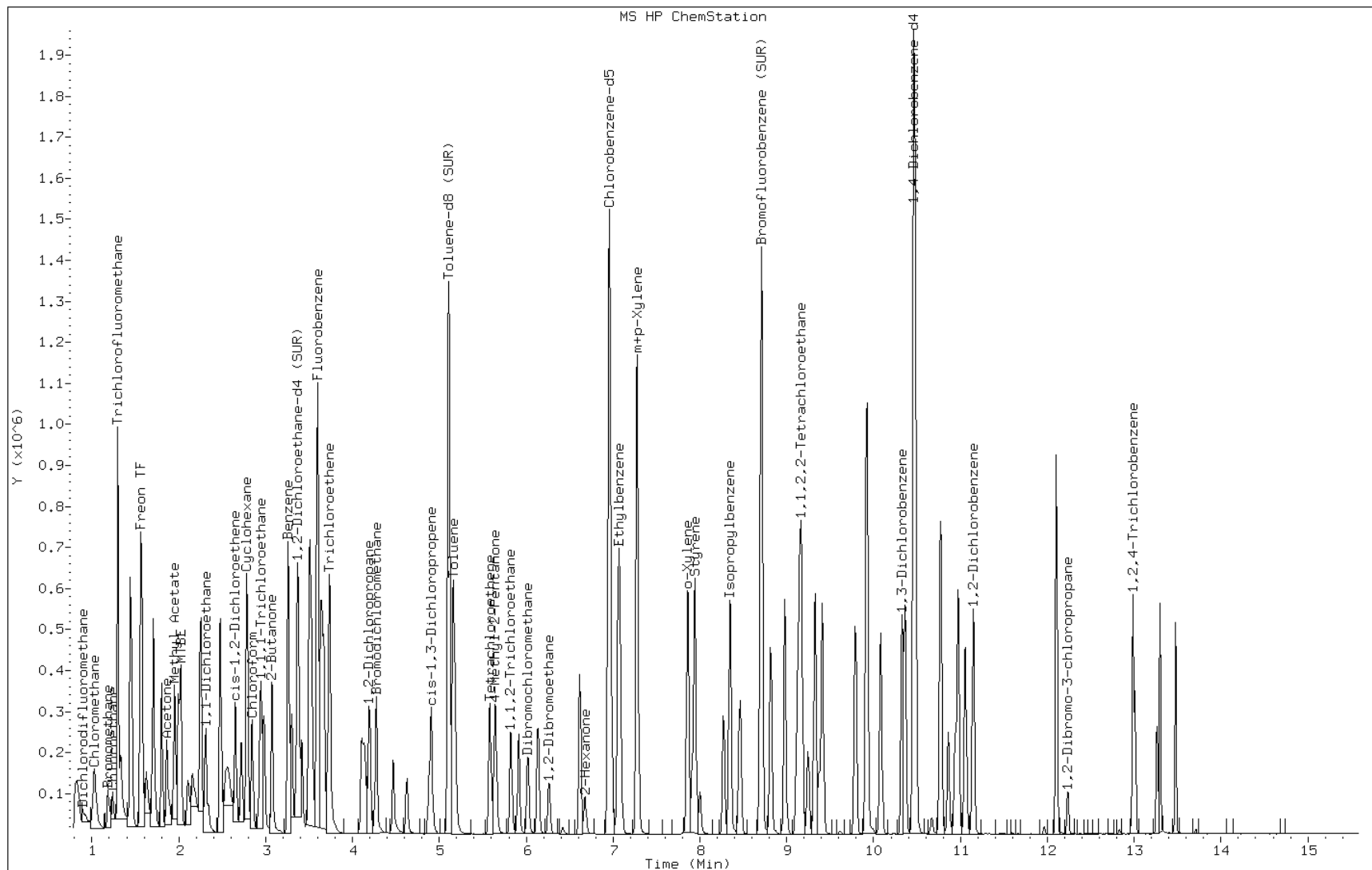
Date: 25-OCT-2012 18:24

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09271.d
 Report Date: 23-Oct-2012 02:09

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09271.d
 Lab Smp Id: BFB
 Inj Date : 22-OCT-2012 22:05
 Operator : VOAMS 1 Inst ID: VOAMS5.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.352	2.600 (0.000)	95	189219			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	39522			15.00- 40.00	20.89
2.352	2.600 (0.000)	75	98222			30.00- 60.00	51.91
2.352	2.600 (0.000)	96	12908			5.00- 9.00	6.82
2.352	2.600 (0.000)	173	2802			0.00- 2.00	1.56
2.352	2.600 (0.000)	174	179157			50.00- 100.00	94.68
2.352	2.600 (0.000)	175	13561			5.00- 9.00	7.57
2.352	2.600 (0.000)	176	173434			95.00- 101.00	96.81
2.352	2.600 (0.000)	177	11174			5.00- 9.00	6.44

Data File: e09271.d

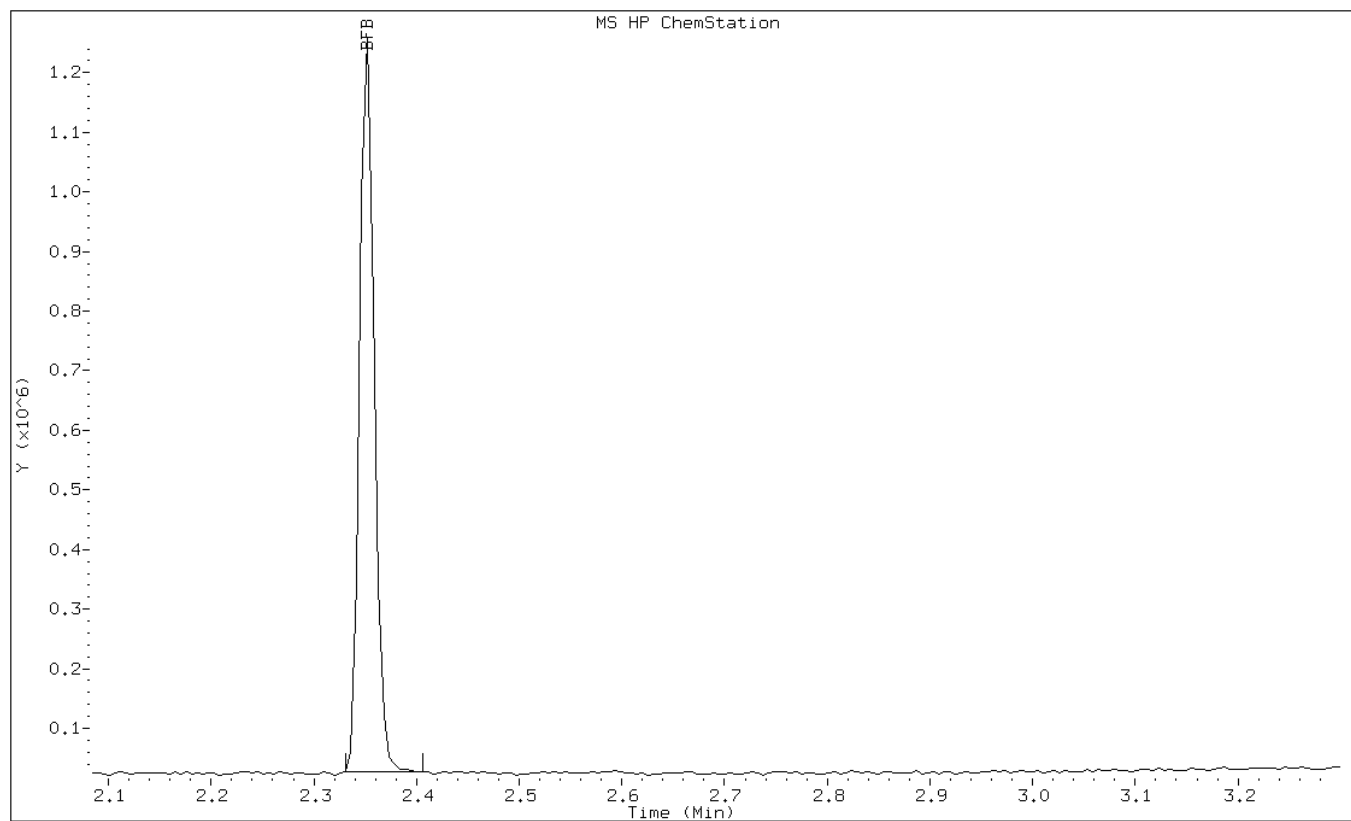
Date: 22-OCT-2012 22:05

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e09271.d

Date: 22-OCT-2012 22:05

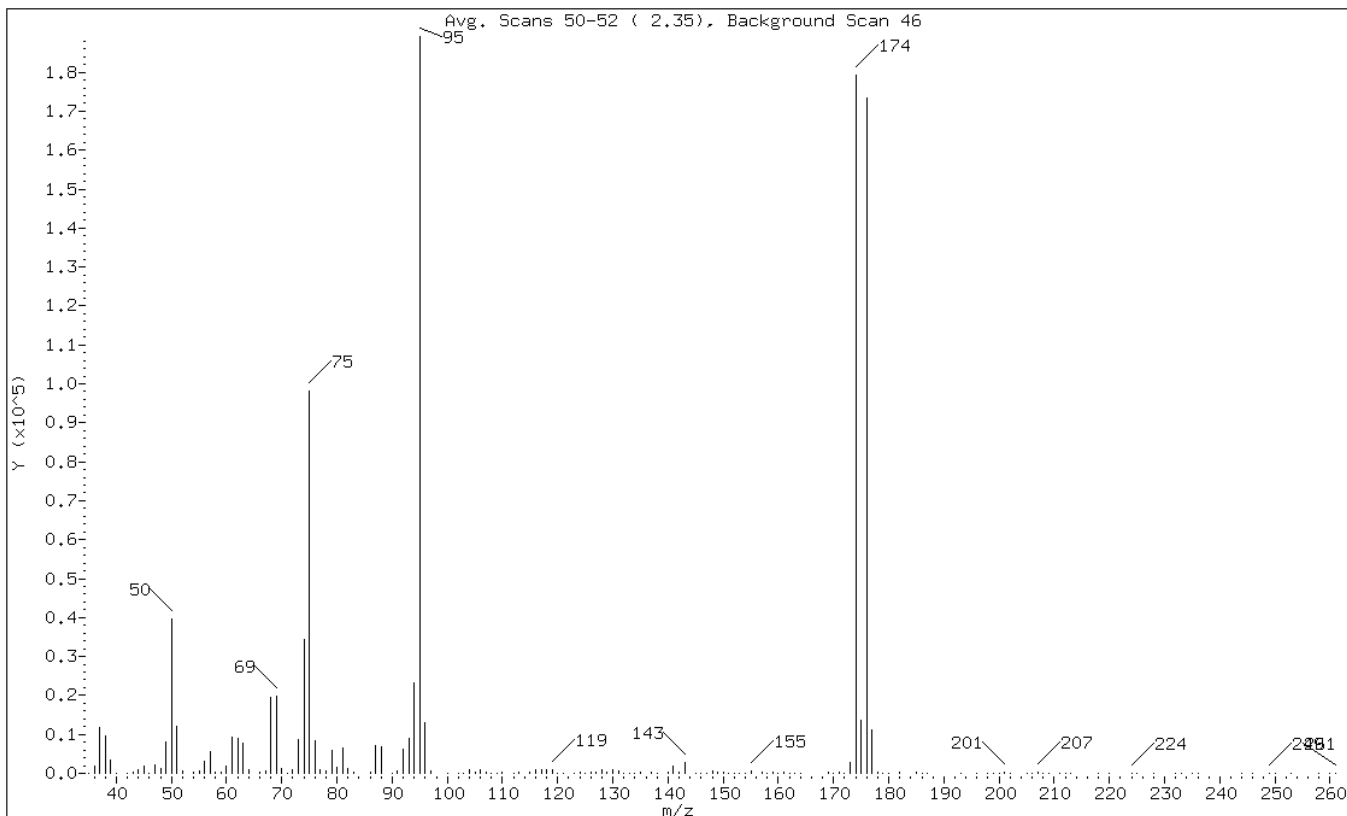
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.89
75	30.00 - 60.00% of mass 95	51.91
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	1.48 (1.56)
174	50.00 - 100.00% of mass 95	94.68
175	5.00 - 9.00% of mass 174	7.17 (7.57)
176	95.00 - 101.00% of mass 174	91.66 (96.81)
177	5.00 - 9.00% of mass 176	5.91 (6.44)

Data File: e09271.d

Date: 22-OCT-2012 22:05

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/10-22-12/22oct12.b/e09271.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 162

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	97	79.00	6036	129.00	314	178.00	423
36.00	1715	80.00	1649	130.00	848	179.00	65
37.00	11706	81.00	6355	131.00	491	180.00	35
38.00	9749	82.00	1226	132.00	73	182.00	213
39.00	3546	83.00	231	133.00	39	185.00	238
40.00	153	86.00	320	134.00	70	186.00	89
42.00	116	87.00	6986	135.00	399	187.00	39
43.00	341	88.00	6939	137.00	462	193.00	37
44.00	777	90.00	67	138.00	46	196.00	39
45.00	2010	91.00	598	140.00	291	198.00	39
46.00	148	92.00	6235	141.00	1753	199.00	80
47.00	2087	93.00	8835	142.00	201	200.00	75
48.00	1374	94.00	23128	143.00	2713	201.00	187
49.00	7951	95.00	189184	145.00	131	202.00	95
50.00	39520	96.00	12908	146.00	126	205.00	41
51.00	12081	97.00	483	147.00	127	206.00	40
52.00	701	100.00	66	148.00	497	207.00	217
54.00	177	102.00	60	149.00	236	208.00	35
55.00	495	103.00	11	150.00	284	209.00	34
56.00	3084	104.00	919	151.00	138	211.00	32
57.00	5477	105.00	418	152.00	39	212.00	69
58.00	259	106.00	884	153.00	74	213.00	38
59.00	256	107.00	371	154.00	27	218.00	44
60.00	1996	108.00	59	155.00	714	220.00	43
61.00	9340	109.00	136	157.00	339	224.00	105
62.00	8958	110.00	210	158.00	34	225.00	41
63.00	7794	112.00	154	159.00	192	228.00	34
64.00	822	113.00	239	160.00	121	232.00	63
66.00	197	115.00	424	161.00	195	233.00	46
67.00	624	116.00	799	162.00	121	235.00	99
68.00	19544	117.00	796	163.00	95	236.00	34
69.00	19952	118.00	854	164.00	50	244.00	34
70.00	1286	119.00	960	169.00	267	246.00	35
71.00	47	120.00	6	170.00	142	249.00	103
72.00	988	121.00	54	171.00	366	250.00	57
73.00	8751	123.00	139	172.00	9	253.00	46
74.00	34232	124.00	175	173.00	2802	258.00	38
75.00	98216	125.00	62	174.00	179136	260.00	38
76.00	8284	126.00	178	175.00	13561	261.00	37
77.00	949	127.00	200	176.00	173376		

	78.00	550		128.00	944		177.00	11174				
+	-----+											+

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09397.d
 Report Date: 25-Oct-2012 06:36

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09397.d
 Lab Smp Id: BFB
 Inj Date : 25-OCT-2012 06:32
 Operator : VOAMS 1 Inst ID: VOAMS5.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.352	2.600 (0.000)	95	88656			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	18976			15.00- 40.00	21.40
2.352	2.600 (0.000)	75	45376			30.00- 60.00	51.18
2.352	2.600 (0.000)	96	5025			5.00- 9.00	5.67
2.352	2.600 (0.000)	173	594			0.00- 2.00	0.71
2.352	2.600 (0.000)	174	83472			50.00- 100.00	94.15
2.352	2.600 (0.000)	175	6472			5.00- 9.00	7.75
2.352	2.600 (0.000)	176	79320			95.00- 101.00	95.03
2.352	2.600 (0.000)	177	4544			5.00- 9.00	5.73

Data File: e09397.d

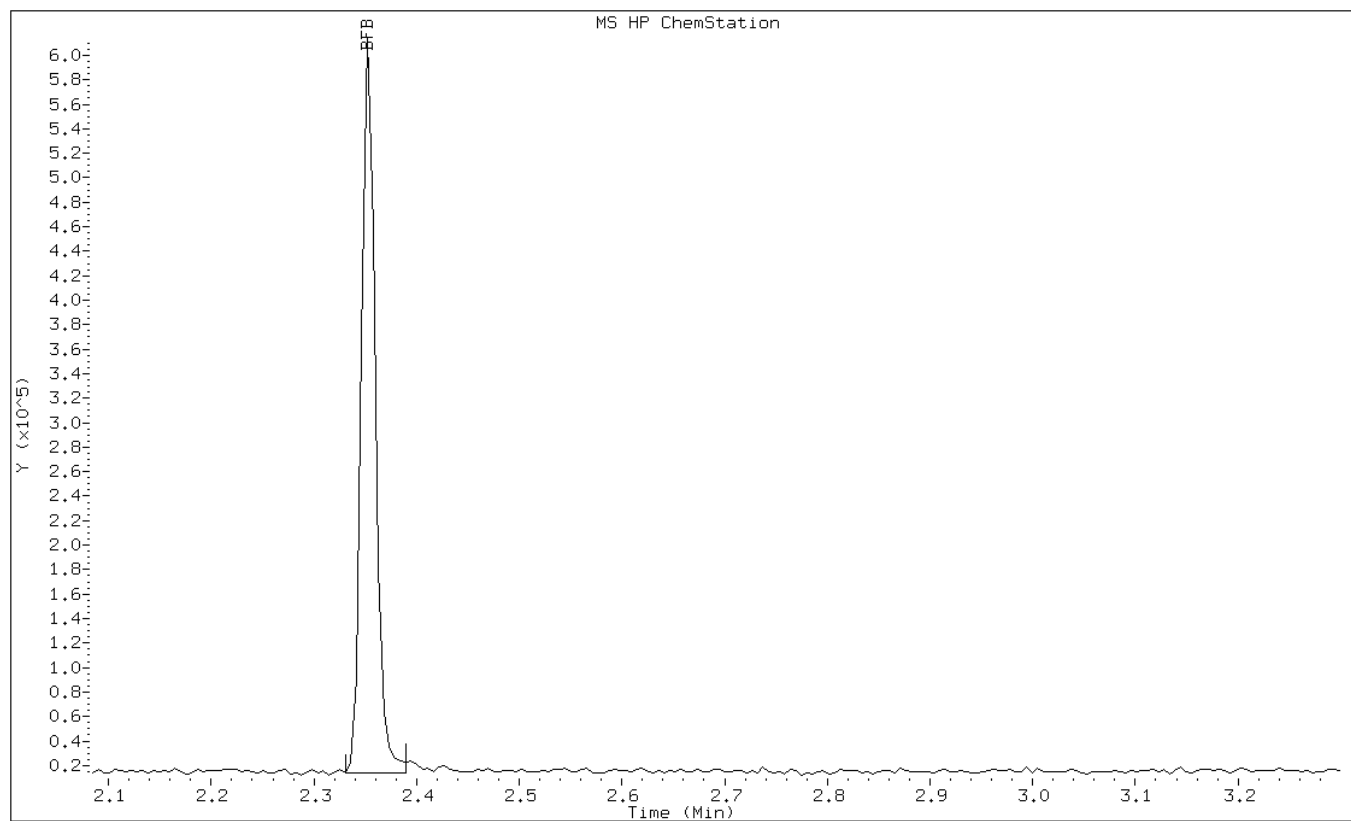
Date: 25-OCT-2012 06:32

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e09397.d

Date: 25-OCT-2012 06:32

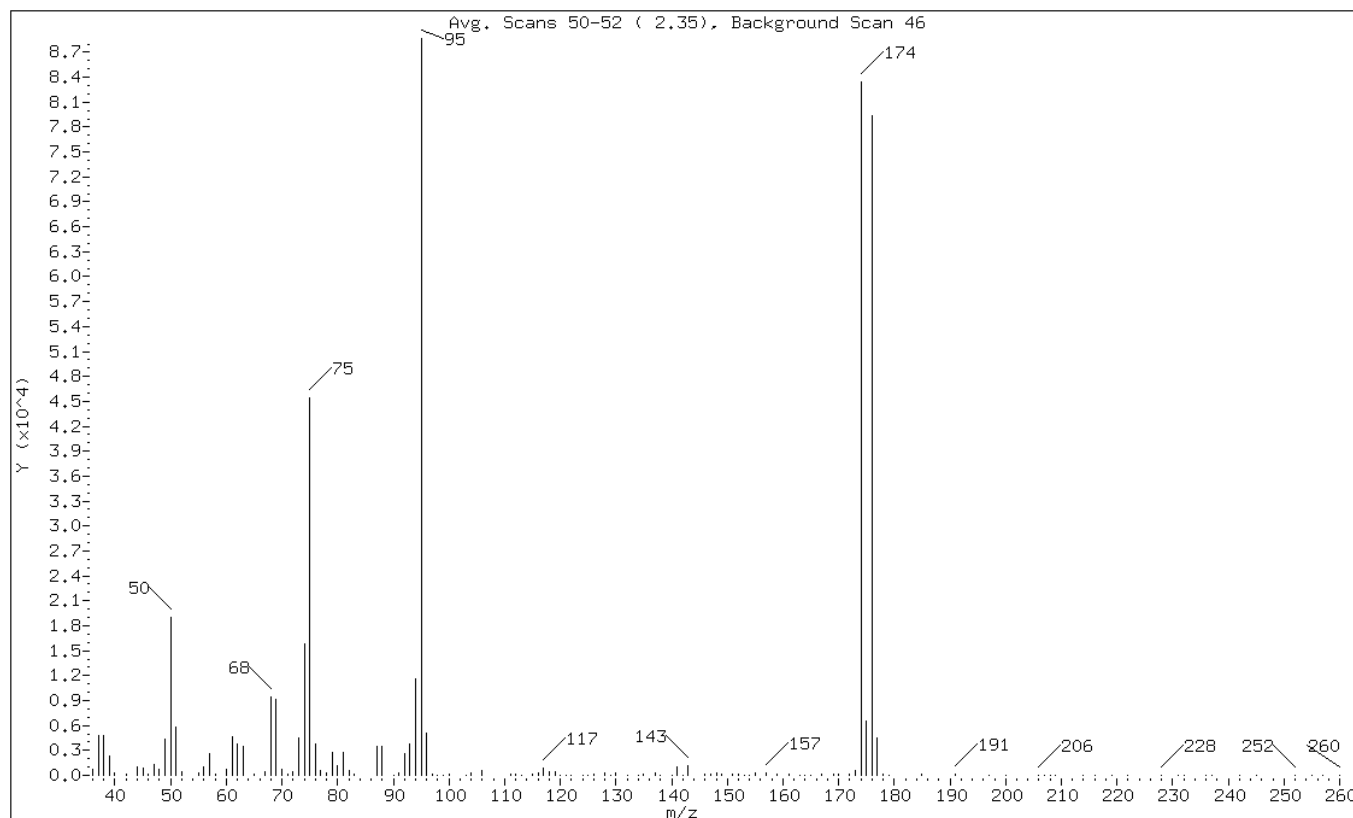
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.40
75	30.00 - 60.00% of mass 95	51.18
96	5.00 - 9.00% of mass 95	5.67
173	Less than 2.00% of mass 174	0.67 (0.71)
174	50.00 - 100.00% of mass 95	94.15
175	5.00 - 9.00% of mass 174	7.30 (7.75)
176	95.00 - 101.00% of mass 174	89.47 (95.03)
177	5.00 - 9.00% of mass 176	5.13 (5.73)

Data File: e09397.d

Date: 25-OCT-2012 06:32

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09397.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	661	77.00	628	124.00	41	173.00	594
37.00	4719	78.00	308	125.00	34	174.00	83472
38.00	4820	79.00	2824	126.00	83	175.00	6472
39.00	2265	80.00	1143	128.00	345	176.00	79320
40.00	267	81.00	2780	129.00	24	177.00	4544
42.00	148	82.00	556	130.00	320	178.00	154
44.00	1012	83.00	112	132.00	33	179.00	42
45.00	833	87.00	3412	134.00	59	185.00	119
46.00	167	88.00	3464	135.00	114	191.00	90
47.00	1234	90.00	54	137.00	256	197.00	46
48.00	761	91.00	304	138.00	60	200.00	43
49.00	4354	92.00	2595	140.00	51	206.00	71
50.00	18976	93.00	3822	141.00	1018	207.00	31
51.00	5848	94.00	11644	142.00	22	208.00	66
52.00	409	95.00	88656	143.00	1222	209.00	38
55.00	266	96.00	5025	146.00	186	214.00	64
56.00	1060	97.00	169	147.00	80	216.00	45
57.00	2598	98.00	52	148.00	286	219.00	34
58.00	186	99.00	43	149.00	162	222.00	46
60.00	694	100.00	163	151.00	73	228.00	72
61.00	4712	103.00	51	152.00	88	231.00	63
62.00	3768	104.00	235	153.00	62	232.00	60
63.00	3550	106.00	544	154.00	66	236.00	54
65.00	155	111.00	176	155.00	294	237.00	36
67.00	392	112.00	80	157.00	312	242.00	36
68.00	9417	113.00	43	159.00	161	245.00	65
69.00	9135	115.00	189	161.00	128	252.00	70
70.00	662	116.00	287	163.00	42	255.00	45
71.00	198	117.00	843	164.00	55	257.00	36
72.00	482	118.00	470	165.00	41	260.00	35
73.00	4464	119.00	491	167.00	101		
74.00	15885	120.00	65	169.00	92		
75.00	45376	121.00	59	170.00	117		
76.00	3803	122.00	50	172.00	74		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-133510/4

Matrix: Water Lab File ID: e09402.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:05

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-133510/4
 Matrix: Water Lab File ID: e09402.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-133510/4
Matrix: Water Lab File ID: e09402.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 09:05
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 133510 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09402.d
 Report Date: 25-Oct-2012 10:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09402.d
 Lab Smp Id: MB
 Inj Date : 25-OCT-2012 09:05
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 25-Oct-2012 07:37 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 5 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.934)	277435	48.4714	48	
* 52 Fluorobenzene	96	3.601	3.595	(1.000)	909949	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	920823	50.0768	50	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	852084	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	471203	49.9535	50	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	547163	50.0000		

Data File: e09402.d

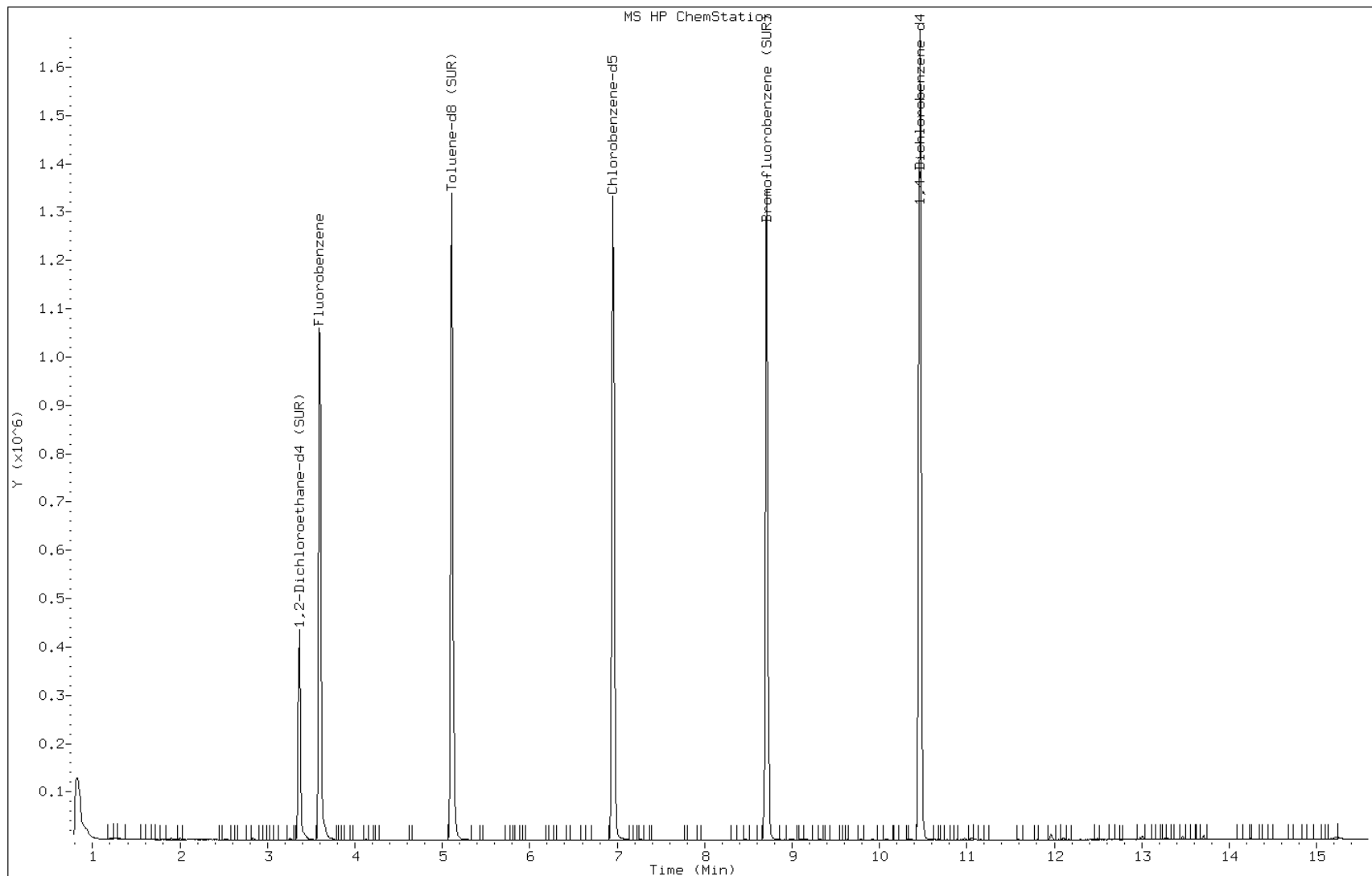
Date: 25-OCT-2012 09:05

Client ID:

Instrument: VOAMS5.i

Sample Info: MB

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-133510/3
 Matrix: Water Lab File ID: e09399.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 07:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.060
75-71-8	Dichlorodifluoromethane	16.9		1.0	0.22
74-87-3	Chloromethane	18.4		1.0	0.10
75-01-4	Vinyl chloride	18.8		1.0	0.14
74-83-9	Bromomethane	18.9		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.0	0.40
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.21
75-69-4	Trichlorofluoromethane	17.2		1.0	0.15
75-35-4	1,1-Dichloroethene	19.7		1.0	0.090
78-87-5	1,2-Dichloropropane	19.2		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.4		1.0	0.080
67-64-1	Acetone	19.4		5.0	2.7
75-15-0	Carbon disulfide	21.2		1.0	0.13
79-20-9	Methyl acetate	18.7		2.0	0.34
75-09-2	Methylene Chloride	18.8		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.13
124-48-1	Chlorodibromomethane	19.2		1.0	0.20
1634-04-4	Methyl tert-butyl ether	17.7		1.0	0.14
75-00-3	Chloroethane	18.6		1.0	0.17
75-34-3	1,1-Dichloroethane	18.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.18
78-93-3	2-Butanone (MEK)	17.9		5.0	2.3
67-66-3	Chloroform	19.3		1.0	0.080
100-41-4	Ethylbenzene	19.2		1.0	0.10
110-82-7	Cyclohexane	19.1		1.0	0.16
56-23-5	Carbon tetrachloride	19.2		1.0	0.060
71-43-2	Benzene	19.7		1.0	0.080
107-06-2	1,2-Dichloroethane	19.2		1.0	0.19
79-01-6	Trichloroethene	20.5		1.0	0.090
108-87-2	Methylcyclohexane	19.1		1.0	0.14
75-27-4	Dichlorobromomethane	19.5		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	18.2		5.0	0.99
108-88-3	Toluene	19.5		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-133510/3
 Matrix: Water Lab File ID: e09399.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 07:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.19
127-18-4	Tetrachloroethene	19.0		1.0	0.10
591-78-6	2-Hexanone	18.4		5.0	0.50
106-93-4	1,2-Dibromoethane	18.9		1.0	0.28
108-90-7	Chlorobenzene	19.4		1.0	0.11
1330-20-7	Xylenes, Total	57.4		3.0	0.36
100-42-5	Styrene	19.2		1.0	0.12
75-25-2	Bromoform	18.9		1.0	0.19
98-82-8	Isopropylbenzene	19.0		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.0	0.16
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.0		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09399.d
 Report Date: 25-Oct-2012 08:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09399.d
 Lab Smp Id: LCS
 Inj Date : 25-OCT-2012 07:40
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 25-Oct-2012 07:37 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 2 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	0.894	0.900	(0.249)	81687		16.9397	17
3 Chloromethane	50	1.016	1.022	(0.283)	158821		18.4227	18
4 Vinyl Chloride	62	1.029	1.028	(0.286)	132576		18.8118	19
6 Bromomethane	94	1.181	1.181	(0.328)	80146		18.8523	19
5 Chloroethane	64	1.236	1.236	(0.344)	78639		18.6275	19
7 Trichlorofluoromethane	101	1.303	1.303	(0.362)	133478		17.2181	17
14 Freon TF	101	1.571	1.571	(0.437)	92457		18.4426	18
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	87640		19.7431	20
16 Acetone	58	1.900	1.900	(0.529)	10879		19.3528	19
18 Carbon Disulfide	76	1.565	1.565	(0.435)	352641		21.2280	21
27 Methyl Acetate	74	1.967	1.967	(0.547)	20758		18.7028	19
22 Methylene Chloride	49	1.864	1.864	(0.518)	150549		18.7613	19
28 MTBE	73	2.022	2.022	(0.562)	309665		17.7121	18
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	101200		18.6479	19
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	206578		18.8136	19
36 cis-1,2-Dichloroethene	96	2.656	2.656	(0.739)	110090		19.3290	19

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09399.d
 Report Date: 25-Oct-2012 08:02

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.077	3.077	(0.856)		17483	17.8967	18
42 Chloroform	83		2.845	2.845	(0.791)		185416	19.2744	19
44 Cyclohexane	56		2.784	2.784	(0.774)		165972	19.0705	19
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)		166099	19.6543	20
45 Carbon Tetrachloride	117		2.931	2.930	(0.815)		136641	19.2058	19
48 Benzene	78		3.260	3.260	(0.469)		446344	19.6600	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.936)		285817	46.0198	46
49 1,2-Dichloroethane	62		3.418	3.418	(0.951)		153803	19.2377	19
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		987382	50.0000	
54 Trichloroethene	95		3.741	3.741	(1.041)		118845	20.4808	20
56 Methyl cyclohexane	83		3.729	3.729	(1.037)		143538	19.1152	19
57 1,2-Dichloropropane	63		4.199	4.192	(1.168)		116177	19.2005	19
68 Bromodichloromethane	83		4.272	4.272	(1.188)		147581	19.5127	20
67 cis-1,3-Dichloropropene	75		4.912	4.906	(0.706)		185323	18.9118	19
70 4-Methyl-2-Pentanone	43		5.631	5.631	(0.810)		110374	18.2009	18
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		999034	50.1270	50
66 Toluene	91		5.162	5.162	(0.742)		520987	19.4777	19
64 trans-1,3-Dichloropropene	75		5.650	5.649	(0.812)		168739	18.7980	19
69 1,1,2-Trichloroethane	83		5.826	5.820	(0.838)		82360	19.2807	19
71 Tetrachloroethene	166		5.583	5.582	(0.803)		133636	18.9566	19
73 2-Hexanone	43		6.680	6.680	(0.961)		86348	18.4476	18
74 Dibromochloromethane	129		6.021	6.021	(0.866)		122101	19.2286	19
77 1,2-Dibromoethane	107		6.265	6.259	(0.901)		104713	18.9285	19
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		923531	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		361442	19.4352	19
81 Ethylbenzene	106		7.064	7.064	(1.016)		188037	19.1560	19
82 m+p-Xylene	106		7.277	7.277	(1.046)		479619	38.2126	38
84 o-Xylene	106		7.863	7.862	(1.131)		235612	19.1809	19
85 Styrene	104		7.942	7.942	(1.142)		398782	19.2276	19
86 Bromoform	173		7.917	7.917	(1.139)		90132	18.9267	19
88 Isopropylbenzene	105		8.350	8.344	(1.201)		587552	19.0032	19
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		508143	50.2590	50
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		127240	18.0183	18
105 1,3-Dichlorobenzene	146		10.332	10.325	(0.987)		301719	19.1763	19
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		586471	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		311764	18.9763	19
111 1,2-Dichlorobenzene	146		11.149	11.148	(1.065)		289461	19.2251	19
112 1,2-Dibromo-3-chloropropane	75		12.234	12.234	(1.169)		23237	18.9854	19
114 1,2,4-Trichlorobenzene	180		12.984	12.983	(1.241)		176257	19.0132	19
M 120 1,2-Dichloroethene (Total)	100						211291	37.9769	38
M 121 Xylene (Total)	100						715231	57.3935	57

Data File: e09399.d

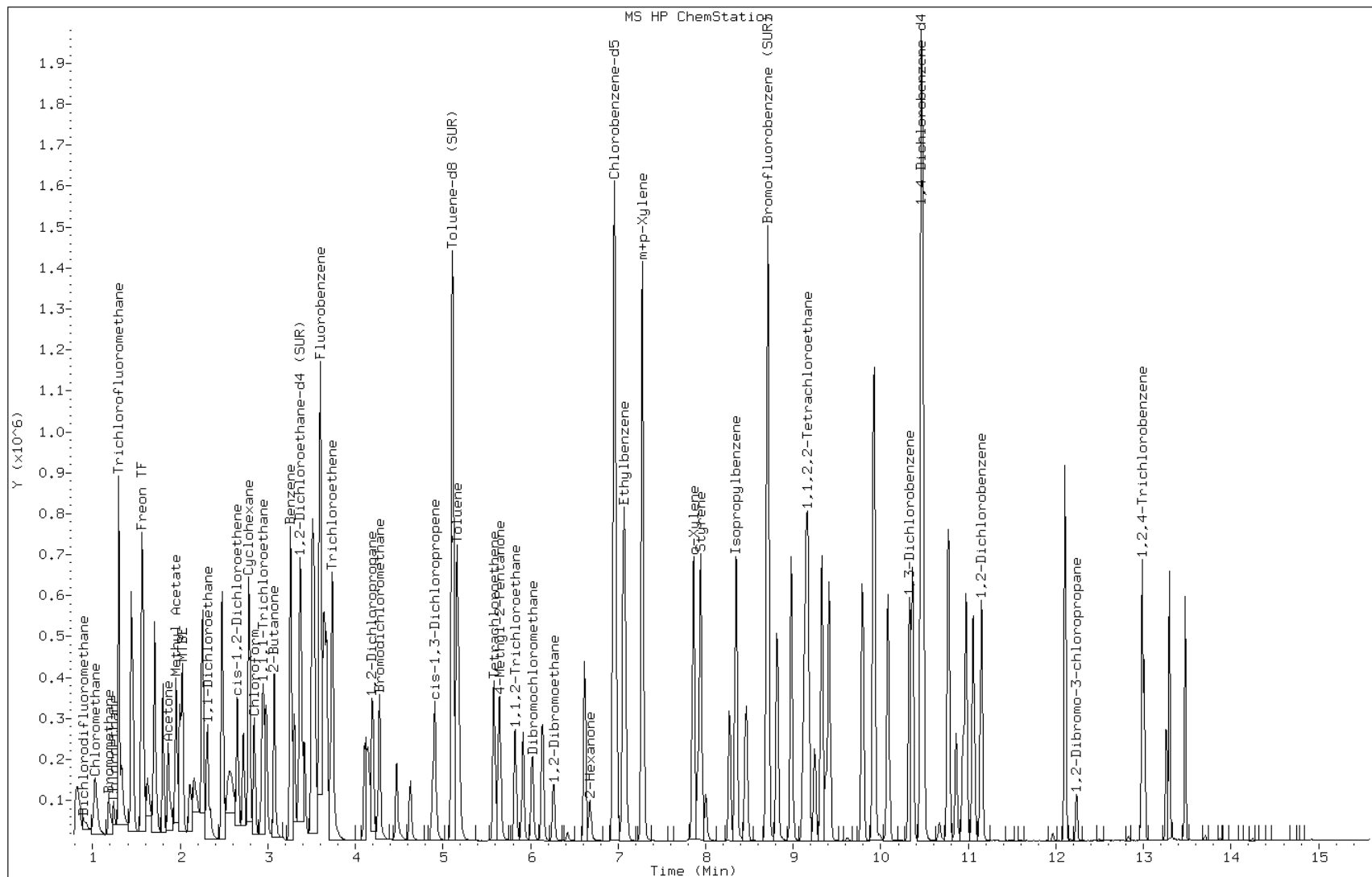
Date: 25-OCT-2012 07:40

Client ID:

Instrument: VOAMS5.i

Sample Info: LCS

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4 MS
 Matrix: Water Lab File ID: e09413.d
 Analysis Method: 8260B Date Collected: 10/18/2012 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 13:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	14.6		1.0	0.060
75-71-8	Dichlorodifluoromethane	12.7		1.0	0.22
74-87-3	Chloromethane	13.4		1.0	0.10
75-01-4	Vinyl chloride	14.0		1.0	0.14
74-83-9	Bromomethane	15.3		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1.0	0.40
95-50-1	1,2-Dichlorobenzene	14.9		1.0	0.21
75-69-4	Trichlorofluoromethane	19.5		1.0	0.15
75-35-4	1,1-Dichloroethene	13.7		1.0	0.090
78-87-5	1,2-Dichloropropane	15.3		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13.9		1.0	0.080
67-64-1	Acetone	14.8		5.0	2.7
75-15-0	Carbon disulfide	14.1		1.0	0.13
79-20-9	Methyl acetate	10.9		2.0	0.34
75-09-2	Methylene Chloride	14.7		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	13.5		1.0	0.13
124-48-1	Chlorodibromomethane	14.9		1.0	0.20
1634-04-4	Methyl tert-butyl ether	13.7		1.0	0.14
75-00-3	Chloroethane	18.0		1.0	0.17
75-34-3	1,1-Dichloroethane	13.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	14.9		1.0	0.18
78-93-3	2-Butanone (MEK)	13.6		5.0	2.3
67-66-3	Chloroform	14.7		1.0	0.080
100-41-4	Ethylbenzene	15.1		1.0	0.10
110-82-7	Cyclohexane	15.8		1.0	0.16
56-23-5	Carbon tetrachloride	14.9		1.0	0.060
71-43-2	Benzene	15.2		1.0	0.080
107-06-2	1,2-Dichloroethane	14.3		1.0	0.19
79-01-6	Trichloroethene	15.0		1.0	0.090
108-87-2	Methylcyclohexane	19.2		1.0	0.14
75-27-4	Dichlorobromomethane	16.0		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	14.6		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	13.9		5.0	0.99
108-88-3	Toluene	14.9		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	14.6		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4 MS
 Matrix: Water Lab File ID: e09413.d
 Analysis Method: 8260B Date Collected: 10/18/2012 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 13:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	15.3		1.0	0.19
127-18-4	Tetrachloroethene	14.9		1.0	0.10
591-78-6	2-Hexanone	13.4		5.0	0.50
106-93-4	1,2-Dibromoethane	14.4		1.0	0.28
108-90-7	Chlorobenzene	15.1		1.0	0.11
1330-20-7	Xylenes, Total	45.4		3.0	0.36
100-42-5	Styrene	15.0		1.0	0.12
75-25-2	Bromoform	14.2		1.0	0.19
98-82-8	Isopropylbenzene	14.7		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	14.0		1.0	0.16
541-73-1	1,3-Dichlorobenzene	15.0		1.0	0.14
106-46-7	1,4-Dichlorobenzene	14.9		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	13.6		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09413.d
 Report Date: 26-Oct-2012 04:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09413.d
 Lab Smp Id: 460-46192-A-4 MS Client Smp ID: WG-17338-101812-MW2
 Inj Date : 25-OCT-2012 13:21
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-4 MS
 Misc Info : 460-46192-A-4 MS
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 25-Oct-2012 07:37 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 16 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG							CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====		
2 Dichlorodifluoromethane	85	0.900	0.900	(0.250)	59449	12.6618	13		
3 Chloromethane	50	1.016	1.022	(0.282)	112459	13.3978	13		
4 Vinyl Chloride	62	1.028	1.028	(0.286)	96114	14.0071	14		
6 Bromomethane	94	1.181	1.181	(0.328)	63503	15.3418	15		
5 Chloroethane	64	1.236	1.236	(0.343)	74043	18.0135	18		
7 Trichlorofluoromethane	101	1.309	1.303	(0.363)	147171	19.4982	19		
14 Freon TF	101	1.577	1.571	(0.438)	67761	13.8822	14		
15 1,1-Dichloroethene	96	1.559	1.553	(0.433)	59251	13.7090	14		
16 Acetone	58	1.894	1.900	(0.526)	8103	14.8059	15		
18 Carbon Disulfide	76	1.571	1.565	(0.436)	227382	14.0581	14		
27 Methyl Acetate	74	1.961	1.967	(0.545)	11776	10.8978	11		
22 Methylene Chloride	49	1.864	1.864	(0.518)	114895	14.7056	15(R)		
28 MTBE	73	2.016	2.022	(0.560)	232641	13.6665	14(R)		
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.541)	71144	13.4642	13(R)		
30 1,1-Dichloroethane	63	2.309	2.309	(0.641)	147444	13.7914	14(R)		
36 cis-1,2-Dichloroethene	96	2.656	2.656	(0.738)	82357	14.8511	15(R)		

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09413.d
 Report Date: 26-Oct-2012 04:04

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.854)	12913	13.5762	14
42 Chloroform	83	2.845	2.845	(0.790)	137446	14.6743	15(R)
44 Cyclohexane	56	2.784	2.784	(0.773)	133945	15.8070	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.827)	119886	14.5699	14(R)
45 Carbon Tetrachloride	117	2.937	2.930	(0.815)	103380	14.9239	15
48 Benzene	78	3.260	3.260	(0.469)	337649	15.2228	15(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.934)	278611	46.0733	46
49 1,2-Dichloroethane	62	3.418	3.418	(0.949)	111274	14.2948	14(R)
* 52 Fluorobenzene	96	3.601	3.595	(1.000)	961371	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.039)	84980	15.0410	15(R)
56 Methyl cyclohexane	83	3.729	3.729	(1.036)	140496	19.2164	19
57 1,2-Dichloropropane	63	4.199	4.192	(1.166)	90344	15.3351	15(R)
68 Bromodichloromethane	83	4.272	4.272	(1.186)	117639	15.9748	16
67 cis-1,3-Dichloropropene	75	4.912	4.906	(0.706)	139505	14.5717	14(R)
70 4-Methyl-2-Pentanone	43	5.625	5.631	(0.809)	82095	13.8567	14
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	970150	49.8248	50
66 Toluene	91	5.162	5.162	(0.742)	389297	14.8973	15(R)
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	127767	14.5691	14(R)
69 1,1,2-Trichloroethane	83	5.826	5.820	(0.838)	63762	15.2786	15(R)
71 Tetrachloroethene	166	5.582	5.582	(0.803)	102838	14.9315	15
73 2-Hexanone	43	6.674	6.680	(0.960)	61262	13.3966	13
74 Dibromochloromethane	129	6.015	6.021	(0.865)	92426	14.8984	15(R)
77 1,2-Dibromoethane	107	6.265	6.259	(0.901)	78094	14.4494	14(R)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	902268	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	274053	15.0835	15(R)
81 Ethylbenzene	106	7.064	7.064	(1.016)	144538	15.0716	15(R)
82 m+p-Xylene	106	7.277	7.277	(1.046)	373523	30.4609	30
84 o-Xylene	106	7.862	7.862	(1.131)	179362	14.9458	15(R)
85 Styrene	104	7.942	7.942	(1.142)	303761	14.9913	15
86 Bromoform	173	7.911	7.917	(1.138)	65840	14.1516	14(R)
88 Isopropylbenzene	105	8.344	8.344	(1.200)	444623	14.7194	15(R)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	496372	48.3923	48
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	100366	14.0093	14(R)
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	239167	14.9831	15(R)
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	594984	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.490	(1.002)	248321	14.8984	15(R)
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	227484	14.8926	15(R)
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	17622	14.1924	14
114 1,2,4-Trichlorobenzene	180	12.989	12.983	(1.241)	127695	13.5775	14
M 120 1,2-Dichloroethene (Total)	100				153502	28.3153	28
M 121 Xylene (Total)	100				552886	45.4067	45

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e09413.d

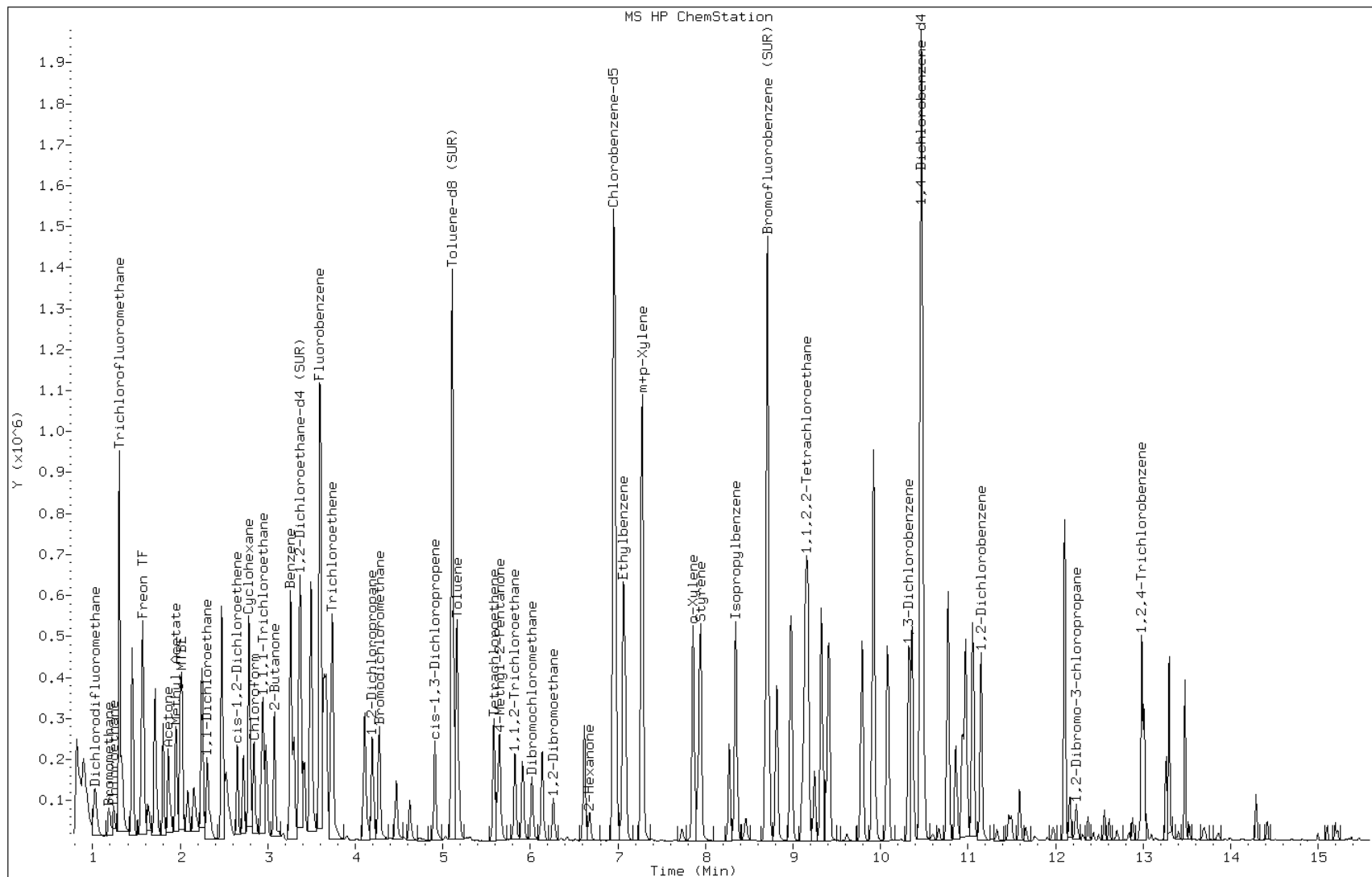
Date: 25-OCT-2012 13:21

Client ID: WG-17338-101812-MW2

Instrument: VOAMS5.i

Sample Info: 460-46192-A-4 MS

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4 MSD
 Matrix: Water Lab File ID: e09414.d
 Analysis Method: 8260B Date Collected: 10/18/2012 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 13:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.0		1.0	0.060
75-71-8	Dichlorodifluoromethane	21.2		1.0	0.22
74-87-3	Chloromethane	22.3		1.0	0.10
75-01-4	Vinyl chloride	23.1		1.0	0.14
74-83-9	Bromomethane	23.6		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	22.9		1.0	0.40
95-50-1	1,2-Dichlorobenzene	23.6		1.0	0.21
75-69-4	Trichlorofluoromethane	32.4		1.0	0.15
75-35-4	1,1-Dichloroethene	21.5		1.0	0.090
78-87-5	1,2-Dichloropropane	24.2		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.9		1.0	0.080
67-64-1	Acetone	20.5		5.0	2.7
75-15-0	Carbon disulfide	22.8		1.0	0.13
79-20-9	Methyl acetate	16.7		2.0	0.34
75-09-2	Methylene Chloride	23.7		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.13
124-48-1	Chlorodibromomethane	23.8		1.0	0.20
1634-04-4	Methyl tert-butyl ether	21.5		1.0	0.14
75-00-3	Chloroethane	27.5		1.0	0.17
75-34-3	1,1-Dichloroethane	22.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	23.4		1.0	0.18
78-93-3	2-Butanone (MEK)	21.4		5.0	2.3
67-66-3	Chloroform	24.4		1.0	0.080
100-41-4	Ethylbenzene	24.3		1.0	0.10
110-82-7	Cyclohexane	24.5		1.0	0.16
56-23-5	Carbon tetrachloride	24.2		1.0	0.060
71-43-2	Benzene	23.4		1.0	0.080
107-06-2	1,2-Dichloroethane	22.5		1.0	0.19
79-01-6	Trichloroethene	23.9		1.0	0.090
108-87-2	Methylcyclohexane	26.9		1.0	0.14
75-27-4	Dichlorobromomethane	25.3		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	23.0		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	21.6		5.0	0.99
108-88-3	Toluene	23.8		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	23.3		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Client Sample ID: WG-17338-101812-MW27-MM-2 Lab Sample ID: 460-46192-4 MSD
 Matrix: Water Lab File ID: e09414.d
 Analysis Method: 8260B Date Collected: 10/18/2012 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 10/25/2012 13:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 133510 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	23.3		1.0	0.19
127-18-4	Tetrachloroethene	23.8		1.0	0.10
591-78-6	2-Hexanone	23.0		5.0	0.50
106-93-4	1,2-Dibromoethane	23.0		1.0	0.28
108-90-7	Chlorobenzene	24.3		1.0	0.11
1330-20-7	Xylenes, Total	72.6		3.0	0.36
100-42-5	Styrene	24.0		1.0	0.12
75-25-2	Bromoform	23.2		1.0	0.19
98-82-8	Isopropylbenzene	23.8		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	23.2		1.0	0.16
541-73-1	1,3-Dichlorobenzene	24.0		1.0	0.14
106-46-7	1,4-Dichlorobenzene	24.0		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09414.d
 Report Date: 26-Oct-2012 04:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09414.d
 Lab Smp Id: 460-46192-A-4 MSD Client Smp ID: WG-17338-101812-MW2
 Inj Date : 25-OCT-2012 13:45
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-46192-A-4 MSD
 Misc Info : 460-46192-A-4 MSD
 Comment :
 Method : /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/8260DE_09.m
 Meth Date : 25-Oct-2012 07:37 audberto Quant Type: ISTD
 Cal Date : 25-OCT-2012 07:15 Cal File: e09398.d
 Als bottle: 17 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.900	(0.249)	99666	21.2470	21
3 Chloromethane	50	1.016	1.022	(0.283)	187180	22.3202	22
4 Vinyl Chloride	62	1.028	1.028	(0.286)	158164	23.0712	23
6 Bromomethane	94	1.181	1.181	(0.328)	97666	23.6169	24
5 Chloroethane	64	1.236	1.236	(0.344)	112977	27.5108	28
7 Trichlorofluoromethane	101	1.303	1.303	(0.362)	244481	32.4204	32(R)
14 Freon TF	101	1.577	1.571	(0.439)	111748	22.9149	23
15 1,1-Dichloroethene	96	1.559	1.553	(0.434)	92647	21.4557	21
16 Acetone	58	1.894	1.900	(0.527)	11218	20.5150	20
18 Carbon Disulfide	76	1.571	1.565	(0.437)	367643	22.7509	23
27 Methyl Acetate	74	1.961	1.967	(0.546)	18083	16.7492	17
22 Methylene Chloride	49	1.864	1.864	(0.518)	184842	23.6800	24
28 MTBE	73	2.016	2.022	(0.561)	366125	21.5280	22
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	114816	21.7493	22
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	241079	22.5707	22
36 cis-1,2-Dichloroethene	96	2.656	2.656	(0.739)	129675	23.4052	23

Data File: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b/e09414.d
 Report Date: 26-Oct-2012 04:04

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ug/L)	(ug/L)
=====	=====		==	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.077	(0.854)	20310	21.3735	21
42 Chloroform	83		2.845	2.845	(0.791)	228017	24.3667	24
44 Cyclohexane	56		2.784	2.784	(0.774)	207272	24.4830	24
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)	197454	24.0188	24
45 Carbon Tetrachloride	117		2.937	2.930	(0.817)	167438	24.1936	24(R)
48 Benzene	78		3.260	3.260	(0.469)	527433	23.4240	23
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.936)	274844	45.4925	45
49 1,2-Dichloroethane	62		3.418	3.418	(0.951)	174761	22.4714	22
* 52 Fluorobenzene	96		3.595	3.595	(1.000)	960482	50.0000	
54 Trichloroethene	95		3.741	3.741	(1.041)	134673	23.8586	24(R)
56 Methyl cyclohexane	83		3.729	3.729	(1.037)	196598	26.9145	27(R)
57 1,2-Dichloropropane	63		4.192	4.192	(1.166)	142661	24.2378	24(R)
68 Bromodichloromethane	83		4.272	4.272	(1.188)	186307	25.3229	25(R)
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)	223808	23.0282	23
70 4-Methyl-2-Pentanone	43		5.625	5.631	(0.809)	129761	21.5749	22
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)	984808	49.8222	50
66 Toluene	91		5.162	5.162	(0.742)	630181	23.7551	24
64 trans-1,3-Dichloropropene	75		5.650	5.649	(0.812)	207849	23.3467	23
69 1,1,2-Trichloroethane	83		5.820	5.820	(0.837)	98922	23.3495	23
71 Tetrachloroethene	166		5.582	5.582	(0.803)	166624	23.8316	24
73 2-Hexanone	43		6.674	6.680	(0.960)	106683	22.9806	23
74 Dibromochloromethane	129		6.021	6.021	(0.866)	150130	23.8383	24
77 1,2-Dibromoethane	107		6.259	6.259	(0.900)	126122	22.9873	23
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)	915949	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)	447873	24.2821	24(R)
81 Ethylbenzene	106		7.064	7.064	(1.016)	236146	24.2562	24
82 m+p-Xylene	106		7.277	7.277	(1.046)	607073	48.7676	49(R)
84 o-Xylene	106		7.862	7.862	(1.131)	290306	23.8291	24(R)
85 Styrene	104		7.942	7.942	(1.142)	494558	24.0429	24(R)
86 Bromoform	173		7.911	7.917	(1.138)	109599	23.2051	23
88 Isopropylbenzene	105		8.344	8.344	(1.200)	729956	23.8045	24
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)	516778	50.3979	50
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)	166027	23.1819	23
105 1,3-Dichlorobenzene	146		10.332	10.325	(0.987)	382441	23.9665	24
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)	594794	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)	400105	24.0126	24
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)	360535	23.6105	24
112 1,2-Dibromo-3-chloropropane	75		12.234	12.234	(1.169)	28456	22.9243	23
114 1,2,4-Trichlorobenzene	180		12.990	12.983	(1.241)	198630	21.1267	21
M 120 1,2-Dichloroethene (Total)	100					244491	45.1545	45
M 121 Xylene (Total)	100					897379	72.5967	72

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e09414.d

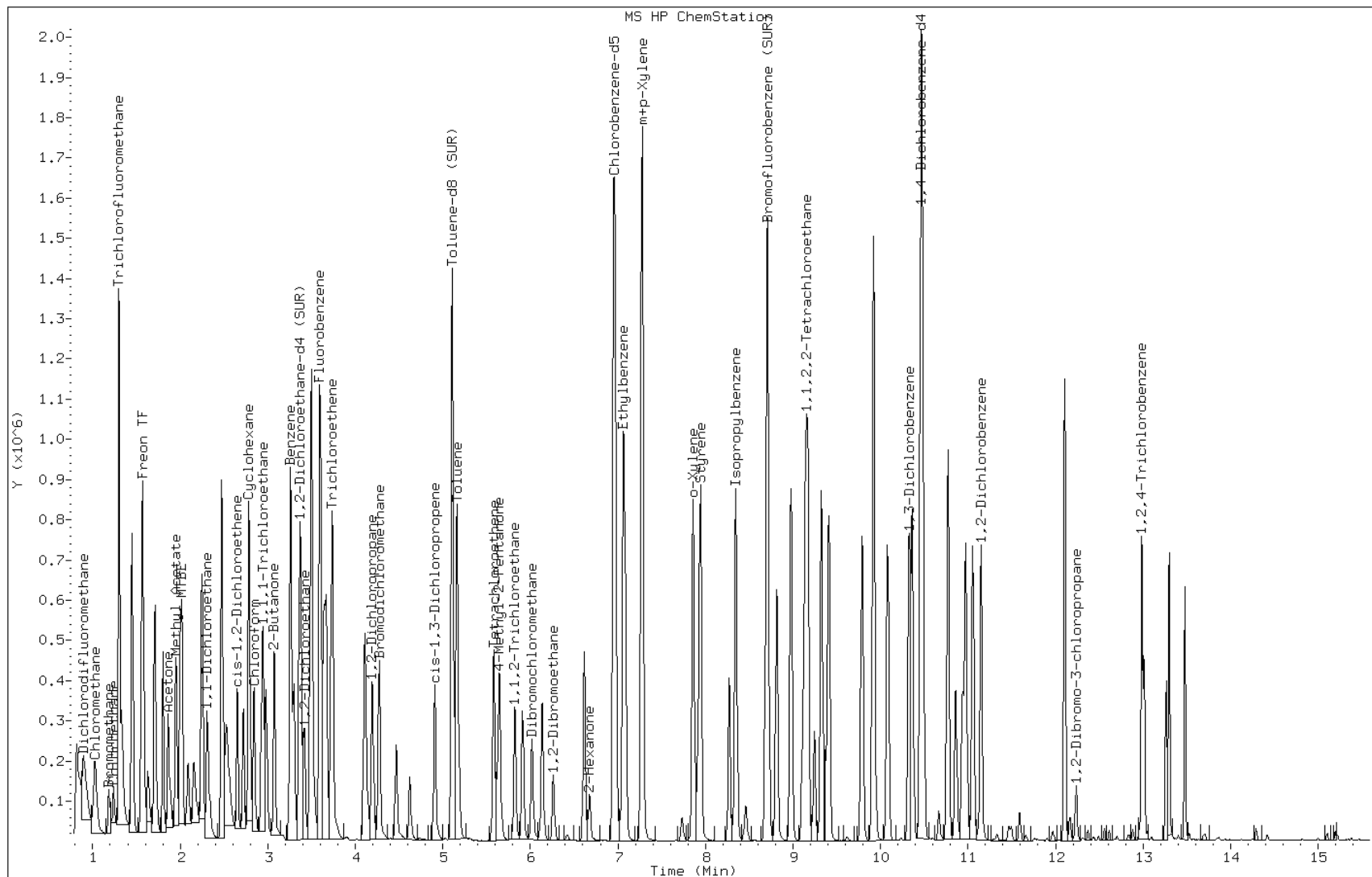
Date: 25-OCT-2012 13:45

Client ID: WG-17338-101812-MW2

Sample Info: 460-46192-A-4 MSD

Instrument: VOAMS5.i

Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 10/22/2012 22:05Analysis Batch Number: 133133 End Date: 10/23/2012 01:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-133133/1		10/22/2012 22:05	1	e09271.d	Rtx-VMS 0.18 (mm)
ICIS 460-133133/2		10/22/2012 22:48	1	e09273.d	Rtx-VMS 0.18 (mm)
IC 460-133133/3		10/23/2012 00:23	1	e09277.d	Rtx-VMS 0.18 (mm)
IC 460-133133/4		10/23/2012 00:46	1	e09278.d	Rtx-VMS 0.18 (mm)
IC 460-133133/5		10/23/2012 01:10	1	e09279.d	Rtx-VMS 0.18 (mm)
IC 460-133133/6		10/23/2012 01:33	1	e09280.d	Rtx-VMS 0.18 (mm)
IC 460-133133/7		10/23/2012 01:57	1	e09281.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 10/25/2012 06:32

Analysis Batch Number: 133510 End Date: 10/25/2012 18:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-133510/1		10/25/2012 06:32	1	e09397.d	Rtx-VMS 0.18 (mm)
CCVIS 460-133510/2		10/25/2012 07:15	1	e09398.d	Rtx-VMS 0.18 (mm)
LCS 460-133510/3		10/25/2012 07:40	1	e09399.d	Rtx-VMS 0.18 (mm)
MB 460-133510/4		10/25/2012 09:05	1	e09402.d	Rtx-VMS 0.18 (mm)
460-46192-5	TB-17338-101812-263	10/25/2012 09:28	1	e09403.d	Rtx-VMS 0.18 (mm)
460-46192-4	WG-17338-101812-MW27-MM-262	10/25/2012 09:51	1	e09404.d	Rtx-VMS 0.18 (mm)
460-46192-2	WG-17338-101812-MW28-MM-260	10/25/2012 10:15	1	e09405.d	Rtx-VMS 0.18 (mm)
460-46192-3	WG-17338-101812-MW35-MM-261	10/25/2012 10:38	1	e09406.d	Rtx-VMS 0.18 (mm)
460-46192-1	WG-17338-101812-MW29-MM-250	10/25/2012 11:01	1	e09407.d	Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 11:25	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 11:48	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 12:11	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 12:35	1		Rtx-VMS 0.18 (mm)
460-46192-4 MS	WG-17338-101812-MW27-MM-262 MS	10/25/2012 13:21	1	e09413.d	Rtx-VMS 0.18 (mm)
460-46192-4 MSD	WG-17338-101812-MW27-MM-262 MSD	10/25/2012 13:45	1	e09414.d	Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 14:08	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 14:31	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 15:41	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 16:04	1		Rtx-VMS 0.18 (mm)
ZZZZZ		10/25/2012 16:28	1		Rtx-VMS 0.18 (mm)
CCV 460-133510/21		10/25/2012 18:24	1	e09426.d	Rtx-VMS 0.18 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMSS.i

Analytical Batch: /chem/VOAMSS.i/8260DE/10-22-12/22oct12.b

Date Generated: 10/23/2012

Page 1

Date	Data File	AUS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
10/22/12	2205 e09271.d	2	BFB		0	0	1	all			
10/22/12	2224 e09272.d	1	CCVIS		5	0	1	HSIDEL		8260 HIGH	G
10/22/12	2248 e09273.d	2	ICIS-VMCAL3		5	0	1	HSIDEL		8260 IS: 1855.74 SURR 500:	NV.
10/22/12	2313 e09274.d	3	BLK		5	0	1	HSIDEL		SURR 250: 1805.75 SURR 300: 1803.04 SURR 500: 1803.04	G
10/22/12	2336 e09275.d	4	BLK		5	0	1	HSIDEL		1803.04 1803.04 1803.04	NV.
10/23/12	0000 e09276.d	5	IC-VMCAL1		5	0	1	HSIDEL		1803.04 1803.04 1803.04	NV.
10/23/12	0023 e09277.d	6	IC-VMCAL1		5	0	1	HSIDEL		1803.04 1803.04 1803.04	NV.
10/23/12	0046 e09278.d	7	IC-VMCAL2		5	0	1	HSIDEL		1803.04 1803.04 1803.04	G
10/23/12	0110 e09279.d	8	IC-VMCAL4		5	0	1	HSIDEL		1803.04 1803.04 1803.04	G
10/23/12	0133 e09280.d	9	IC-VMCAL5		5	0	1	HSIDEL		1803.04 1803.04 1803.04	G
10/23/12	0157 e09281.d	10	IC-VMCAL6		5	0	1	HSIDEL		1803.04 1803.04 1803.04	G
10/23/12	0220 e09282.d	11	BLK		5	0	1	HSIDEL		1803.04 1803.04 1803.04	NV.
10/23/12	0243 e09283.d	12	BLK		5	0	1	HSIDEL		1803.04 1803.04 1803.04	NV.

#133133

Signed: *Ken Perkins*

Read and Understood by: *Ken M*

Date: 10/22/12

Date: 10/23/12

TESTAMERICA

Analytical Batch: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b

Page 1

133510

2X $\rightarrow$ 25 mL $\rightarrow$ 50 mL FV
25X $\rightarrow$ 2 mL $\rightarrow$ 50 mL FV

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/10-22-12/25oct12.b

Date Generated: 10/26/2012

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
10/25/12	1235 e09411.d	14	460-46173-B-17	DA-VAS-14D (17-22)	5	0	1	HSDEL	12		G
10/25/12	1258 e09412.d	15	460-46173-B-8	DA-VAS-12 (18-23)	5	0	2	HSDEL	12		RE IX
10/25/12	1321 e09413.d	16	460-46192-A-4 MS	WG-17338-101812-MM2	5	0	1	HSDEL	12		G
10/25/12	1345 e09414.d	17	460-46192-A-4 MSD	WG-17338-101812-MM2	5	0	1	HSDEL	12		G
10/25/12	1408 e09415.d	18	460-46284-B-1 MS	DA-MM-38-W001	5	0	1	HSDEL	12		G
10/25/12	1431 e09416.d	19	460-46284-B-1 MSD	DA-MM-38-W001	5	0	1	HSDEL	12		G
10/25/12	1455 e09417.d	20	BLANK		5	0	1	HSDEL	-		cleanp.
10/25/12	1518 e09418.d	21	BLANK		5	0	1	HSDEL	-		cleanp.
10/25/12	1541 e09419.d	22	460-46284-B-1	DA-MM-38-W001	5	0	1	HSDEL	12		G
10/25/12	1604 e09420.d	23	460-46284-B-2	DA-MM-39-W001	5	0	1	HSDEL	12		G
10/25/12	1628 e09421.d	24	460-46284-A-6	DA-MM-41-W001	5	0	1	HSDEL	12		G
10/25/12	1651 e09422.d	25	460-46284-B-3	DA-MM-40-W001	5	0	25	HSDEL	12		HC RE IX
10/25/12	1714 e09423.d	26	460-46284-B-4	DA-MM-41-W001	5	0	25	HSDEL	12		RE 2X
10/25/12	1737 e09424.d	27	460-46284-B-5	DA-MM-41-W101	5	0	25	HSDEL	12		RE 2X

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/10-22-12/25oct12.b

Date Generated: 10/26/2012

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/25/12	1801e09425.d	28	CCV		5	0	1	HSDEL			
10/25/12	1824e09426.d	29	CCV		5	0	1	HSDEL			G (du.) G

Signed: *A. Sympson*

Read and Understood by:

Stephen Henry

Date: 10/25/12

Date: 10-26-12

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-46192-1

SDG No.: _____

Project: 17338-TO4-2012, RACER, GM Wilmington

Client Sample ID

WG-17338-101812-MW29-MM-250

WG-17338-101812-MW28-MM-260

WG-17338-101812-MW35-MM-261

WG-17338-101812-MW27-MM-262

Lab Sample ID

460-46192-1

460-46192-2

460-46192-3

460-46192-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 10:45

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	5.0	40.0	5.0	ug/L	U		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	34.7	30.0	5.8	ug/L			1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	6.0	10.0	4.5	ug/L	J		1	6010B
7440-23-5	Sodium	238000	5000	821	ug/L			1	6010B
7440-09-7	Potassium	2280	5000	525	ug/L	J		1	6010B
7440-39-3	Barium	903	200	5.9	ug/L			1	6010B
7440-70-2	Calcium	98500	5000	305	ug/L			1	6010B
7439-89-6	Iron	76000	150	73.6	ug/L			1	6010B
7440-62-2	Vanadium	8.8	50.0	4.0	ug/L	J		1	6010B
7439-95-4	Magnesium	125000	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	2890	200	72.1	ug/L			1	6010B
7439-96-5	Manganese	3140	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-101812-MW29-MM-250

Lab Sample ID: 460-46192-1

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 10:45

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	5.0	40.0	5.0	ug/L	U		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7782-49-2	Selenium	13.1	10.0	5.8	ug/L			1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	257000	25000	4100	ug/L			5	6010B
7440-09-7	Potassium	2200	5000	525	ug/L	J		1	6010B
7440-39-3	Barium	606	200	5.9	ug/L			1	6010B
7440-70-2	Calcium	104000	5000	305	ug/L			1	6010B
7439-89-6	Iron	36600	150	73.6	ug/L			1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	131000	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	72.1	200	72.1	ug/L	U		1	6010B
7439-96-5	Manganese	3270	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 12:00

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	6.3	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	6.4	5.0	3.7	ug/L			1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	35.7	30.0	5.8	ug/L			1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	197000	5000	821	ug/L			1	6010B
7440-09-7	Potassium	5050	5000	525	ug/L			1	6010B
7440-39-3	Barium	474	200	5.9	ug/L			1	6010B
7440-70-2	Calcium	29200	5000	305	ug/L			1	6010B
7439-89-6	Iron	37100	150	73.6	ug/L			1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	56100	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	558	200	72.1	ug/L			1	6010B
7439-96-5	Manganese	5930	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	53.4	50.0	4.3	ug/L			1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-101812-MW28-MM-260

Lab Sample ID: 460-46192-2

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 12:00

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	6.4	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	22.6	30.0	5.8	ug/L	J		1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	206000	5000	821	ug/L			1	6010B
7440-09-7	Potassium	5240	5000	525	ug/L			1	6010B
7440-39-3	Barium	433	200	5.9	ug/L			1	6010B
7440-70-2	Calcium	30400	5000	305	ug/L			1	6010B
7439-89-6	Iron	13100	150	73.6	ug/L			1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	58100	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	72.1	200	72.1	ug/L	U		1	6010B
7439-96-5	Manganese	6020	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	54.9	50.0	4.3	ug/L			1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 13:50

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	19.7	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	95500	5000	821	ug/L			1	6010B
7440-09-7	Potassium	5050	5000	525	ug/L			1	6010B
7440-39-3	Barium	286	200	5.9	ug/L			1	6010B
7440-70-2	Calcium	45700	5000	305	ug/L			1	6010B
7439-89-6	Iron	337	150	73.6	ug/L			1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	23100	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	321	200	72.1	ug/L			1	6010B
7439-96-5	Manganese	101	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-101812-MW35-MM-261

Lab Sample ID: 460-46192-3

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 13:50

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	20.9	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7782-49-2	Selenium	6.6	10.0	5.8	ug/L	J		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	101000	5000	821	ug/L			1	6010B
7440-09-7	Potassium	5330	5000	525	ug/L			1	6010B
7440-39-3	Barium	301	200	5.9	ug/L			1	6010B
7440-70-2	Calcium	48200	5000	305	ug/L			1	6010B
7439-89-6	Iron	73.6	150	73.6	ug/L	U		1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	23800	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	72.1	200	72.1	ug/L	U		1	6010B
7439-96-5	Manganese	105	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 15:10

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	26.0	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	44.8	30.0	5.8	ug/L			1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	85400	5000	821	ug/L			1	6010B
7440-09-7	Potassium	4800	5000	525	ug/L	J		1	6010B
7440-39-3	Barium	107	200	5.9	ug/L	J		1	6010B
7440-70-2	Calcium	41300	5000	305	ug/L			1	6010B
7439-89-6	Iron	262	150	73.6	ug/L			1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	27600	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	621	200	72.1	ug/L			1	6010B
7439-96-5	Manganese	1360	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	22.4	50.0	4.3	ug/L	J		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: WG-17338-101812-MW27-MM-262

Lab Sample ID: 460-46192-4

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG ID.:

Matrix: Water

Date Sampled: 10/18/2012 15:10

Reporting Basis: WET

Date Received: 10/19/2012 18:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-02-0	Nickel	26.8	40.0	5.0	ug/L	J		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	45.4	30.0	5.8	ug/L			1	6010B
7782-49-2	Selenium	6.6	10.0	5.8	ug/L	J		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-23-5	Sodium	89400	5000	821	ug/L			1	6010B
7440-09-7	Potassium	4970	5000	525	ug/L	J		1	6010B
7440-39-3	Barium	108	200	5.9	ug/L	J		1	6010B
7440-70-2	Calcium	43000	5000	305	ug/L			1	6010B
7439-89-6	Iron	73.6	150	73.6	ug/L	U		1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	28100	5000	321	ug/L			1	6010B
7429-90-5	Aluminum	72.1	200	72.1	ug/L	U		1	6010B
7439-96-5	Manganese	1400	15.0	4.3	ug/L			1	6010B
7440-48-4	Cobalt	23.6	50.0	4.3	ug/L	J		1	6010B
7439-97-6	Mercury	0.53	0.20	0.16	ug/L			1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00061 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00061

Analyte	ICV 460-133489/7 10/24/2012 17:14				CCV 460-133489/19 10/24/2012 17:59				CCV 460-133489/31 10/24/2012 18:44			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123200		125000	99	120800		125000	97	121000		125000	97
Antimony	984.9		1000	98	973.7		1000	97	986.5		1000	99
Arsenic	2464		2500	99	2431		2500	97	2453		2500	98
Barium	10110		10000	101	9966		10000	100	9990		10000	100
Beryllium	995.0		1000	100	974.7		1000	97	971.3		1000	97
Cadmium	1261		1250	101	1241		1250	99	1241		1250	99
Calcium	128800		125000	103	126200		125000	101	126600		125000	101
Chromium	5052		5000	101	4957		5000	99	4912		5000	98
Cobalt	2516		2500	101	2479		2500	99	2485		2500	99
Copper	12360		12500	99	12120		12500	97	12160		12500	97
Iron	100900		100000	101	98660		100000	99	97750		100000	98
Lead	7639		7500	102	7513		7500	100	7508		7500	100
Magnesium	125400		125000	100	122700		125000	98	121200		125000	97
Manganese	5101		5000	102	5002		5000	100	4964		5000	99
Nickel	2532		2500	101	2494		2500	100	2495		2500	100
Potassium	49480		50000	99	48840		50000	98	49020		50000	98
Selenium	2452		2500	98	2422		2500	97	2438		2500	98
Silver	1225		1250	98	1209		1250	97	1213		1250	97
Sodium	124900		125000	100	123100		125000	98	123500		125000	99
Thallium	2538		2500	102	2504		2500	100	2512		2500	100
Vanadium	2492		2500	100	2455		2500	98	2447		2500	98
Zinc	2508		2500	100	2462		2500	98	2431		2500	97

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 Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00061 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00061

Analyte	CCV 460-133489/43 10/24/2012 19:29				CCV 460-133489/55 10/24/2012 20:13							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	121200		125000	97	121200		125000	97				
Antimony	1002		1000	100	1012		1000	101				
Arsenic	2467		2500	99	2477		2500	99				
Barium	10010		10000	100	10090		10000	101				
Beryllium	964.3		1000	96	964.4		1000	96				
Cadmium	1237		1250	99	1249		1250	100				
Calcium	126900		125000	102	127100		125000	102				
Chromium	4848		5000	97	4896		5000	98				
Cobalt	2487		2500	99	2503		2500	100				
Copper	12150		12500	97	12170		12500	97				
Iron	96640		100000	97	97270		100000	97				
Lead	7500		7500	100	7565		7500	101				
Magnesium	119500		125000	96	120500		125000	96				
Manganese	4914		5000	98	4952		5000	99				
Nickel	2498		2500	100	2514		2500	101				
Potassium	49260		50000	99	49530		50000	99				
Selenium	2471		2500	99	2490		2500	100				
Silver	1210		1250	97	1222		1250	98				
Sodium	124400		125000	100	124900		125000	100				
Thallium	2517		2500	101	2538		2500	102				
Vanadium	2431		2500	97	2455		2500	98				
Zinc	2396		2500	96	2422		2500	97				

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 Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00061 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00061

Analyte	ICV 460-133561/7 10/25/2012 09:19				CCV 460-133561/43 10/25/2012 11:37				CCV 460-133561/55 10/25/2012 12:23			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Sodium	125500		125000	100	123000		125000	98	123700		125000	99
<i>Aluminum</i>	124000		125000	99	120700		125000	97	121300		125000	97
<i>Antimony</i>	992.9		1000	99	970.8		1000	97	976.4		1000	98
<i>Arsenic</i>	2478		2500	99	2422		2500	97	2437		2500	97
<i>Barium</i>	10110		10000	101	9957		10000	100	9993		10000	100
<i>Beryllium</i>	997.0		1000	100	959.7		1000	96	961.8		1000	96
<i>Cadmium</i>	1262		1250	101	1249		1250	100	1247		1250	100
<i>Calcium</i>	129300		125000	103	126500		125000	101	126800		125000	101
<i>Chromium</i>	5014		5000	100	4948		5000	99	4959		5000	99
<i>Cobalt</i>	2521		2500	101	2482		2500	99	2488		2500	100
<i>Copper</i>	12440		12500	100	12040		12500	96	12060		12500	96
<i>Iron</i>	101100		100000	101	99290		100000	99	99300		100000	99
<i>Lead</i>	7645		7500	102	7548		7500	101	7544		7500	101
<i>Magnesium</i>	125000		125000	100	123000		125000	98	123100		125000	98
<i>Manganese</i>	5096		5000	102	5022		5000	100	5026		5000	101
<i>Nickel</i>	2525		2500	101	2466		2500	99	2489		2500	100
<i>Potassium</i>	49610		50000	99	49430		50000	99	49710		50000	99
<i>Selenium</i>	2462		2500	98	2422		2500	97	2435		2500	97
<i>Silver</i>	1222		1250	98	1209		1250	97	1209		1250	97
<i>Thallium</i>	2541		2500	102	2524		2500	101	2516		2500	101
<i>Vanadium</i>	2490		2500	100	2465		2500	99	2472		2500	99
<i>Zinc</i>	2496		2500	100	2454		2500	98	2446		2500	98

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00666 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00666

Analyte	ICV 460-133263/7-A 10/23/2012 19:48				CCV 460-133263/8-A 10/23/2012 20:13				CCV 460-133263/8-A 10/23/2012 20:36			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.98		5.00	100	4.97		5.00	99	4.95		5.00	99

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00666 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00666

Analyte	CCV 460-133263/8-A 10/23/2012 20:54											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.97		5.00	99								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00667 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00667

Analyte	ICV 460-133445/7-A 10/24/2012 20:23				CCV 460-133445/8-A 10/24/2012 20:46				CCV 460-133445/8-A 10/24/2012 21:09			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.12		5.00	102	5.14		5.00	103	5.10		5.00	102

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00667 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00667

Analyte	CCV 460-133445/8-A 10/24/2012 21:29											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.14		5.00	103								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00669 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00669

Analyte	ICV 460-133766/7-A 10/26/2012 20:02				CCV 460-133766/8-A 10/26/2012 20:25				CCV 460-133766/8-A 10/26/2012 20:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.13		5.00	103	5.13		5.00	103	5.15		5.00	103

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00669 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00669

Analyte	CCV 460-133766/8-A 10/26/2012 21:08											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.14		5.00	103								

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

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Concentration Units: ug/L

Analyte	RL	ICB 460-133489/8 10/24/2012 17:18		CCB 460-133489/20 10/24/2012 18:02		CCB 460-133489/32 10/24/2012 18:48		CCB 460-133489/44 10/24/2012 19:33	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-133489/56 10/24/2012 20:17							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U						
Antimony	10.0	7.4	U						
Arsenic	5.0	3.7	U						
Barium	200	5.9	U						
Beryllium	2.0	0.78	U						
Cadmium	5.0	0.82	U						
Calcium	5000	305	U						
Chromium	10.0	4.5	U						
Cobalt	50.0	4.3	U						
Copper	25.0	7.8	U						
Iron	150	73.6	U						
Lead	5.0	4.0	U						
Magnesium	5000	321	U						
Manganese	15.0	4.3	U						
Nickel	40.0	5.0	U						
Potassium	5000	525	U						
Selenium	10.0	5.8	U						
Silver	10.0	1.3	U						
Sodium	5000	821	U						
Thallium	10.0	5.2	U						
Vanadium	50.0	4.0	U						
Zinc	30.0	5.8	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-133561/8 10/25/2012 09:23		CCB 460-133561/44 10/25/2012 11:41		CCB 460-133561/56 10/25/2012 12:26			
		Found	C	Found	C	Found	C	Found	C
Sodium	5000	821	U	821	U	821	U		
<i>Aluminum</i>	200	72.1	U	72.1	U	72.1	U		
<i>Antimony</i>	10.0	7.4	U	7.4	U	7.4	U		
<i>Arsenic</i>	5.0	3.7	U	3.7	U	3.7	U		
<i>Barium</i>	200	5.9	U	5.9	U	5.9	U		
<i>Beryllium</i>	2.0	0.78	U	0.78	U	0.78	U		
<i>Cadmium</i>	5.0	0.82	U	0.82	U	0.82	U		
<i>Calcium</i>	5000	305	U	305	U	305	U		
<i>Chromium</i>	10.0	4.5	U	4.5	U	4.5	U		
<i>Cobalt</i>	50.0	4.3	U	4.3	U	4.3	U		
<i>Copper</i>	25.0	7.8	U	7.8	U	7.8	U		
<i>Iron</i>	150	73.6	U	73.6	U	73.6	U		
<i>Lead</i>	5.0	4.0	U	4.0	U	4.0	U		
<i>Magnesium</i>	5000	321	U	321	U	321	U		
<i>Manganese</i>	15.0	4.3	U	4.3	U	4.3	U		
<i>Nickel</i>	40.0	5.0	U	5.0	U	5.0	U		
<i>Potassium</i>	5000	525	U	525	U	525	U		
<i>Selenium</i>	10.0	5.8	U	5.8	U	5.8	U		
<i>Silver</i>	10.0	1.3	U	1.3	U	1.3	U		
<i>Thallium</i>	10.0	5.2	U	5.2	U	5.2	U		
<i>Vanadium</i>	50.0	4.0	U	4.0	U	4.0	U		
<i>Zinc</i>	30.0	5.8	U	5.8	U	5.8	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-133302/8 10/23/2012 19:50		CCB 460-133263/9-A 10/23/2012 20:15		CCB 460-133263/9-A 10/23/2012 20:40		CCB 460-133263/9-A 10/23/2012 20:56	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-133468/8 10/24/2012 20:25		CCB 460-133445/9-A 10/24/2012 20:48		CCB 460-133445/9-A 10/24/2012 21:11		CCB 460-133445/9-A 10/24/2012 21:31	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-133790/8 10/26/2012 20:05		CCB 460-133766/9-A 10/26/2012 20:27		CCB 460-133766/9-A 10/26/2012 20:53		CCB 460-133766/9-A 10/26/2012 21:10	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.16	U	0.16	U	0.16	U	0.16	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-133330/1-A
 Instrument Code: ICP5 Batch No.: 133489

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.82	U		6010B
7440-36-0	Antimony	7.4	U		6010B
7440-41-7	Beryllium	0.78	U		6010B
7440-28-0	Thallium	5.2	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7440-22-4	Silver	1.3	U		6010B
7440-38-2	Arsenic	3.7	U		6010B
7440-50-8	Copper	7.8	U		6010B
7439-92-1	Lead	4.0	U		6010B
7440-66-6	Zinc	5.8	U		6010B
7782-49-2	Selenium	5.8	U		6010B
7440-47-3	Chromium	4.5	U		6010B
7440-23-5	Sodium	821	U		6010B
7440-09-7	Potassium	525	U		6010B
7440-39-3	Barium	5.9	U		6010B
7440-70-2	Calcium	305	U		6010B
7439-89-6	Iron	73.6	U		6010B
7440-62-2	Vanadium	4.0	U		6010B
7439-95-4	Magnesium	321	U		6010B
7429-90-5	Aluminum	72.1	U		6010B
7439-96-5	Manganese	4.3	U		6010B
7440-48-4	Cobalt	4.3	U		6010B

3-IN
METHOD BLANK
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-133340/1-B
 Instrument Code: ICP5 Batch No.: 133489

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.82	U		6010B
7440-36-0	Antimony	7.4	U		6010B
7440-41-7	Beryllium	0.78	U		6010B
7440-28-0	Thallium	5.2	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7440-22-4	Silver	1.3	U		6010B
7440-38-2	Arsenic	3.7	U		6010B
7440-50-8	Copper	7.8	U		6010B
7439-92-1	Lead	4.0	U		6010B
7440-66-6	Zinc	5.8	U		6010B
7782-49-2	Selenium	5.8	U		6010B
7440-47-3	Chromium	4.5	U		6010B
7440-23-5	Sodium	821	U		6010B
7440-09-7	Potassium	525	U		6010B
7440-39-3	Barium	5.9	U		6010B
7440-70-2	Calcium	305	U		6010B
7439-89-6	Iron	73.6	U		6010B
7440-62-2	Vanadium	4.0	U		6010B
7439-95-4	Magnesium	321	U		6010B
7429-90-5	Aluminum	72.1	U		6010B
7439-96-5	Manganese	4.3	U		6010B
7440-48-4	Cobalt	4.3	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-133263/11-A
Instrument Code: LEEMAN5 Batch No.: 133302

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-133445/11-A
Instrument Code: LEEMAN5 Batch No.: 133468

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

3-IN
METHOD BLANK
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-133760/1-B
Instrument Code: LEEMAN5 Batch No.: 133790

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-133489/9 Instrument ID: ICP5
 Lab File ID: 10242012A.asc ICS Source: ME_ICSA_Duo_00039
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	493200	99
Antimony		0.0290	
Arsenic		-3.96	
Barium		-1.60	
Beryllium		0.0640	
Cadmium		0.515	
Calcium	500000	433100	87
Chromium		1.69	
Cobalt		-0.307	
Copper		-6.49	
Iron	200000	192200	96
Lead		-1.63	
Magnesium	500000	490700	98
Manganese		1.84	
Nickel		-1.76	
Potassium		78.0	
Selenium		-0.320	
Silver		-1.51	
Sodium		45.4	
Thallium		-5.61	
Vanadium		-2.36	
Zinc		-0.0497	
<i>Boron</i>		<i>1.38</i>	
<i>Molybdenum</i>		<i>-1.42</i>	
<i>Strontium</i>		<i>0.109</i>	
<i>Tin</i>		<i>-1.45</i>	
<i>Titanium</i>		<i>-0.128</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-133489/10 Instrument ID: ICP5
 Lab File ID: 10242012A.asc ICS Source: ME_ICSAB_DUO_00040
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	495900	99
Antimony	100	90.6	91
Arsenic	100	90.3	90
Barium	100	96.8	97
Beryllium	100	96.2	96
Cadmium	100	94.5	95
Calcium	500000	426900	85
Chromium	100	99.0	99
Cobalt	100	93.6	94
Copper	100	91.8	92
Iron	200000	194500	97
Lead	100	93.5	94
Magnesium	500000	498200	100
Manganese	100	102	102
Nickel	100	91.5	91
Potassium	10000	10210	102
Selenium	100	94.7	95
Silver	100	101	101
Sodium	10000	10410	104
Thallium	100	94.7	95
Vanadium	100	94.0	94
Zinc	100	92.8	93
<i>Boron</i>	<i>100</i>	<i>93.7</i>	<i>94</i>
<i>Molybdenum</i>	<i>100</i>	<i>93.3</i>	<i>93</i>
<i>Strontium</i>	<i>100</i>	<i>99.3</i>	<i>99</i>
<i>Tin</i>	<i>100</i>	<i>89.3</i>	<i>89</i>
<i>Titanium</i>	<i>100</i>	<i>95.2</i>	<i>95</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-133561/9 Instrument ID: ICP5
 Lab File ID: 10252012.asc ICS Source: ME_ICSA_Duo_00039
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Sodium		0.104	
<i>Aluminum</i>	<i>500000</i>	<i>504200</i>	<i>101</i>
<i>Antimony</i>		<i>-3.21</i>	
<i>Arsenic</i>		<i>-9.35</i>	
<i>Barium</i>		<i>-2.36</i>	
<i>Beryllium</i>		<i>0.0208</i>	
<i>Boron</i>		<i>-1.40</i>	
<i>Cadmium</i>		<i>2.67</i>	
<i>Calcium</i>	<i>500000</i>	<i>456700</i>	<i>91</i>
<i>Chromium</i>		<i>2.71</i>	
<i>Cobalt</i>		<i>-0.185</i>	
<i>Copper</i>		<i>-2.69</i>	
<i>Iron</i>	<i>200000</i>	<i>194800</i>	<i>97</i>
<i>Lead</i>		<i>2.95</i>	
<i>Magnesium</i>	<i>500000</i>	<i>494200</i>	<i>99</i>
<i>Manganese</i>		<i>1.71</i>	
<i>Molybdenum</i>		<i>-1.29</i>	
<i>Nickel</i>		<i>-1.44</i>	
<i>Potassium</i>		<i>70.2</i>	
<i>Selenium</i>		<i>-6.89</i>	
<i>Silver</i>		<i>-1.27</i>	
<i>Strontium</i>		<i>-0.111</i>	
<i>Thallium</i>		<i>0.0051</i>	
<i>Tin</i>		<i>-1.83</i>	
<i>Titanium</i>		<i>-0.0535</i>	
<i>Vanadium</i>		<i>-4.97</i>	
<i>Zinc</i>		<i>-0.618</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-133561/10 Instrument ID: ICP5
 Lab File ID: 10252012.asc ICS Source: ME_ICSAB_DUO_00040
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Sodium	10000	10440	104
<i>Aluminum</i>	<i>500000</i>	<i>508200</i>	<i>102</i>
<i>Antimony</i>	<i>100</i>	<i>94.4</i>	<i>94</i>
<i>Arsenic</i>	<i>100</i>	<i>88.6</i>	<i>89</i>
<i>Barium</i>	<i>100</i>	<i>97.7</i>	<i>98</i>
<i>Beryllium</i>	<i>100</i>	<i>98.3</i>	<i>98</i>
<i>Boron</i>	<i>100</i>	<i>92.5</i>	<i>93</i>
<i>Cadmium</i>	<i>100</i>	<i>98.5</i>	<i>98</i>
<i>Calcium</i>	<i>500000</i>	<i>450400</i>	<i>90</i>
<i>Chromium</i>	<i>100</i>	<i>99.9</i>	<i>100</i>
<i>Cobalt</i>	<i>100</i>	<i>95.0</i>	<i>95</i>
<i>Copper</i>	<i>100</i>	<i>92.4</i>	<i>92</i>
<i>Iron</i>	<i>200000</i>	<i>196800</i>	<i>98</i>
<i>Lead</i>	<i>100</i>	<i>96.4</i>	<i>96</i>
<i>Magnesium</i>	<i>500000</i>	<i>500600</i>	<i>100</i>
<i>Manganese</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Molybdenum</i>	<i>100</i>	<i>94.2</i>	<i>94</i>
<i>Nickel</i>	<i>100</i>	<i>92.5</i>	<i>92</i>
<i>Potassium</i>	<i>10000</i>	<i>10360</i>	<i>104</i>
<i>Selenium</i>	<i>100</i>	<i>96.8</i>	<i>97</i>
<i>Silver</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Strontium</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Thallium</i>	<i>100</i>	<i>97.7</i>	<i>98</i>
<i>Tin</i>	<i>100</i>	<i>89.7</i>	<i>90</i>
<i>Titanium</i>	<i>100</i>	<i>97.7</i>	<i>98</i>
<i>Vanadium</i>	<i>100</i>	<i>93.3</i>	<i>93</i>
<i>Zinc</i>	<i>100</i>	<i>92.9</i>	<i>93</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: WG-17338-101812-MW27-MM-262 MS

Lab ID: 460-46192-4 MS

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	51.29	0.82 U	50.0	103	75-125		6010B
Antimony	474.4	7.4 U	500	95	75-125		6010B
Beryllium	50.32	0.78 U	50.0	101	75-125		6010B
Thallium	2089	5.2 U	2000	104	75-125		6010B
Nickel	533.7	26.0 J	500	102	75-125		6010B
Silver	47.63	1.3 U	50.0	95	75-125		6010B
Arsenic	1959	3.7 U	2000	98	75-125		6010B
Copper	244.9	7.8 U	250	98	75-125		6010B
Lead	509.3	4.0 U	500	102	75-125		6010B
Zinc	544.8	44.8	500	100	75-125		6010B
Selenium	1916	5.8 U	2000	96	75-125		6010B
Chromium	203.7	4.5 U	200	102	75-125		6010B
Sodium	105200	85400	20000	99	75-125	4	6010B
Potassium	24450	4800 J	20000	98	75-125		6010B
Barium	2181	107 J	2000	104	75-125		6010B
Calcium	62270	41300	20000	105	75-125		6010B
Iron	1283	262	1000	102	75-125		6010B
Vanadium	500.2	4.0 U	500	100	75-125		6010B
Magnesium	47660	27600	20000	101	75-125		6010B
Aluminum	2865	621	2000	112	75-125		6010B
Manganese	1867	1360	500	102	75-125		6010B
Cobalt	524.2	22.4 J	500	100	75-125		6010B
Mercury	1.03	0.16 U	1.00	103	75-125		7470A

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: WG-17338-101812-MW27-MM-262 MS

Lab ID: 460-46192-4 MS

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	52.36	0.82 U	50.0	105	75-125		6010B
Antimony	499.2	7.4 U	500	100	75-125		6010B
Beryllium	50.64	0.78 U	50.0	101	75-125		6010B
Thallium	2162	5.2 U	2000	108	75-125		6010B
Nickel	546.0	26.8 J	500	104	75-125		6010B
Silver	48.30	1.3 U	50.0	97	75-125		6010B
Arsenic	2023	3.7 U	2000	101	75-125		6010B
Copper	249.3	7.8 U	250	100	75-125		6010B
Lead	518.6	4.0 U	500	104	75-125		6010B
Zinc	544.7	45.4	500	100	75-125		6010B
Selenium	2007	6.6 J	2000	100	75-125		6010B
Chromium	203.2	4.5 U	200	102	75-125		6010B
Sodium	113700	89400	20000	122	75-125	4	6010B
Potassium	25470	4970 J	20000	103	75-125		6010B
Barium	2242	108 J	2000	107	75-125		6010B
Calcium	66460	43000	20000	117	75-125		6010B
Iron	1039	73.6 U	1000	104	75-125		6010B
Vanadium	507.1	4.0 U	500	101	75-125		6010B
Magnesium	49300	28100	20000	106	75-125		6010B
Aluminum	1995	72.1 U	2000	100	75-125		6010B
Manganese	1969	1400	500	113	75-125		6010B
Cobalt	540.8	23.6 J	500	103	75-125		6010B
Mercury	1.49	0.53	1.00	96	75-125		7470A

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: _____ Lab ID: 460-46246-I-1-F MS
Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
Matrix: Water Concentration Units: ug/L
% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	1.97	0.16 U	2.00	99	75-125		7470A

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: WG-17338-101812-MW27-MM-262 PDS

Lab ID: 460-46192-4 PDS

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	48.27	0.82 U	50.0	97	75-125		6010B
Antimony	446.4	7.4 U	500	89	75-125		6010B
Beryllium	47.60	0.78 U	50.0	95	75-125		6010B
Thallium	1983	5.2 U	2000	99	75-125		6010B
Nickel	504.4	26.0 J	500	96	75-125		6010B
Silver	44.33	1.3 U	50.0	89	75-125		6010B
Arsenic	1850	3.7 U	2000	93	75-125		6010B
Copper	229.6	7.8 U	250	92	75-125		6010B
Lead	477.8	4.0 U	500	96	75-125		6010B
Zinc	513.3	44.8	500	94	75-125		6010B
Selenium	1806	5.8 U	2000	90	75-125		6010B
Chromium	190.3	4.5 U	200	95	75-125		6010B
Sodium	102100	85400	20000	84	75-125		6010B
Potassium	23240	4800 J	20000	92	75-125		6010B
Barium	2061	107 J	2000	98	75-125		6010B
Calcium	60260	41300	20000	95	75-125		6010B
Iron	1215	262	1000	95	75-125		6010B
Vanadium	470.3	4.0 U	500	94	75-125		6010B
Magnesium	45590	27600	20000	90	75-125		6010B
Aluminum	2458	621	2000	92	75-125		6010B
Manganese	1797	1360	500	88	75-125		6010B
Cobalt	495.3	22.4 J	500	95	75-125		6010B

SSR = Spiked Sample Result

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

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

Client ID: WG-17338-101812-MW27-MM-262 PDS

Lab ID: 460-46192-4 PDS

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	48.76	0.82 U	50.0	98	75-125		6010B
Antimony	460.7	7.4 U	500	92	75-125		6010B
Beryllium	46.97	0.78 U	50.0	94	75-125		6010B
Thallium	2033	5.2 U	2000	102	75-125		6010B
Nickel	508.8	26.8 J	500	96	75-125		6010B
Silver	45.22	1.3 U	50.0	90	75-125		6010B
Arsenic	1885	3.7 U	2000	94	75-125		6010B
Copper	230.7	7.8 U	250	92	75-125		6010B
Lead	485.5	4.0 U	500	97	75-125		6010B
Zinc	510.8	45.4	500	93	75-125		6010B
Selenium	1875	6.6 J	2000	93	75-125		6010B
Chromium	190.1	4.5 U	200	95	75-125		6010B
Sodium	106700	89400	20000	87	75-125		6010B
Potassium	23780	4970 J	20000	94	75-125		6010B
Barium	2095	108 J	2000	99	75-125		6010B
Calcium	62160	43000	20000	96	75-125		6010B
Iron	968.7	73.6 U	1000	97	75-125		6010B
Vanadium	473.6	4.0 U	500	95	75-125		6010B
Magnesium	46270	28100	20000	91	75-125		6010B
Aluminum	1862	72.1 U	2000	93	75-125		6010B
Manganese	1852	1400	500	90	75-125		6010B
Cobalt	503.7	23.6 J	500	96	75-125		6010B

SSR = Spiked Sample Result

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

6-IN
DUPLICATES
METALS

Client ID: WG-17338-101812-MW27-MM-262 DU

Lab ID: 460-46192-4 DU

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Water

Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Cadmium	5.0	0.82 U	0.82 U	NC		6010B
Antimony	10.0	7.4 U	7.4 U	NC		6010B
Beryllium	2.0	0.78 U	0.78 U	NC		6010B
Thallium	10.0	5.2 U	5.2 U	NC		6010B
Nickel	40.0	26.0 J	25.84 J	0.4		6010B
Silver	10.0	1.3 U	1.3 U	NC		6010B
Arsenic	5.0	3.7 U	3.7 U	NC		6010B
Copper	25.0	7.8 U	7.8 U	NC		6010B
Lead	5.0	4.0 U	4.0 U	NC		6010B
Zinc	30.0	44.8	45.15	0.8		6010B
Selenium	10.0	5.8 U	5.8 U	NC		6010B
Chromium	10.0	4.5 U	4.5 U	NC		6010B
Sodium	5000	85400	86180	0.9		6010B
Potassium	5000	4800 J	4821 J	0.4		6010B
Barium	200	107 J	107.5 J	0.7		6010B
Calcium	5000	41300	41720	1		6010B
Iron	150	262	254.5	3		6010B
Vanadium	50.0	4.0 U	4.0 U	NC		6010B
Magnesium	5000	27600	28030	2		6010B
Aluminum	200	621	624.7	0.7		6010B
Manganese	15.0	1360	1376	1		6010B
Cobalt	50.0	22.4 J	23.26 J	4		6010B
Mercury	0.20	0.16 U	0.16 U	NC		7470A

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

6-IN
 DUPLICATES
 METALS - DISSOLVED

Client ID: WG-17338-101812-MW27-MM-262 DU

Lab ID: 460-46192-4 DU

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Water

Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Cadmium	5.0	0.82 U	0.82 U	NC		6010B
Antimony	10.0	7.4 U	7.4 U	NC		6010B
Beryllium	2.0	0.78 U	0.78 U	NC		6010B
Thallium	10.0	5.2 U	5.2 U	NC		6010B
Nickel	40.0	26.8 J	25.69 J	4		6010B
Silver	10.0	1.3 U	1.3 U	NC		6010B
Arsenic	5.0	3.7 U	3.7 U	NC		6010B
Copper	25.0	7.8 U	7.8 U	NC		6010B
Lead	5.0	4.0 U	4.0 U	NC		6010B
Zinc	30.0	45.4	45.63	0.4		6010B
Selenium	10.0	6.6 J	10.63	47		6010B
Chromium	10.0	4.5 U	4.5 U	NC		6010B
Sodium	5000	89400	91250	2		6010B
Potassium	5000	4970 J	5081	2		6010B
Barium	200	108 J	110.0 J	2		6010B
Calcium	5000	43000	43750	2		6010B
Iron	150	73.6 U	73.6 U	NC		6010B
Vanadium	50.0	4.0 U	4.0 U	NC		6010B
Magnesium	5000	28100	28640	2		6010B
Aluminum	200	72.1 U	72.1 U	NC		6010B
Manganese	15.0	1400	1430	2		6010B
Cobalt	50.0	23.6 J	23.83 J	0.8		6010B
Mercury	0.20	0.53	0.532	0		7470A

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-46246-I-1-E DU
Lab Name: TestAmerica Edison Job No.: 460-46192-1
SDG No.: _____
% Solids for Sample: _____ % Solids for Duplicate: _____
Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.20	0.16 U	0.16 U	NC		7470A

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-133330/2-A

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00033

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	50.0	50.83		102	80	120		6010B
Antimony	500	461.0		92	80	120		6010B
Beryllium	50.0	49.41		99	80	120		6010B
Thallium	2000	2163		108	80	120		6010B
Nickel	500	517.0		103	80	120		6010B
Silver	50.0	45.95		92	80	120		6010B
Arsenic	2000	1894		95	80	120		6010B
Copper	250	241.6		97	80	120		6010B
Lead	500	515.2		103	80	120		6010B
Zinc	500	498.7		100	80	120		6010B
Selenium	2000	1863		93	80	120		6010B
Chromium	200	201.2		101	80	120		6010B
Sodium	20000	20050		100	80	120		6010B
Potassium	20000	19390		97	80	120		6010B
Barium	2000	2071		104	80	120		6010B
Calcium	20000	21120		106	80	120		6010B
Iron	1000	1024		102	80	120		6010B
Vanadium	500	492.5		99	80	120		6010B
Magnesium	20000	19810		99	80	120		6010B
Aluminum	2000	1926		96	80	120		6010B
Manganese	500	519.6		104	80	120		6010B
Cobalt	500	506.2		101	80	120		6010B

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 460-133365/2-A

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00033

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	50.0	51.79		104	80	120		6010B
Antimony	500	482.6		97	80	120		6010B
Beryllium	50.0	49.96		100	80	120		6010B
Thallium	2000	2233		112	80	120		6010B
Nickel	500	526.8		105	80	120		6010B
Silver	50.0	46.73		93	80	120		6010B
Arsenic	2000	1953		98	80	120		6010B
Copper	250	245.7		98	80	120		6010B
Lead	500	527.5		106	80	120		6010B
Zinc	500	498.2		100	80	120		6010B
Selenium	2000	1940		97	80	120		6010B
Chromium	200	202.6		101	80	120		6010B
Sodium	20000	20760		104	80	120		6010B
Potassium	20000	19950		100	80	120		6010B
Barium	2000	2132		107	80	120		6010B
Calcium	20000	21650		108	80	120		6010B
Iron	1000	1017		102	80	120		6010B
Vanadium	500	501.4		100	80	120		6010B
Magnesium	20000	19810		99	80	120		6010B
Aluminum	2000	1963		98	80	120		6010B
Manganese	500	523.8		105	80	120		6010B
Cobalt	500	520.2		104	80	120		6010B

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 460-133263/12-A

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00949

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	2.00	2.01		101	80	120		7470A

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 460-133445/12-A

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00950

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.07		107	80	120		7470A

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 460-133766/12-A

Lab Name: TestAmerica Edison

Job No.: 460-46192-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00952

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.997		100	80	120		7470A

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

FORM VIIA - IN

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

Lab ID: 460-46192-4

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-46192-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Cadmium	0.82	U	4.1	U	NC		6010B
Antimony	7.4	U	36.8	U	NC		6010B
Beryllium	0.78	U	3.9	U	NC		6010B
Thallium	5.2	U	26.2	U	NC		6010B
Nickel	26.0	J	28.12	J	NC		6010B
Silver	1.3	U	6.7	U	NC		6010B
Arsenic	3.7	U	18.6	U	NC		6010B
Copper	7.8	U	39.2	U	NC		6010B
Lead	4.0	U	20.1	U	NC		6010B
Zinc	44.8		46.75	J	NC		6010B
Selenium	5.8	U	28.8	U	NC		6010B
Chromium	4.5	U	22.3	U	NC		6010B
Sodium	85400		84800		0.69		6010B
Potassium	4800	J	4798	J	NC		6010B
Barium	107	J	106.4	J	NC		6010B
Calcium	41300		41030		0.56		6010B
Iron	262		368	U	NC		6010B
Vanadium	4.0	U	20.2	U	NC		6010B
Magnesium	27600		27590		0.09		6010B
Aluminum	621		621.0	J	NC		6010B
Manganese	1360		1377		1.5		6010B
Cobalt	22.4	J	22.70	J	NC		6010B

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

FORM VIII-IN

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

Lab ID: 460-46192-4

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-46192-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.82	U	4.1	U	NC		6010B
Antimony	7.4	U	36.8	U	NC		6010B
Beryllium	0.78	U	3.9	U	NC		6010B
Thallium	5.2	U	26.2	U	NC		6010B
Nickel	26.8	J	25.89	J	NC		6010B
Silver	1.3	U	6.7	U	NC		6010B
Arsenic	3.7	U	18.6	U	NC		6010B
Copper	7.8	U	39.2	U	NC		6010B
Lead	4.0	U	20.1	U	NC		6010B
Zinc	45.4		47.06	J	NC		6010B
Selenium	6.6	J	28.8	U	NC		6010B
Chromium	4.5	U	22.3	U	NC		6010B
Sodium	89400		89400		0.01		6010B
Potassium	4970	J	5020	J	NC		6010B
Barium	108	J	107.5	J	NC		6010B
Calcium	43000		42700		0.67		6010B
Iron	73.6	U	368	U	NC		6010B
Vanadium	4.0	U	20.2	U	NC		6010B
Magnesium	28100		28320		0.78		6010B
Aluminum	72.1	U	361	U	NC		6010B
Manganese	1400		1435		2.3		6010B
Cobalt	23.6	J	23.51	J	NC		6010B

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

FORM VIII-IN

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

Lab ID: 460-46192-4

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-46192-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Result (S)	C			
Mercury	0.16	U	0.80	U	NC		7470A

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

FORM VIII-IN

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

Lab ID: 460-46192-4

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-46192-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Mercury	0.53		0.80	U	NC		7470A

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

FORM VIII-IN

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

Lab ID: 460-46246-I-1-D SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-46192-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Dilution	Result (S)			
Mercury	0.16	U		0.80	U	NC	7470A

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-46192-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP5
 Method: 6010B MDL Date: 11/14/2011 12:49
 Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-46192-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010B XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-46192-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP5
 Method: 6010B MDL Date: 11/14/2011 12:49
 Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-46192-1
SDG Number: _____
Matrix: Water Instrument ID: ICP5
Method: 6010B XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-46192-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN5
Method: 7470A MDL Date: 11/14/2011 12:40
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-46192-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN5
Method: 7470A XMDL Date: 11/14/2011 12:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-46192-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN5
Method: 7470A MDL Date: 11/14/2011 12:40
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-46192-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN5
Method: 7470A XMDL Date: 11/14/2011 12:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-133330/1-A	10/24/2012 07:59	133330		100	100
LCS 460-133330/2-A	10/24/2012 07:59	133330		100	100
460-46192-4	10/24/2012 07:59	133330		100	100
460-46192-4 DU	10/24/2012 07:59	133330		100	100
460-46192-4 MS	10/24/2012 07:59	133330		100	100
460-46192-1	10/24/2012 07:59	133330		100	100
460-46192-2	10/24/2012 07:59	133330		100	100
460-46192-3	10/24/2012 07:59	133330		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-133340/1-B	10/24/2012 09:57	133365		100	100
LCS 460-133365/2-A	10/24/2012 09:57	133365		100	100
460-46192-4	10/24/2012 09:57	133365		100	100
460-46192-4 DU	10/24/2012 09:57	133365		100	100
460-46192-4 MS	10/24/2012 09:57	133365		100	100
460-46192-1	10/24/2012 09:57	133365		100	100
460-46192-2	10/24/2012 09:57	133365		100	100
460-46192-3	10/24/2012 09:57	133365		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-133263/11-A	10/23/2012 16:50	133263		30	30
LCS 460-133263/12-A	10/23/2012 16:50	133263		30	30
460-46246-I-1-E DU	10/23/2012 16:50	133263		30	30
460-46246-I-1-F MS	10/23/2012 16:50	133263		30	30
460-46192-1	10/23/2012 16:50	133263		30	30
460-46192-2	10/23/2012 16:50	133263		30	30
460-46192-3	10/23/2012 16:50	133263		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-133445/11-A	10/24/2012 17:00	133445		30	30
LCS 460-133445/12-A	10/24/2012 17:00	133445		30	30
460-46192-4	10/24/2012 17:00	133445		30	30
460-46192-4 DU	10/24/2012 17:00	133445		30	30
460-46192-4 MS	10/24/2012 17:00	133445		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-133760/1-B	10/26/2012 17:17	133766		30	30
LCS 460-133766/12-A	10/26/2012 17:17	133766		30	30
460-46192-4	10/26/2012 17:17	133766		30	30
460-46192-4 DU	10/26/2012 17:17	133766		30	30
460-46192-4 MS	10/26/2012 17:17	133766		30	30
460-46192-1	10/26/2012 17:17	133766		30	30
460-46192-2	10/26/2012 17:17	133766		30	30
460-46192-3	10/26/2012 17:17	133766		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/24/2012 16:52 End Date: 10/24/2012 20:44

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			16:52																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
ZZZZZZ			17:03																				
ZZZZZZ			17:07																				
ZZZZZZ			17:10																				
ICV 460-133489/7	1		17:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-133489/8	1		17:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-133489/9	1		17:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-133489/10	1		17:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			17:29																				
460-46192-4 DU	1	T	17:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-4	1	T	17:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-4 SD	5	T	17:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-4 MS	1	T	17:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-4 PDS	1	T	17:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-1	1	T	17:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCS 460-133330/2-A	1	T	17:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-133489/19	1		17:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-133489/20	1		18:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-133330/1-A	1	T	18:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-2	1	T	18:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-46192-3	1	T	18:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:17																				
ZZZZZZ			18:21																				
ZZZZZZ			18:25																				
ZZZZZZ			18:29																				
ZZZZZZ			18:33																				
ZZZZZZ			18:37																				
ZZZZZZ			18:40																				
CCV 460-133489/31	1		18:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-133489/32	1		18:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:51																				
ZZZZZZ			18:55																				
ZZZZZZ			18:59																				
ZZZZZZ			19:03																				
ZZZZZZ			19:06																				
ZZZZZZ			19:10																				
ZZZZZZ			19:14																				
ZZZZZZ			19:18																				
ZZZZZZ			19:22																				
ZZZZZZ			19:25																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/24/2012 16:52 End Date: 10/24/2012 20:44

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
CCV 460-133489/43	1		19:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-133489/44	1		19:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-133340/1-B	1	D	19:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-133365/2-A	1	T	19:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-4 DU	1	D	19:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-4	1	D	19:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-4 SD	5	D	19:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-4 MS	1	D	19:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-4 PDS	1	D	19:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-1	1	D	20:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
460-46192-2	1	D	20:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-46192-3	1	D	20:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-133489/55	1		20:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-133489/56	1		20:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:21																				
ZZZZZZ			20:25																				
ZZZZZZ			20:28																				
ZZZZZZ			20:33																				
ZZZZZZ			20:36																				
CCV 460-133489/62			20:40																				
CCB 460-133489/63			20:44																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/24/2012 16:52 End Date: 10/24/2012 20:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			16:52																		
ZZZZZZ			16:56																		
ZZZZZZ			17:00																		
ZZZZZZ			17:03																		
ZZZZZZ			17:07																		
ZZZZZZ			17:10																		
ICV 460-133489/7	1		17:14	X	X																
ICB 460-133489/8	1		17:18	X	X																
ICSA 460-133489/9	1		17:21	X	X																
ICSAB 460-133489/10	1		17:25	X	X																
ZZZZZZ			17:29																		
460-46192-4 DU	1	T	17:33	X	X																
460-46192-4	1	T	17:37	X	X																
460-46192-4 SD	5	T	17:40	X	X																
460-46192-4 MS	1	T	17:44	X	X																
460-46192-4 PDS	1	T	17:48	X	X																
460-46192-1	1	T	17:51	X	X																
LCS 460-133330/2-A	1	T	17:55	X	X																
CCV 460-133489/19	1		17:59	X	X																
CCB 460-133489/20	1		18:02	X	X																
MB 460-133330/1-A	1	T	18:06	X	X																
460-46192-2	1	T	18:10	X	X																
460-46192-3	1	T	18:14	X	X																
ZZZZZZ			18:17																		
ZZZZZZ			18:21																		
ZZZZZZ			18:25																		
ZZZZZZ			18:29																		
ZZZZZZ			18:33																		
ZZZZZZ			18:37																		
ZZZZZZ			18:40																		
CCV 460-133489/31	1		18:44	X	X																
CCB 460-133489/32	1		18:48	X	X																
ZZZZZZ			18:51																		
ZZZZZZ			18:55																		
ZZZZZZ			18:59																		
ZZZZZZ			19:03																		
ZZZZZZ			19:06																		
ZZZZZZ			19:10																		
ZZZZZZ			19:14																		
ZZZZZZ			19:18																		
ZZZZZZ			19:22																		
ZZZZZZ			19:25																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/24/2012 16:52 End Date: 10/24/2012 20:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCV 460-133489/43	1		19:29	X	X																
CCB 460-133489/44	1		19:33	X	X																
MB 460-133340/1-B	1	D	19:36	X	X																
LCS 460-133365/2-A	1	T	19:40	X	X																
460-46192-4 DU	1	D	19:44	X	X																
460-46192-4	1	D	19:47	X	X																
460-46192-4 SD	5	D	19:51	X	X																
460-46192-4 MS	1	D	19:55	X	X																
460-46192-4 PDS	1	D	19:58	X	X																
460-46192-1	1	D	20:02	X	X																
460-46192-2	1	D	20:06	X	X																
460-46192-3	1	D	20:10	X	X																
CCV 460-133489/55	1		20:13	X	X																
CCB 460-133489/56	1		20:17	X	X																
ZZZZZZ			20:21																		
ZZZZZZ			20:25																		
ZZZZZZ			20:28																		
ZZZZZZ			20:33																		
ZZZZZZ			20:36																		
CCV 460-133489/62			20:40																		
CCB 460-133489/63			20:44																		

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/25/2012 08:57 End Date: 10/25/2012 18:54

Lab Sample ID	D / F	T y p e	Time	Analytes															
				N a															
ZZZZZZ			08:57																
ZZZZZZ			09:00																
ZZZZZZ			09:04																
ZZZZZZ			09:08																
ZZZZZZ			09:12																
ZZZZZZ			09:15																
ICV 460-133561/7	1		09:19	X															
ICB 460-133561/8	1		09:23	X															
ICSA 460-133561/9	1		09:26	X															
ICSAB 460-133561/10	1		09:30	X															
ZZZZZZ			09:34																
ZZZZZZ			09:38																
ZZZZZZ			09:42																
ZZZZZZ			09:46																
ZZZZZZ			09:50																
ZZZZZZ			09:53																
ZZZZZZ			09:57																
ZZZZZZ			10:01																
CCV 460-133561/19			10:04																
CCB 460-133561/20			10:08																
ZZZZZZ			10:12																
ZZZZZZ			10:15																
ZZZZZZ			10:19																
ZZZZZZ			10:23																
ZZZZZZ			10:27																
ZZZZZZ			10:31																
ZZZZZZ			10:34																
ZZZZZZ			10:38																
ZZZZZZ			10:42																
ZZZZZZ			10:46																
CCV 460-133561/31			10:49																
CCB 460-133561/32			10:53																
ZZZZZZ			10:57																
ZZZZZZ			11:01																
ZZZZZZ			11:04																
ZZZZZZ			11:08																
ZZZZZZ			11:12																
ZZZZZZ			11:16																
ZZZZZZ			11:20																
ZZZZZZ			11:23																
ZZZZZZ			11:27																
ZZZZZZ			11:31																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/25/2012 08:57 End Date: 10/25/2012 18:54

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				N a																	
CCV 460-133561/43	1		11:37	X																	
CCB 460-133561/44	1		11:41	X																	
ZZZZZZ			11:45																		
460-46192-1	5	D	11:49	X																	
ZZZZZZ			11:52																		
ZZZZZZ			11:56																		
ZZZZZZ			12:00																		
ZZZZZZ			12:04																		
ZZZZZZ			12:07																		
ZZZZZZ			12:11																		
ZZZZZZ			12:15																		
ZZZZZZ			12:19																		
CCV 460-133561/55	1		12:23	X																	
CCB 460-133561/56	1		12:26	X																	
ZZZZZZ			12:30																		
ZZZZZZ			12:34																		
ZZZZZZ			12:37																		
ZZZZZZ			12:41																		
ZZZZZZ			12:45																		
ZZZZZZ			12:48																		
ZZZZZZ			12:52																		
ZZZZZZ			12:56																		
ZZZZZZ			12:59																		
ZZZZZZ			13:03																		
CCV 460-133561/67			13:07																		
CCB 460-133561/68			13:11																		
ZZZZZZ			13:14																		
ZZZZZZ			13:18																		
ZZZZZZ			13:22																		
ZZZZZZ			13:25																		
ZZZZZZ			13:29																		
ZZZZZZ			13:33																		
ZZZZZZ			13:36																		
ZZZZZZ			13:40																		
ZZZZZZ			13:43																		
ZZZZZZ			13:47																		
CCV 460-133561/79			13:51																		
CCB 460-133561/80			13:54																		
ZZZZZZ			13:58																		
ZZZZZZ			14:02																		
ZZZZZZ			14:05																		
ZZZZZZ			14:09																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/25/2012 08:57 End Date: 10/25/2012 18:54

Lab Sample ID	D / F	T y p e	Time	Analytes															
				N a															
ZZZZZZ			14:13																
ZZZZZZ			14:16																
ZZZZZZ			14:20																
ZZZZZZ			14:24																
ZZZZZZ			14:27																
ZZZZZZ			14:31																
CCV 460-133561/91			14:35																
CCB 460-133561/92			14:38																
ZZZZZZ			14:42																
ZZZZZZ			14:46																
ZZZZZZ			14:50																
ZZZZZZ			14:53																
ZZZZZZ			14:57																
ZZZZZZ			15:01																
ZZZZZZ			15:05																
ZZZZZZ			15:08																
ZZZZZZ			15:12																
ZZZZZZ			15:16																
CCV 460-133561/103			15:20																
CCB 460-133561/104			15:23																
ZZZZZZ			15:27																
CCV 460-133561/106			15:31																
CCB 460-133561/107			15:35																
ZZZZZZ			15:48																
ZZZZZZ			15:52																
ZZZZZZ			15:55																
ZZZZZZ			15:59																
ZZZZZZ			16:03																
ZZZZZZ			16:06																
ZZZZZZ			16:10																
ZZZZZZ			16:14																
ZZZZZZ			16:17																
ZZZZZZ			16:21																
CCV 460-133561/118			16:24																
CCB 460-133561/119			16:28																
ZZZZZZ			16:32																
ZZZZZZ			16:36																
ZZZZZZ			16:39																
ZZZZZZ			16:43																
ZZZZZZ			16:47																
ZZZZZZ			16:50																
ZZZZZZ			16:54																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 10/25/2012 08:57 End Date: 10/25/2012 18:54

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				N a																	
ZZZZZZ			16:58																		
ZZZZZZ			17:02																		
ZZZZZZ			17:05																		
CCV 460-133561/130			17:09																		
CCB 460-133561/131			17:12																		
ZZZZZZ			17:16																		
ZZZZZZ			17:20																		
ZZZZZZ			17:24																		
ZZZZZZ			17:28																		
ZZZZZZ			17:31																		
ZZZZZZ			17:35																		
ZZZZZZ			17:39																		
ZZZZZZ			17:43																		
ZZZZZZ			17:47																		
ZZZZZZ			17:51																		
CCV 460-133561/142			17:55																		
CCB 460-133561/143			17:58																		
ZZZZZZ			18:02																		
ZZZZZZ			18:06																		
ZZZZZZ			18:09																		
ZZZZZZ			18:13																		
ZZZZZZ			18:17																		
ZZZZZZ			18:21																		
ZZZZZZ			18:25																		
ZZZZZZ			18:29																		
ZZZZZZ			18:32																		
ZZZZZZ			18:36																		
CCV 460-133561/154			18:40																		
CCB 460-133561/155			18:43																		
ZZZZZZ			18:47																		
CCV 460-133561/157			18:51																		
CCB 460-133561/158			18:54																		

Prep Types

D = Dissolved

R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/23/2012 19:35 End Date: 10/23/2012 22:27

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-133263/1-A			19:35	X															
IC 460-133263/2-A			19:37	X															
IC 460-133263/3-A			19:39	X															
IC 460-133263/4-A			19:41	X															
IC 460-133263/5-A			19:44	X															
IC 460-133263/6-A			19:45	X															
ICV 460-133263/7-A	1		19:48	X															
ICB 460-133302/8	1		19:50	X															
ZZZZZZ			19:52																
MB 460-133263/11-A	1	T	19:54	X															
LCS 460-133263/12-A	1	T	19:56	X															
ZZZZZZ			19:59																
460-46246-I-1-E DU	1	T	20:01	X															
460-46246-I-1-F MS	1	T	20:03	X															
ZZZZZZ			20:05																
ZZZZZZ			20:08																
ZZZZZZ			20:09																
ZZZZZZ			20:11																
CCV 460-133263/8-A	1		20:13	X															
CCB 460-133263/9-A	1		20:15	X															
ZZZZZZ			20:17																
ZZZZZZ			20:19																
ZZZZZZ			20:21																
ZZZZZZ			20:22																
ZZZZZZ			20:24																
ZZZZZZ			20:26																
ZZZZZZ			20:28																
ZZZZZZ			20:30																
ZZZZZZ			20:33																
460-46192-1	1	T	20:35	X															
CCV 460-133263/8-A	1		20:36	X															
CCB 460-133263/9-A	1		20:40	X															
460-46192-2	1	T	20:42	X															
460-46192-3	1	T	20:44	X															
ZZZZZZ			20:46																
ZZZZZZ			20:48																
ZZZZZZ			20:50																
460-46246-I-1-D SD ^5	5	T	20:52	X															
CCV 460-133263/8-A	1		20:54	X															
CCB 460-133263/9-A	1		20:56	X															
ZZZZZZ			20:58																
ZZZZZZ			21:00																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/23/2012 19:35 End Date: 10/23/2012 22:27

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			21:02																
ZZZZZZ			21:04																
ZZZZZZ			21:06																
ZZZZZZ			21:09																
ZZZZZZ			21:11																
ZZZZZZ			21:13																
CCV 460-133263/8-A			21:15																
CCB 460-133263/9-A			21:17																
ZZZZZZ			21:18																
ZZZZZZ			21:20																
ZZZZZZ			21:22																
ZZZZZZ			21:24																
ZZZZZZ			21:26																
ZZZZZZ			21:28																
ZZZZZZ			21:30																
ZZZZZZ			21:33																
CCV 460-133263/8-A			21:34																
CCB 460-133263/9-A			21:37																
ZZZZZZ			21:39																
ZZZZZZ			21:41																
ZZZZZZ			21:43																
ZZZZZZ			21:44																
ZZZZZZ			21:46																
ZZZZZZ			21:48																
ZZZZZZ			21:50																
CCV 460-133263/8-A			21:52																
CCB 460-133263/9-A			21:54																
ZZZZZZ			21:56																
ZZZZZZ			21:59																
ZZZZZZ			22:01																
ZZZZZZ			22:03																
ZZZZZZ			22:05																
ZZZZZZ			22:07																
CCV 460-133263/8-A			22:09																
CCB 460-133263/9-A			22:11																
ZZZZZZ			22:14																
ZZZZZZ			22:15																
ZZZZZZ			22:17																
ZZZZZZ			22:20																
ZZZZZZ			22:22																
ZZZZZZ			22:24																
CCV 460-133263/8-A			22:25																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/23/2012 19:35 End Date: 10/23/2012 22:27

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
CCB 460-133263/9-A			22:27																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/24/2012 20:12 End Date: 10/24/2012 22:29

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-133445/1-A			20:12	X															
IC 460-133445/2-A			20:14	X															
IC 460-133445/3-A			20:16	X															
IC 460-133445/4-A			20:17	X															
IC 460-133445/5-A			20:19	X															
IC 460-133445/6-A			20:21	X															
ICV 460-133445/7-A	1		20:23	X															
ICB 460-133468/8	1		20:25	X															
ZZZZZZ			20:27																
MB 460-133445/11-A	1	T	20:28	X															
LCS 460-133445/12-A	1	T	20:30	X															
460-46192-4	1	T	20:32	X															
460-46192-4 DU	1	T	20:34	X															
460-46192-4 MS	1	T	20:36	X															
ZZZZZZ			20:38																
ZZZZZZ			20:41																
ZZZZZZ			20:43																
ZZZZZZ			20:45																
CCV 460-133445/8-A	1		20:46	X															
CCB 460-133445/9-A	1		20:48	X															
ZZZZZZ			20:50																
ZZZZZZ			20:52																
ZZZZZZ			20:54																
ZZZZZZ			20:55																
ZZZZZZ			20:57																
ZZZZZZ			20:59																
ZZZZZZ			21:01																
ZZZZZZ			21:03																
ZZZZZZ			21:05																
ZZZZZZ			21:07																
CCV 460-133445/8-A	1		21:09	X															
CCB 460-133445/9-A	1		21:11	X															
ZZZZZZ			21:12																
ZZZZZZ			21:14																
ZZZZZZ			21:16																
ZZZZZZ			21:19																
ZZZZZZ			21:21																
ZZZZZZ			21:22																
ZZZZZZ			21:24																
460-46192-4 SD	5	T	21:26	X															
CCV 460-133445/8-A	1		21:29	X															
CCB 460-133445/9-A	1		21:31	X															

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/24/2012 20:12 End Date: 10/24/2012 22:29

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			21:33																
ZZZZZZ			21:36																
ZZZZZZ			21:38																
ZZZZZZ			21:39																
ZZZZZZ			21:41																
ZZZZZZ			21:43																
ZZZZZZ			21:45																
ZZZZZZ			21:47																
CCV 460-133445/8-A			21:49																
CCB 460-133445/9-A			21:51																
ZZZZZZ			21:53																
ZZZZZZ			21:55																
ZZZZZZ			21:57																
ZZZZZZ			21:59																
ZZZZZZ			22:01																
ZZZZZZ			22:03																
ZZZZZZ			22:05																
ZZZZZZ			22:07																
CCV 460-133445/8-A			22:09																
CCB 460-133445/9-A			22:11																
ZZZZZZ			22:13																
ZZZZZZ			22:15																
ZZZZZZ			22:16																
ZZZZZZ			22:18																
ZZZZZZ			22:20																
ZZZZZZ			22:23																
ZZZZZZ			22:24																
CCV 460-133445/8-A			22:26																
CCB 460-133445/9-A			22:29																

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 10/26/2012 19:51 End Date: 10/26/2012 22:11

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-133766/1-A			19:51	X															
IC 460-133766/2-A			19:53	X															
IC 460-133766/3-A			19:55	X															
IC 460-133766/4-A			19:57	X															
IC 460-133766/5-A			19:59	X															
IC 460-133766/6-A			20:01	X															
ICV 460-133766/7-A	1		20:02	X															
ICB 460-133790/8	1		20:05	X															
ZZZZZZ			20:06																
MB 460-133760/1-B	1	D	20:08	X															
LCS 460-133766/12-A	1	T	20:10	X															
460-46192-4	1	D	20:12	X															
460-46192-4 DU	1	D	20:14	X															
ZZZZZZ			20:16																
460-46192-4 MS	1	D	20:18	X															
460-46192-1	1	D	20:20	X															
460-46192-2	1	D	20:21	X															
460-46192-3	1	D	20:23	X															
CCV 460-133766/8-A	1		20:25	X															
CCB 460-133766/9-A	1		20:27	X															
ZZZZZZ			20:29																
ZZZZZZ			20:31																
ZZZZZZ			20:34																
ZZZZZZ			20:36																
ZZZZZZ			20:39																
ZZZZZZ			20:40																
ZZZZZZ			20:42																
ZZZZZZ			20:44																
ZZZZZZ			20:46																
ZZZZZZ			20:48																
CCV 460-133766/8-A	1		20:50	X															
CCB 460-133766/9-A	1		20:53	X															
ZZZZZZ			20:55																
ZZZZZZ			20:56																
ZZZZZZ			20:59																
ZZZZZZ			21:01																
ZZZZZZ			21:03																
ZZZZZZ			21:05																
460-46192-4 SD	5	D	21:07	X															
CCV 460-133766/8-A	1		21:08	X															
CCB 460-133766/9-A	1		21:10	X															
ZZZZZZ			21:12																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

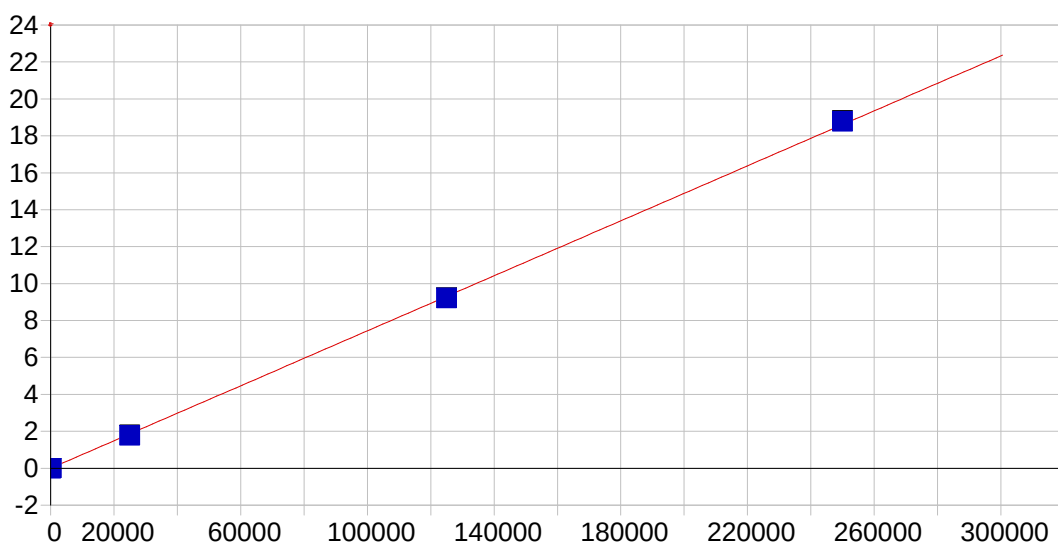
Start Date: 10/26/2012 19:51 End Date: 10/26/2012 22:11

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			21:16																
ZZZZZZ			21:18																
ZZZZZZ			21:20																
ZZZZZZ			21:21																
ZZZZZZ			21:24																
ZZZZZZ			21:26																
ZZZZZZ			21:28																
CCV 460-133766/8-A			21:30																
CCB 460-133766/9-A			21:31																
ZZZZZZ			21:33																
ZZZZZZ			21:36																
ZZZZZZ			21:37																
ZZZZZZ			21:40																
ZZZZZZ			21:41																
ZZZZZZ			21:43																
ZZZZZZ			21:45																
ZZZZZZ			21:47																
CCV 460-133766/8-A			21:49																
CCB 460-133766/9-A			21:50																
ZZZZZZ			21:52																
ZZZZZZ			21:55																
ZZZZZZ			21:57																
ZZZZZZ			22:00																
ZZZZZZ			22:01																
ZZZZZZ			22:03																
ZZZZZZ			22:06																
ZZZZZZ			22:08																
CCV 460-133766/8-A			22:09																
CCB 460-133766/9-A			22:11																

Prep Types

D = Dissolved

T = Total/NA

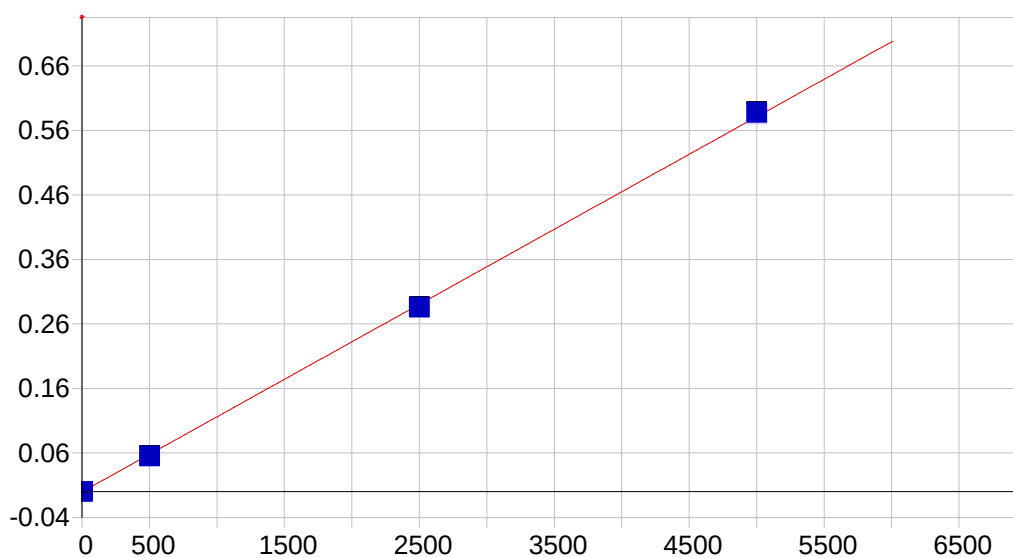


AI 396.152 { 85}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

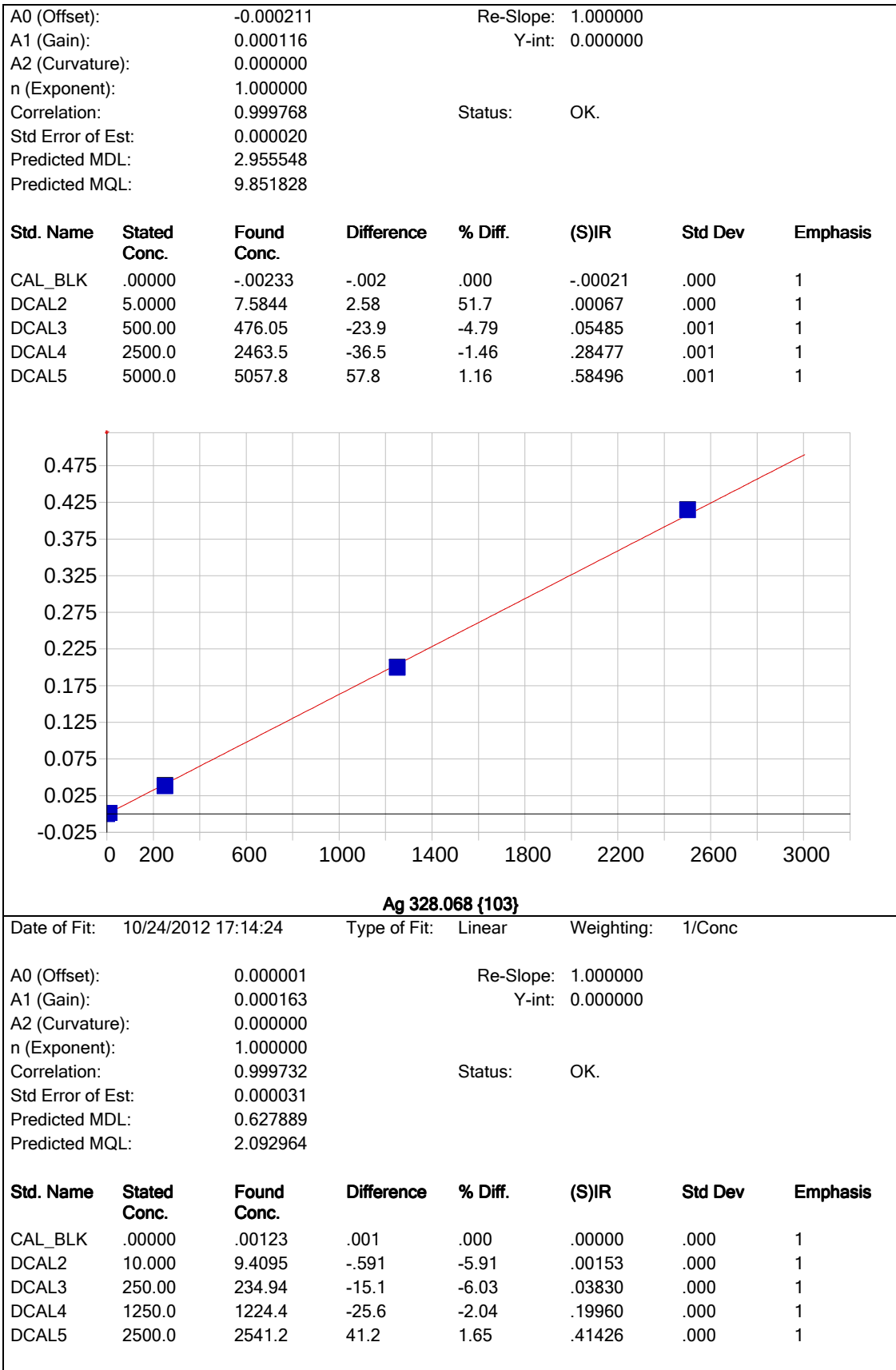
A0 (Offset): -0.001151 Re-Slope: 1.000000
 A1 (Gain): 0.000074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000368
 Predicted MDL: 7.943511
 Predicted MQL: 26.478371

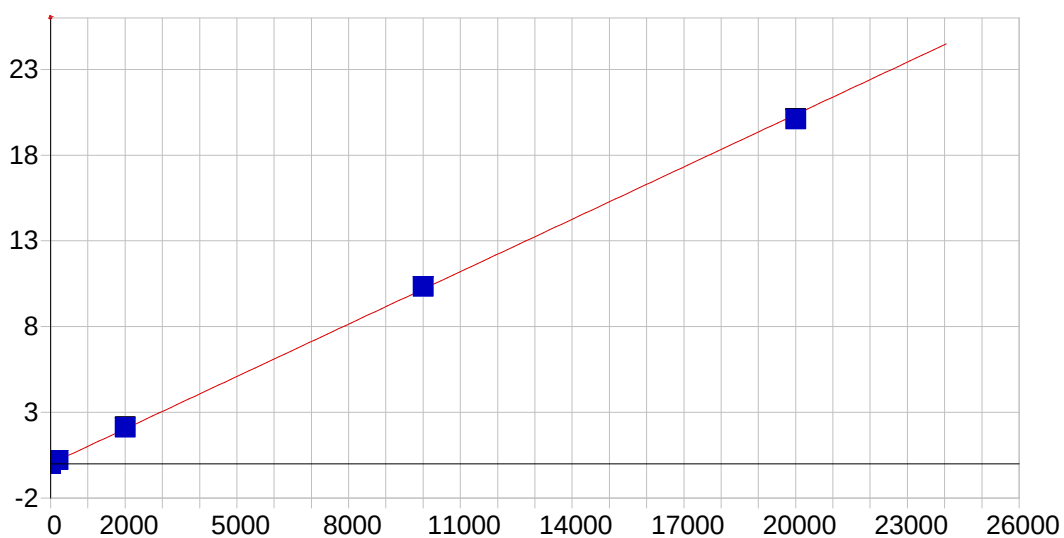
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01141	.011	.000	-.00115	.001	1
DCAL2	200.00	196.94	-3.06	-1.53	.01353	.001	1
DCAL3	25000.	23972.	-1030.	-4.11	1.7847	.003	1
DCAL4	125000.	123810.	-1190.	-.950	9.2222	.014	1
DCAL5	250000.	252220.	2220.	.887	18.787	.023	1



As 189.042 {478}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc



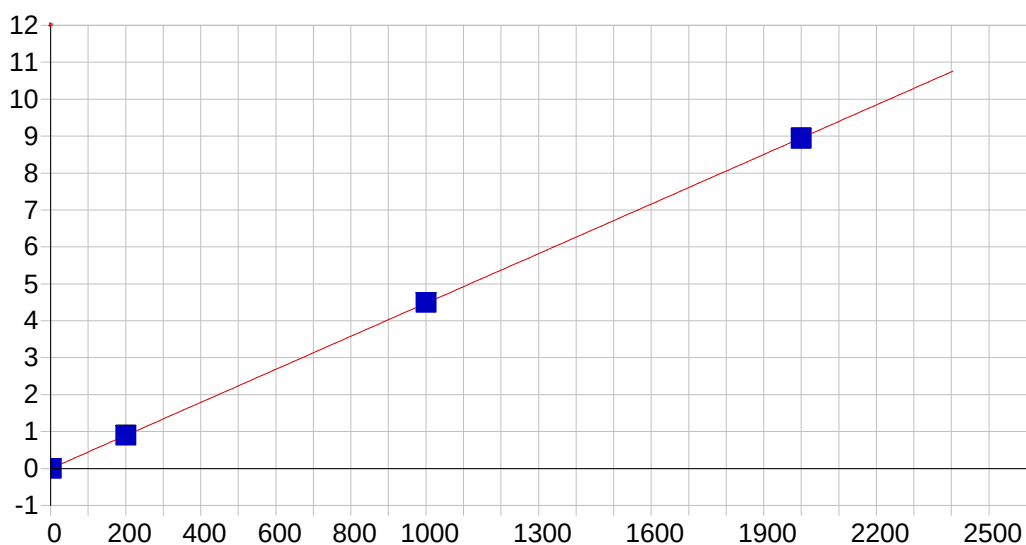


Ba 233.527 {445}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.001018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.001930
 Predicted MDL: 0.333992
 Predicted MQL: 1.113306

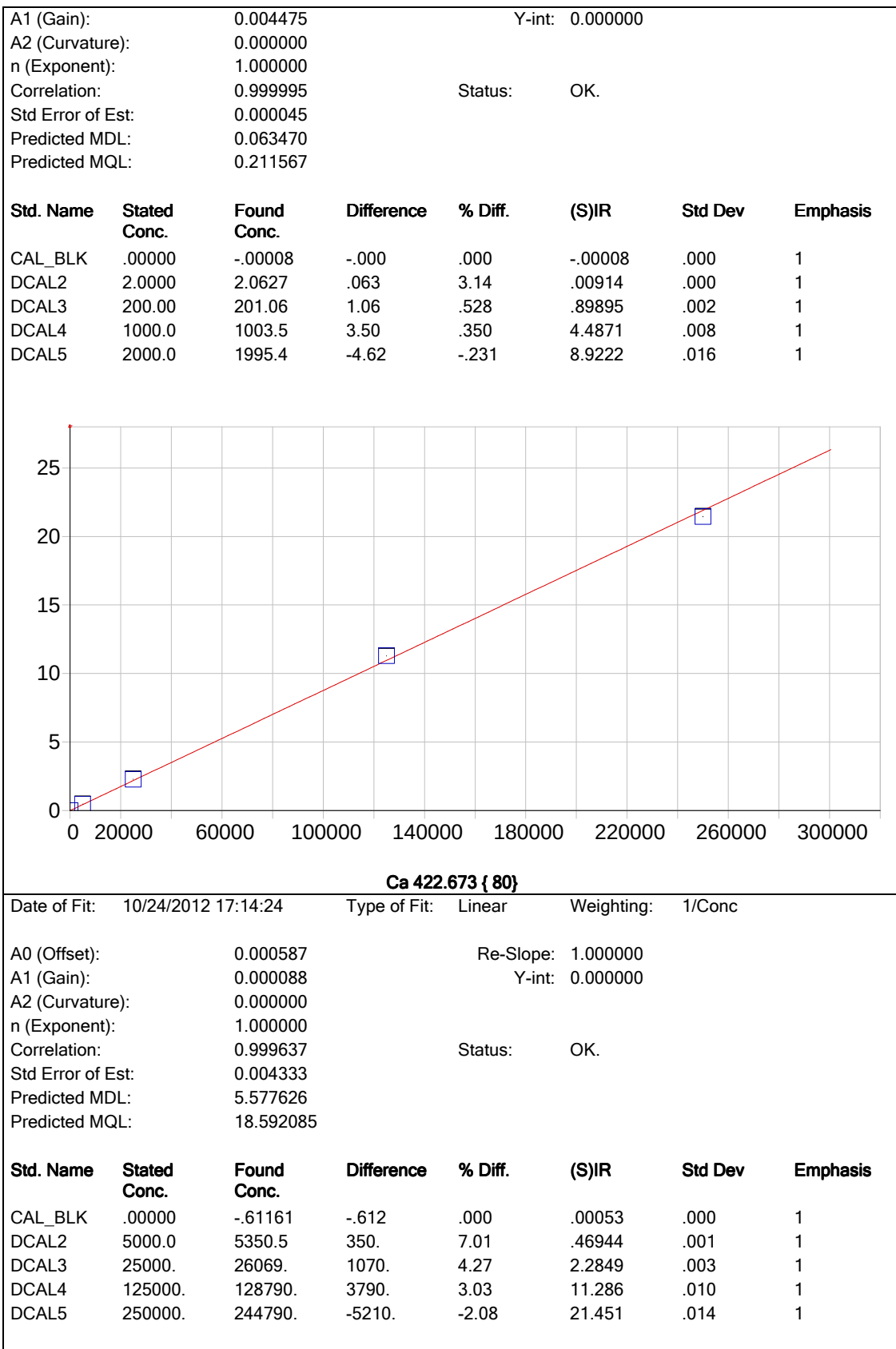
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02303	-.023	.000	-.00011	.000	1
DCAL2	200.00	213.09	13.1	6.55	.21687	.000	1
DCAL3	2000.0	2095.7	95.7	4.78	2.1322	.003	1
DCAL4	10000.	10145.	145.	1.45	10.322	.011	1
DCAL5	20000.	19746.	-254.	-1.27	20.089	.031	1

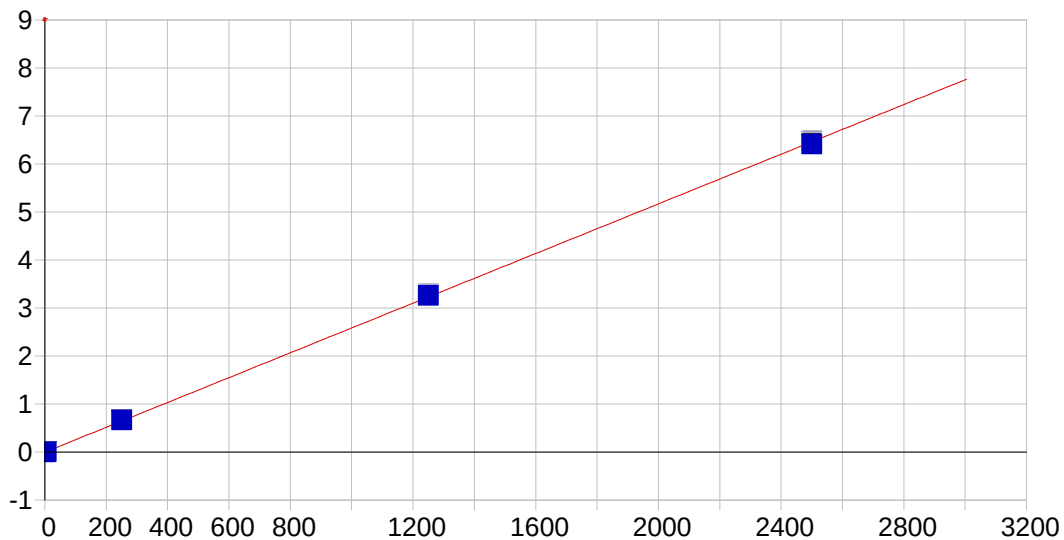


Be 313.042 {108}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000



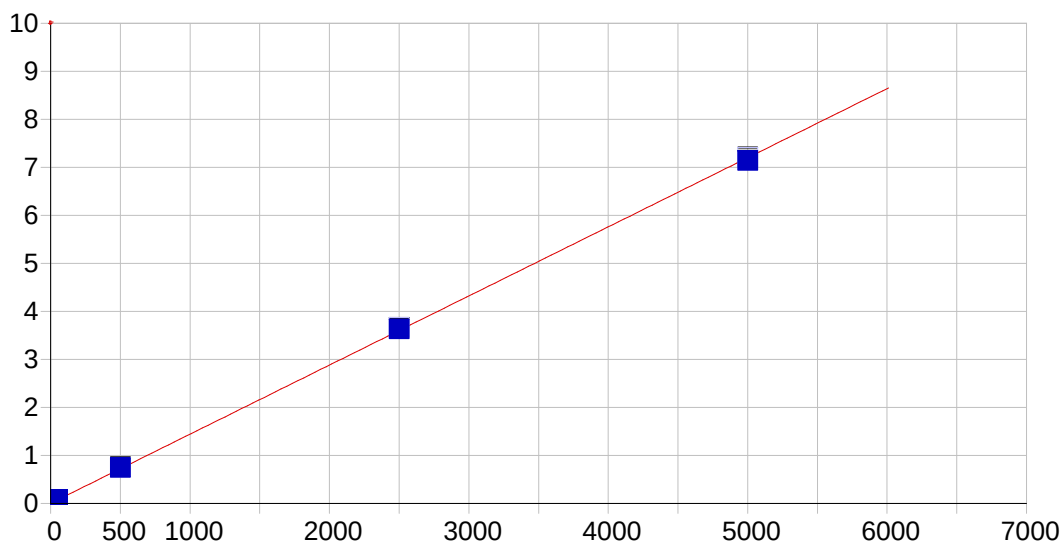


Cd 226.502 {449}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001336 Re-Slope: 1.000000
 A1 (Gain): 0.002585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.188105
 Predicted MQL: 0.627018

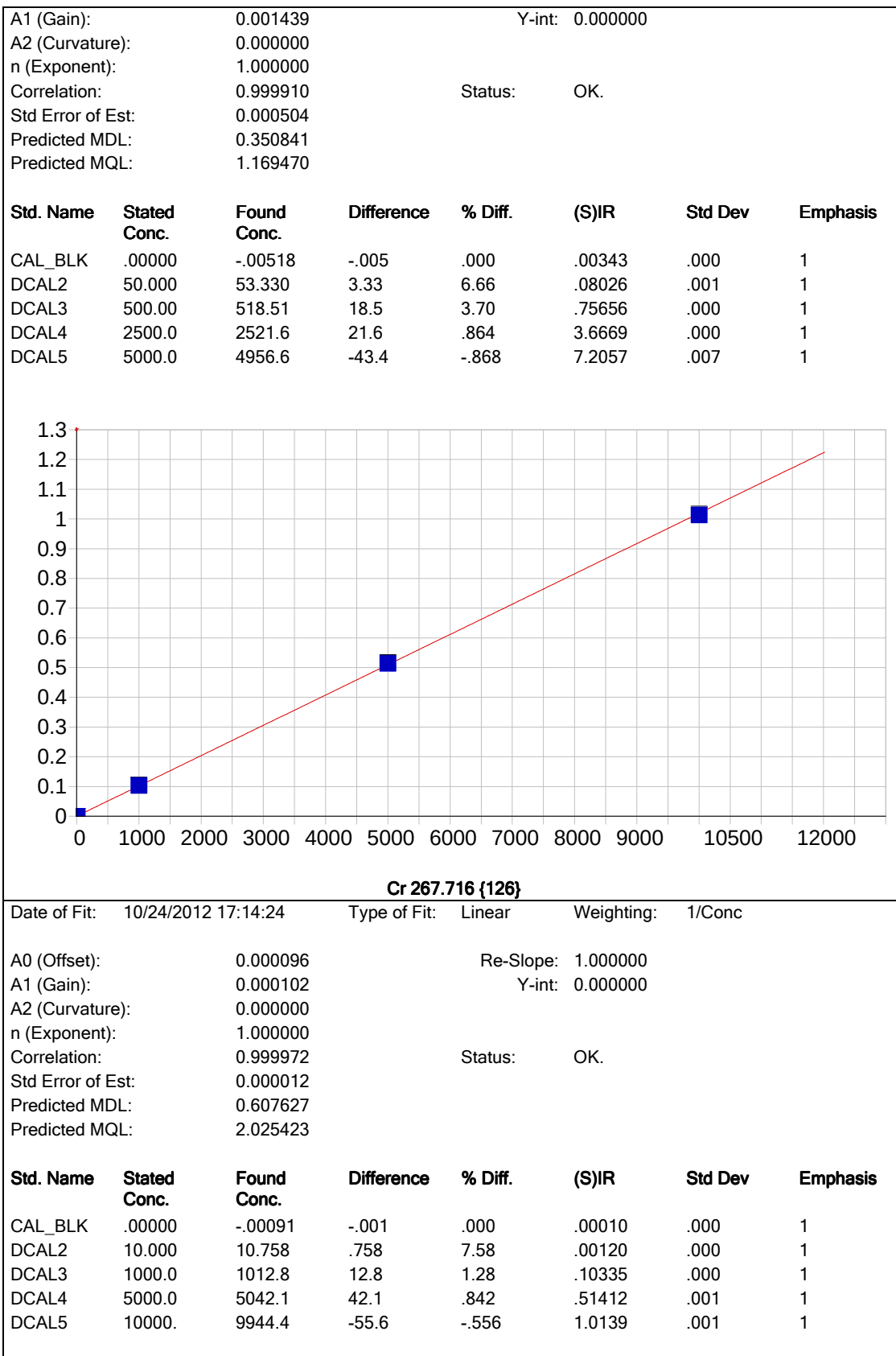
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00039	-.000	.000	-.00134	.000	1
DCAL2	4.0000	4.2524	.252	6.31	.00970	.000	1
DCAL3	250.00	258.14	8.14	3.26	.67146	.000	1
DCAL4	1250.0	1260.3	10.3	.822	3.2839	.003	1
DCAL5	2500.0	2481.3	-18.7	-.747	6.4677	.004	1

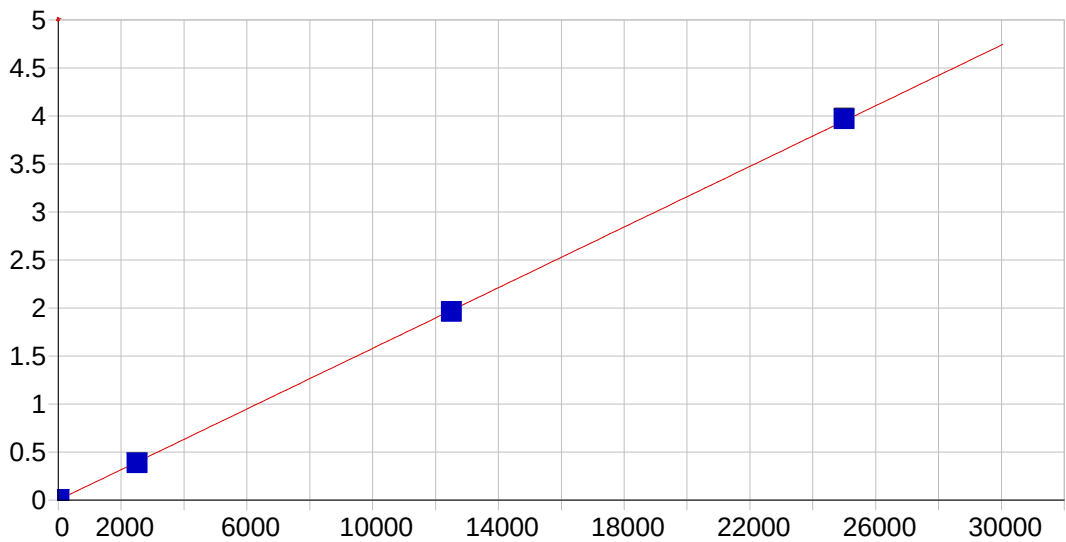


Co 228.616 {447}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003440 Re-Slope: 1.000000



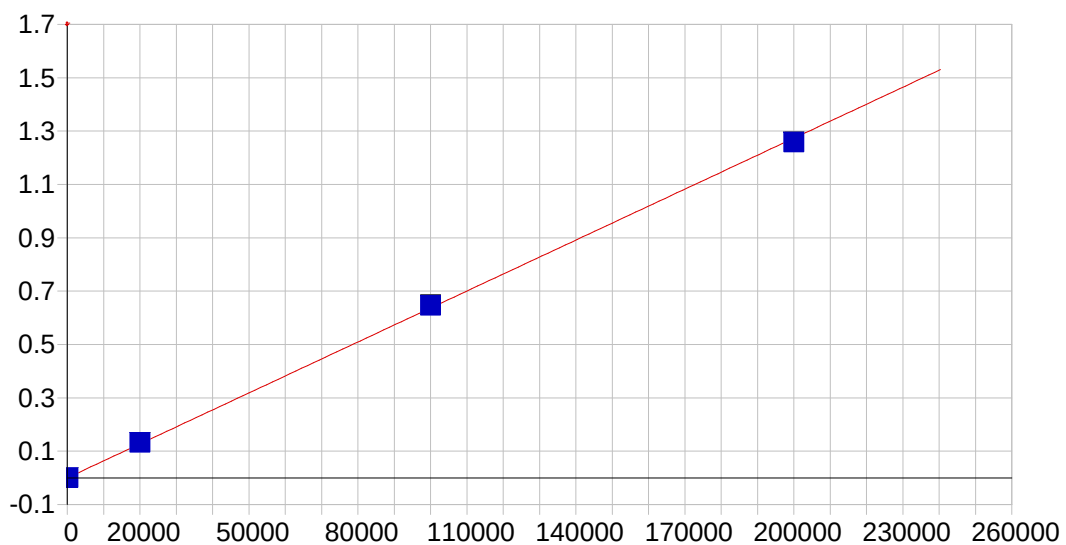


Cu 324.754 {104}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

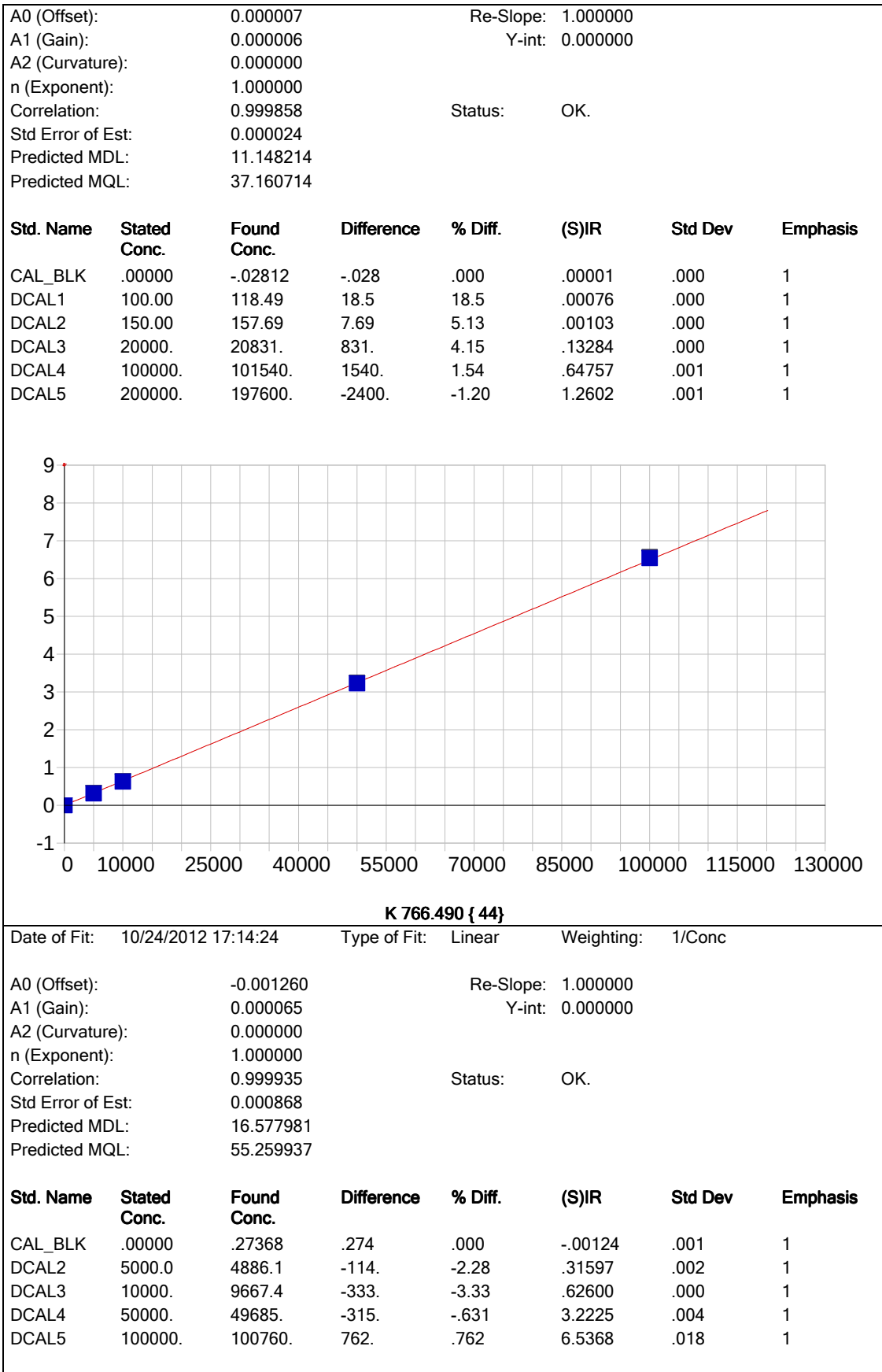
A0 (Offset): 0.001382 Re-Slope: 1.000000
 A1 (Gain): 0.000158 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 1.745815
 Predicted MQL: 5.819382

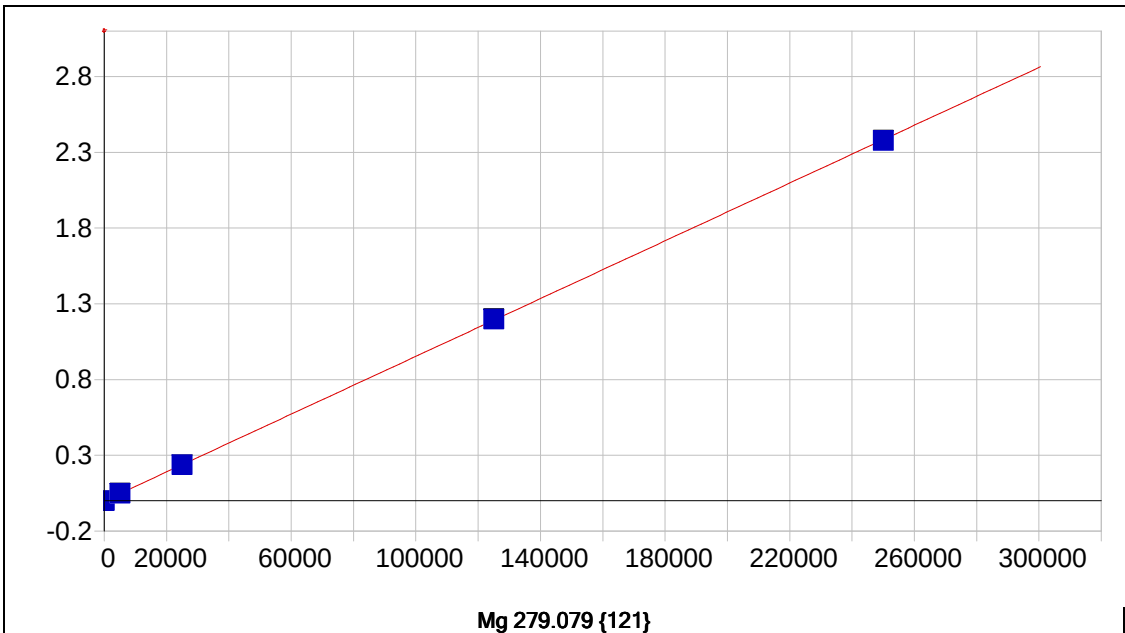
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00028	-.000	.000	.00138	.000	1
DCAL1	10.000	10.528	.528	5.28	.00304	.000	1
DCAL2	25.000	24.961	-.039	-.158	.00531	.000	1
DCAL3	2500.0	2445.3	-54.7	-2.19	.38714	.000	1
DCAL4	12500.	12419.	-81.2	-.649	1.9606	.001	1
DCAL5	25000.	25135.	135.	.542	3.9668	.006	1



Fe 271.441 {124}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

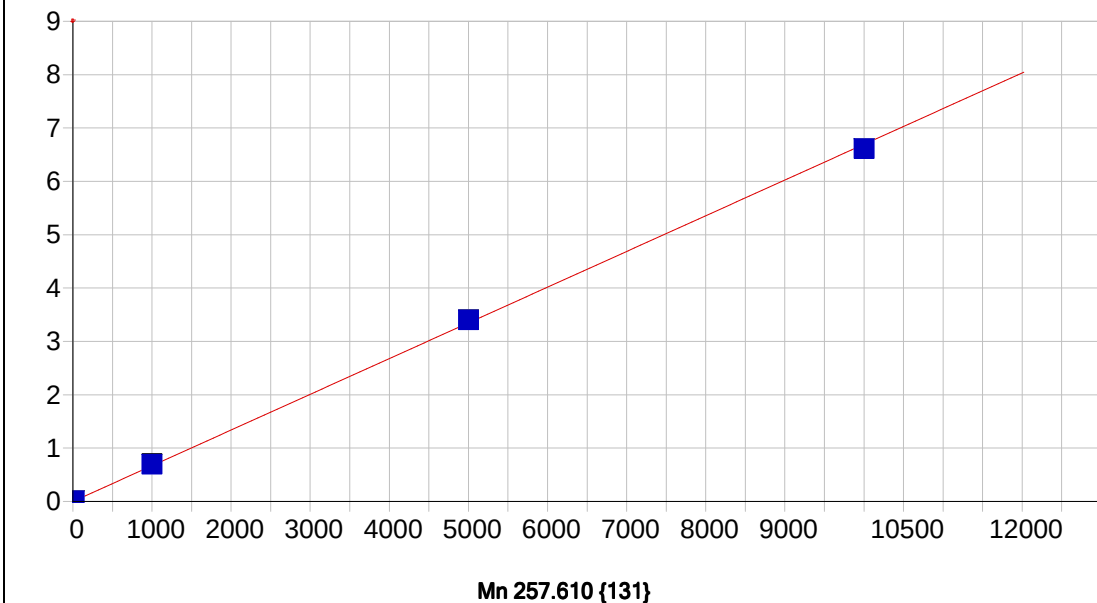




Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

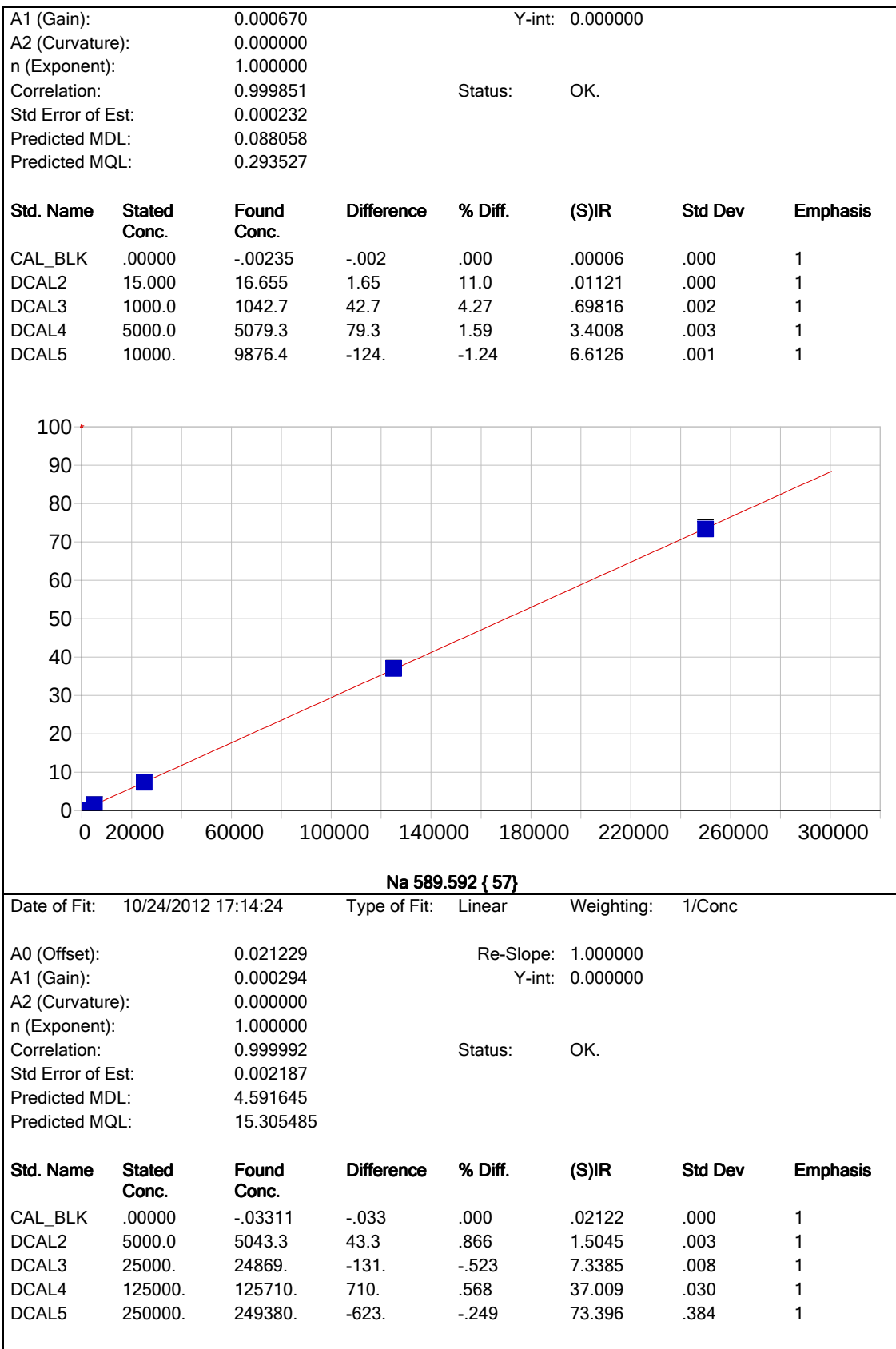
A0 (Offset): -0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.000010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 6.712495
 Predicted MQL: 22.374983

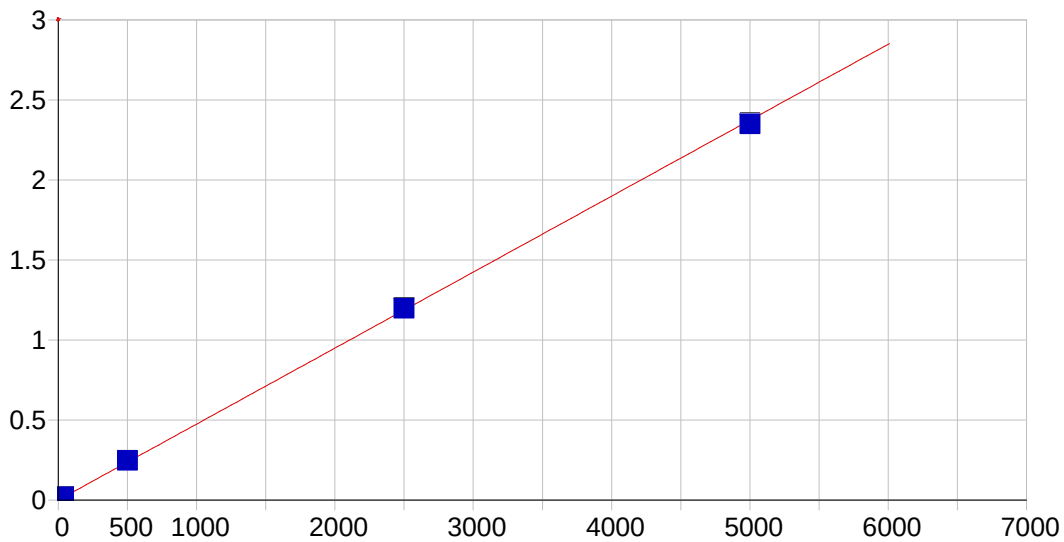
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.06449	-.064	.000	-.00003	.000	1
DCAL2	5000.0	5082.5	82.5	1.65	.04842	.000	1
DCAL3	25000.	24825.	-175.	-.700	.23657	.001	1
DCAL4	125000.	125760.	758.	.607	1.1986	.002	1
DCAL5	250000.	249330.	-666.	-.266	2.3763	.002	1



Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000



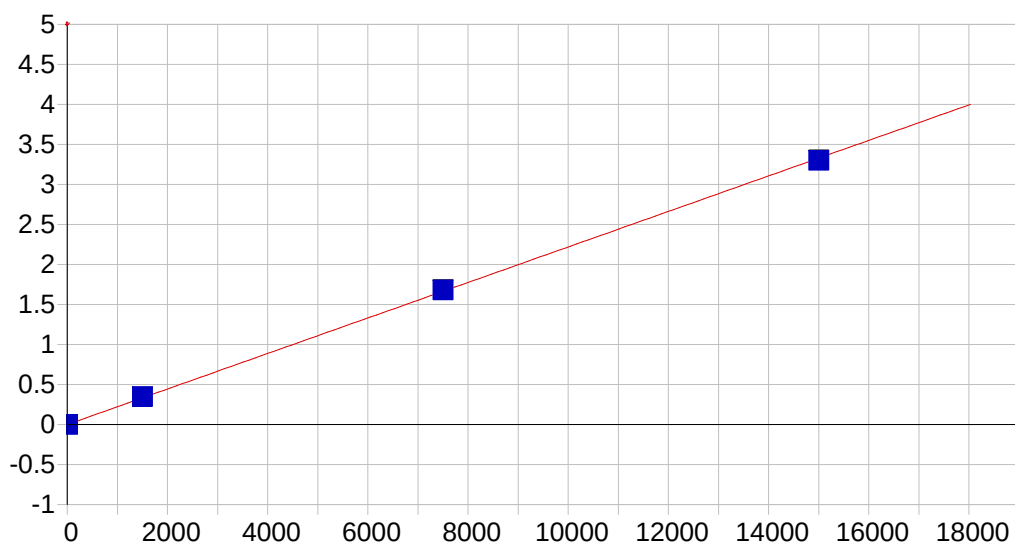


Ni 231.604 {446}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

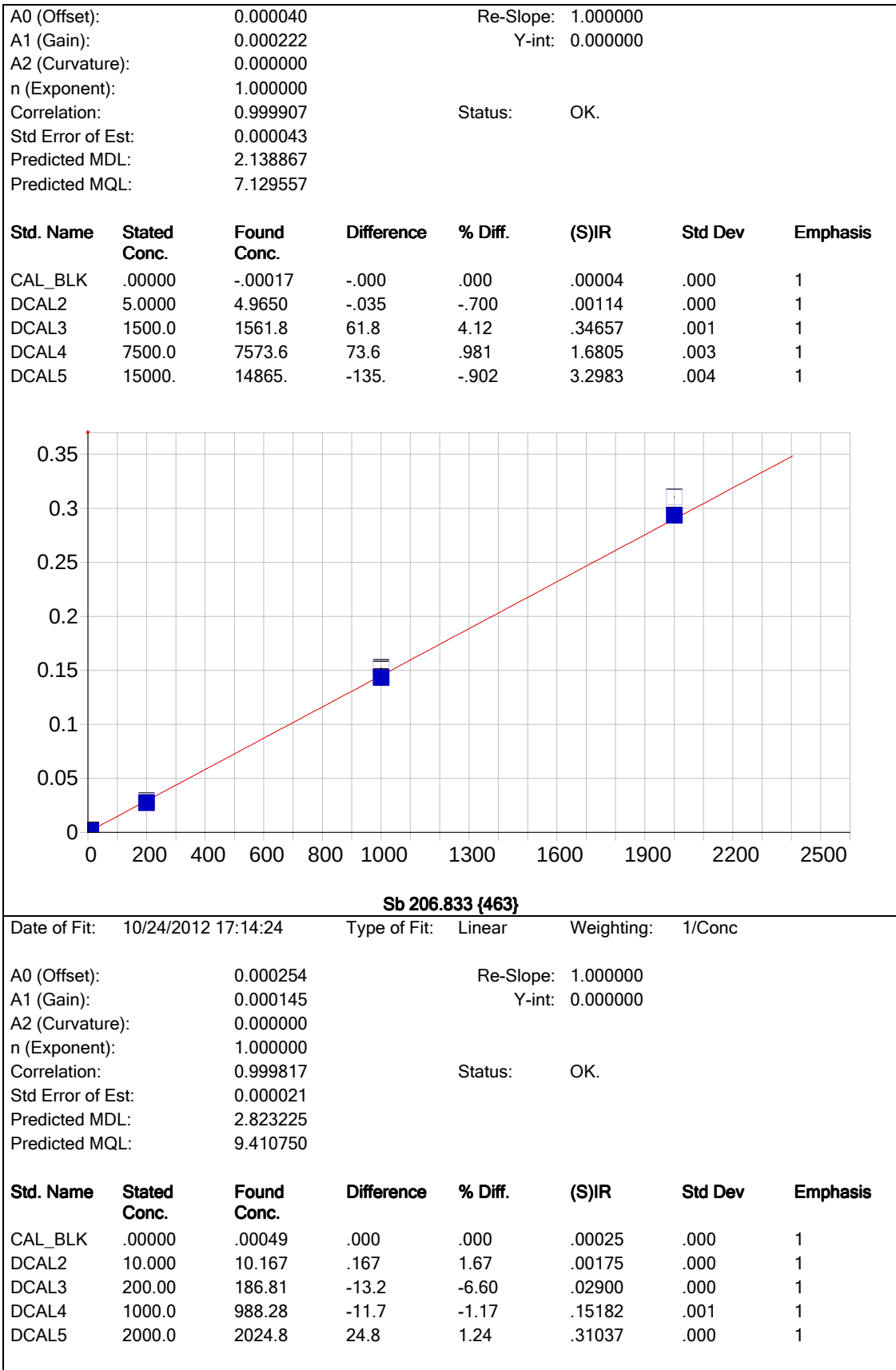
A0 (Offset): 0.000369 Re-Slope: 1.000000
 A1 (Gain): 0.000475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.918552
 Predicted MQL: 3.061840

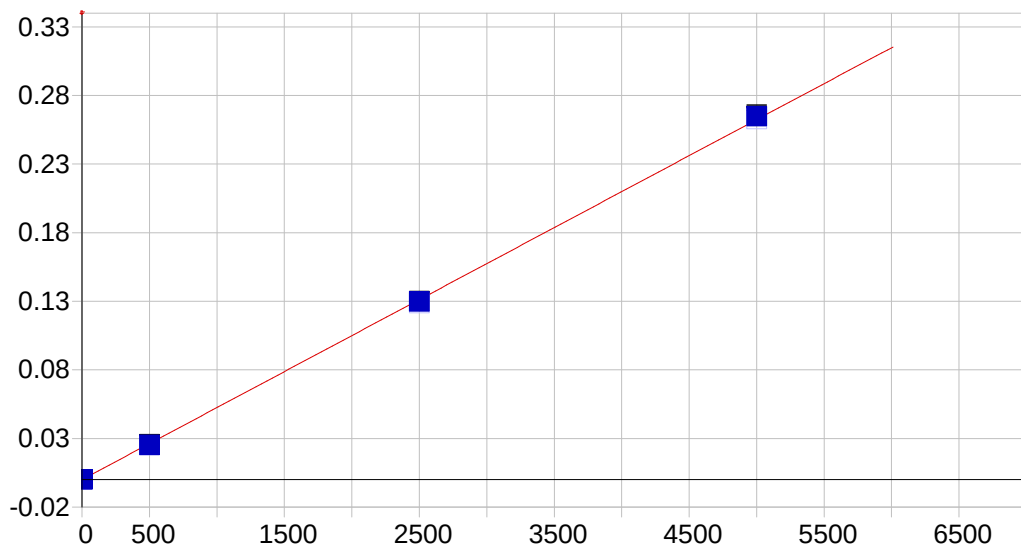
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00229	-.002	.000	.00037	.000	1
DCAL1	10.000	11.038	1.04	10.4	.00561	.000	1
DCAL2	40.000	43.371	3.37	8.43	.02095	.000	1
DCAL3	500.00	520.29	20.3	4.06	.24763	.001	1
DCAL4	2500.0	2524.4	24.4	.976	1.2001	.001	1
DCAL5	5000.0	4950.9	-49.1	-.982	2.3534	.003	1



Pb 220.353 {453}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc



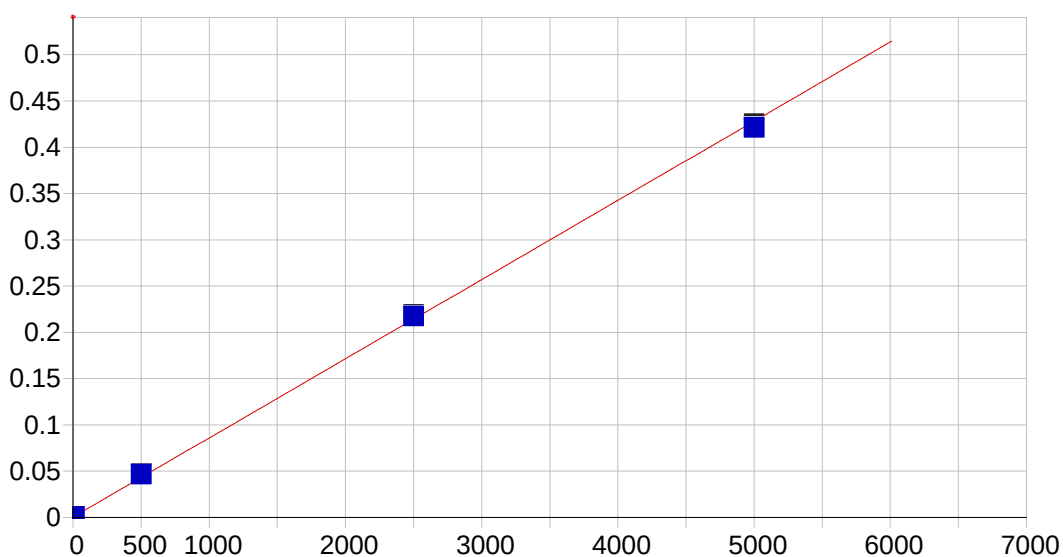


Se 196.090 {472}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.000052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 5.069836
 Predicted MQL: 16.899454

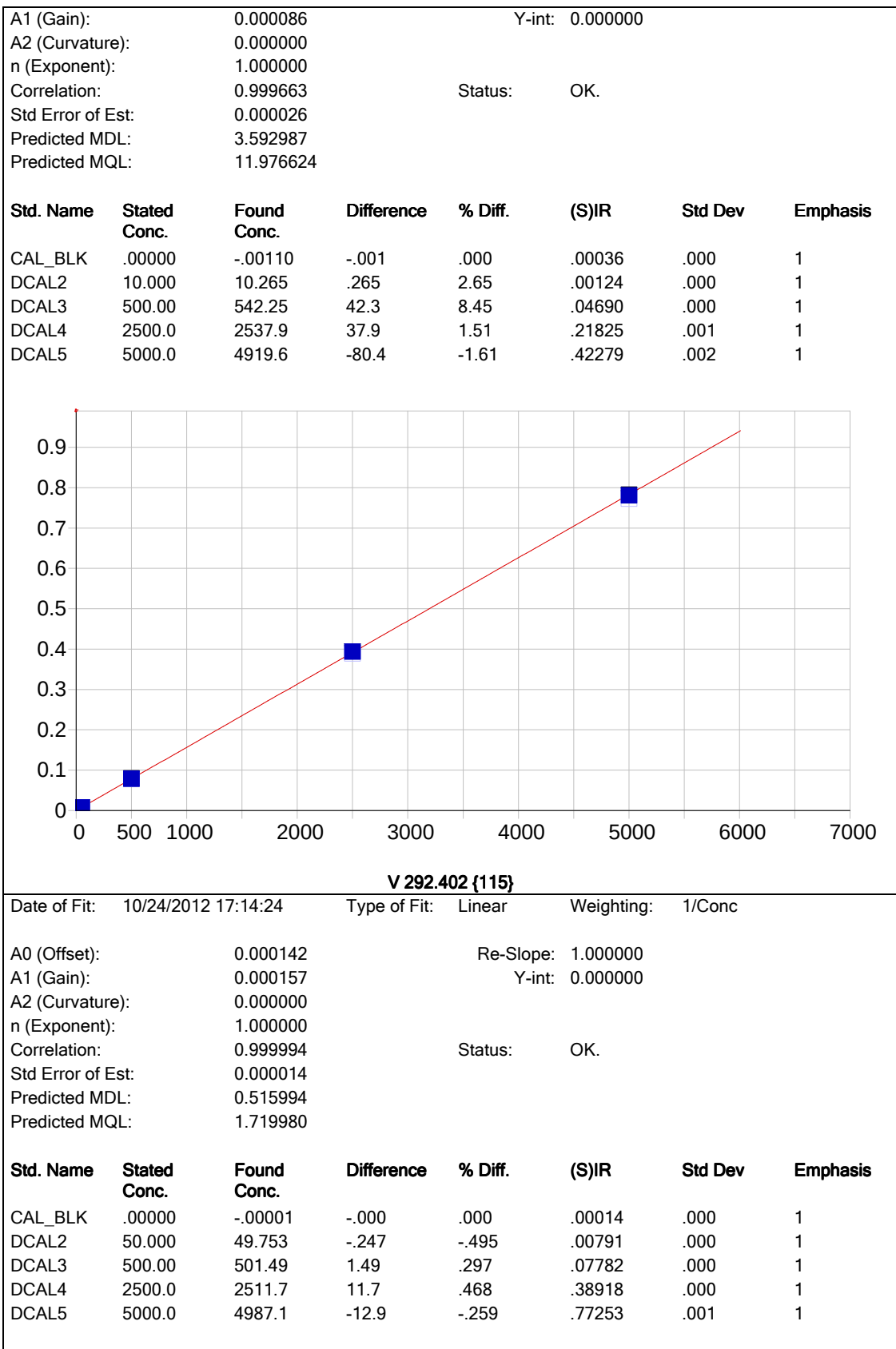
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00109	.001	.000	.00005	.000	1
DCAL2	5.0000	4.1010	-.899	-18.0	.00025	.000	1
DCAL3	500.00	481.74	-18.3	-3.65	.02511	.000	1
DCAL4	2500.0	2471.9	-28.1	-1.12	.12868	.000	1
DCAL5	5000.0	5047.2	47.2	.945	.26275	.001	1

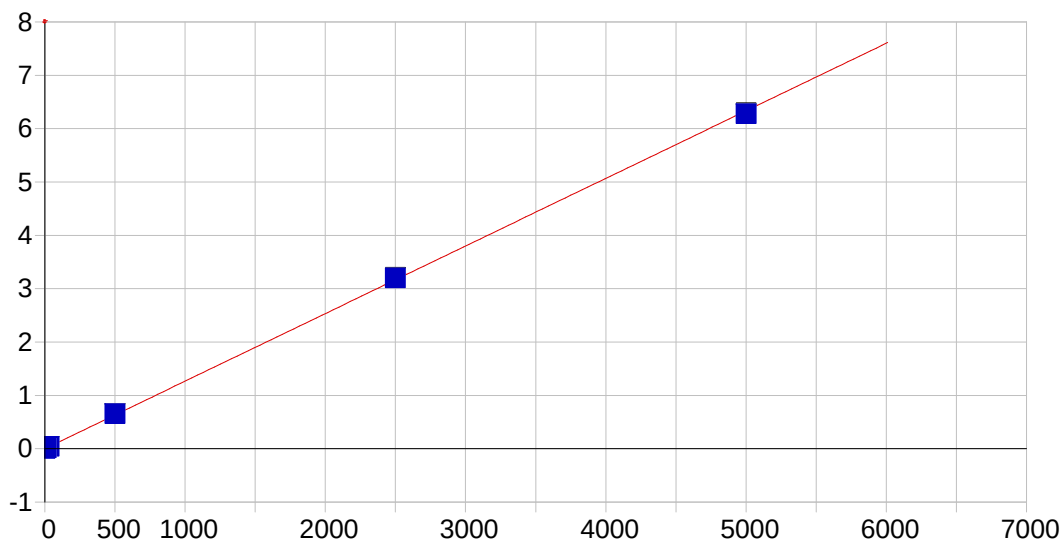


TI 190.856 {477}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000358 Re-Slope: 1.000000



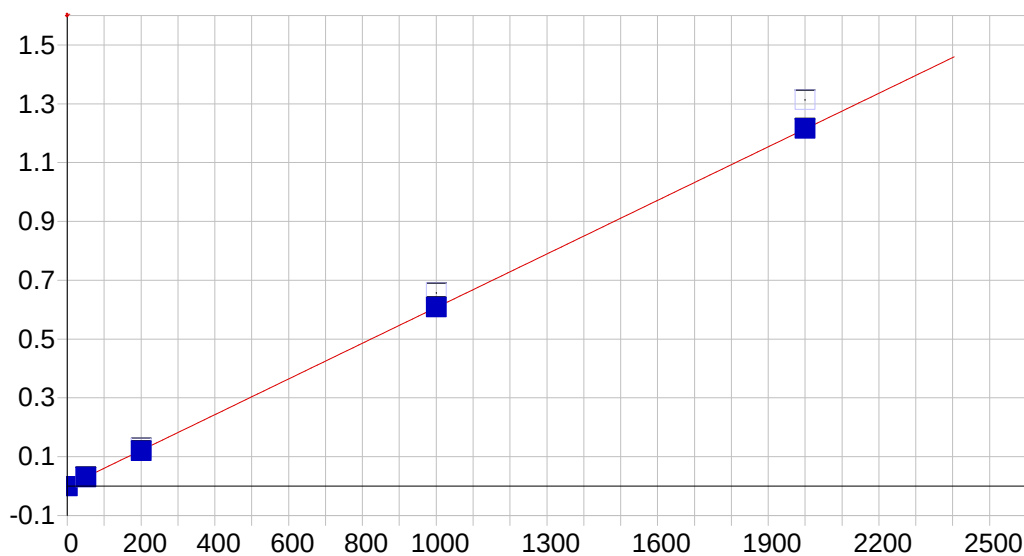


Zn 206.200 {463}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

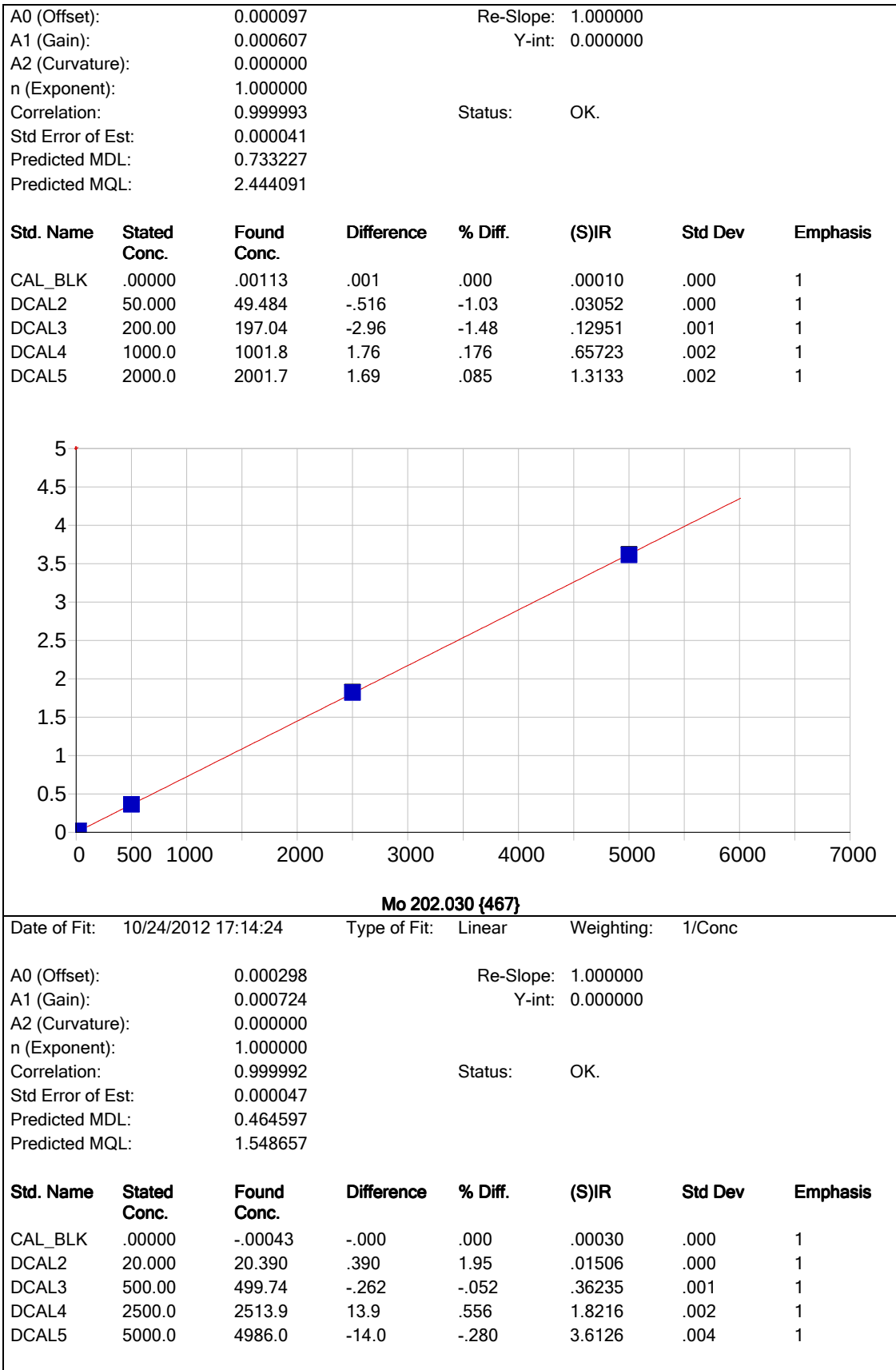
A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.001267 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000196
 Predicted MDL: 0.304335
 Predicted MQL: 1.014449

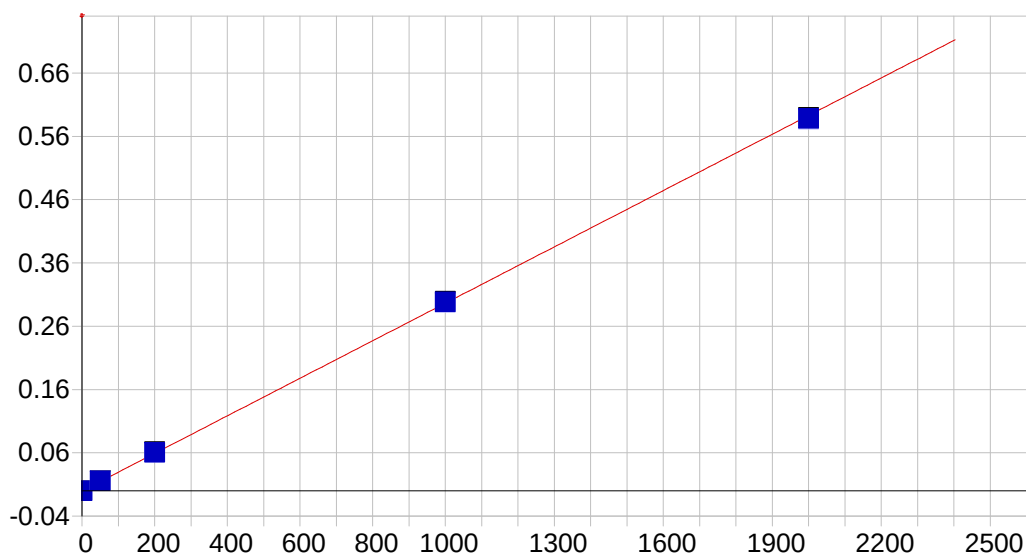
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00254	-.003	.000	-.00000	.000	1
DCAL2	30.000	32.635	2.64	8.78	.04135	.001	1
DCAL3	500.00	515.92	15.9	3.18	.65382	.000	1
DCAL4	2500.0	2525.9	25.9	1.04	3.2011	.010	1
DCAL5	5000.0	4954.2	-45.8	-.917	6.2784	.013	1
DCAL1	10.000	11.331	1.33	13.3	.01436	.000	1



B 208.959 {461}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc



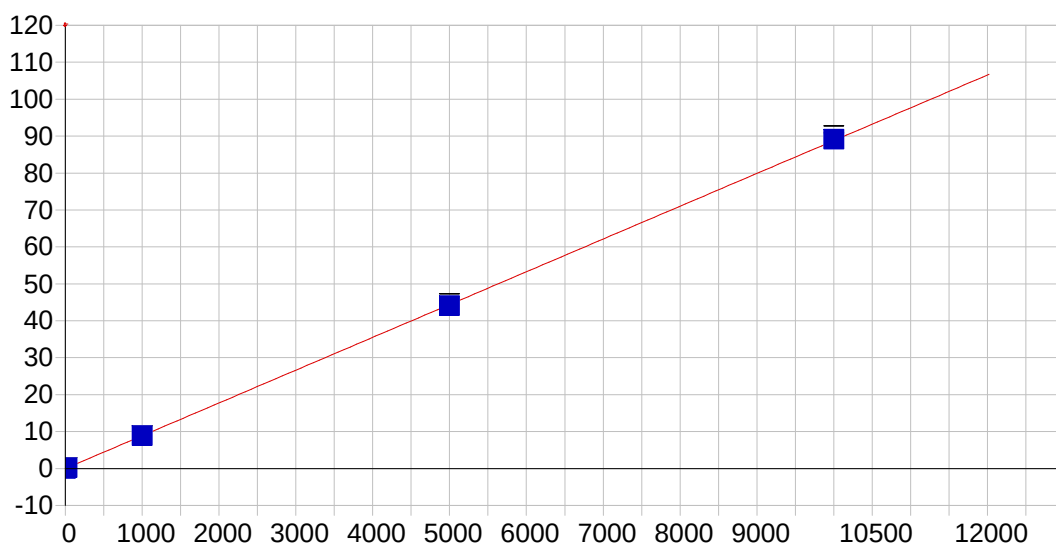


Sn 189.989 {477}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000246 Re-Slope: 1.000000
 A1 (Gain): 0.000297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 1.058946
 Predicted MQL: 3.529820

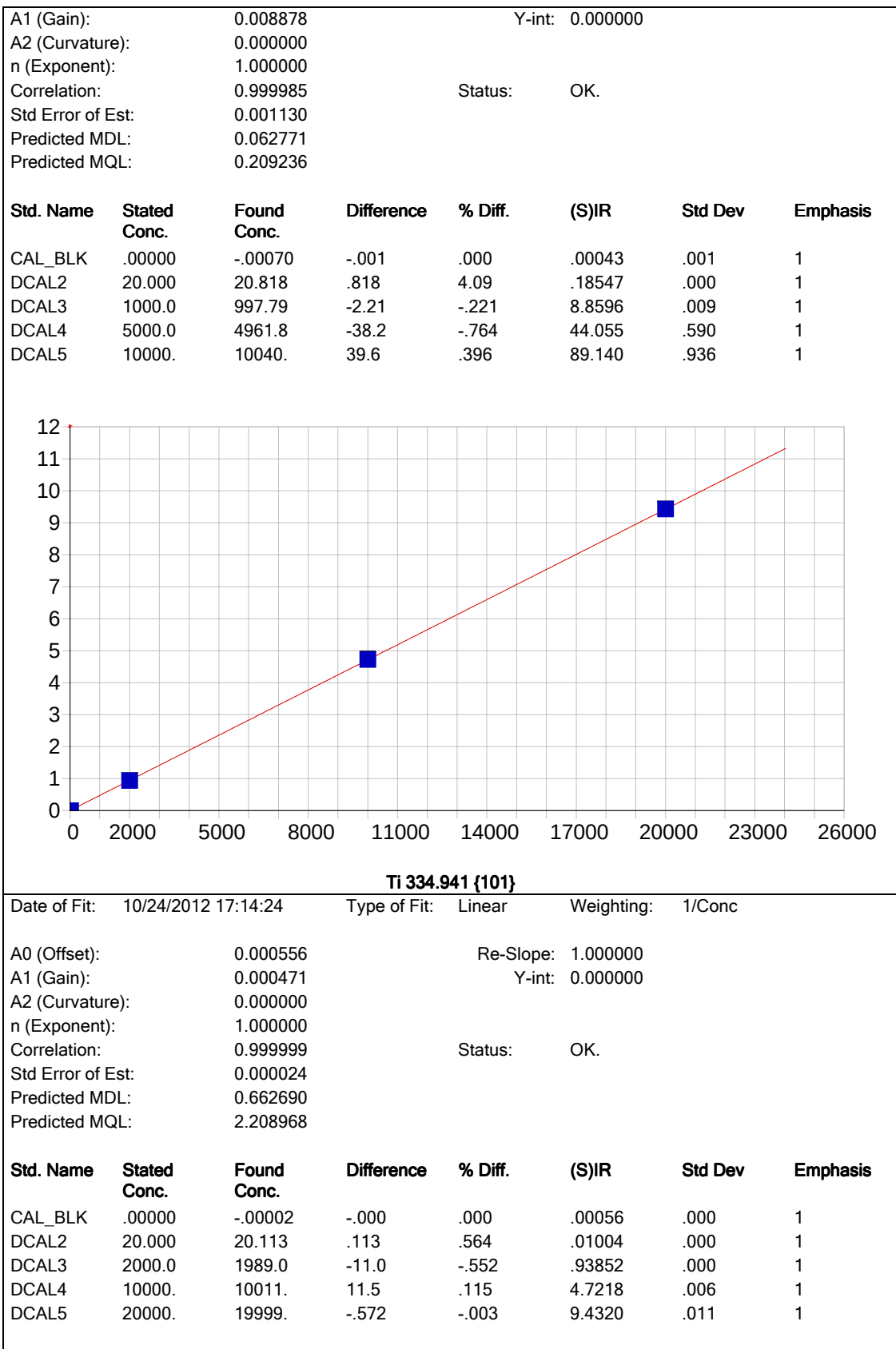
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00484	-.005	.000	-.00025	.000	1
DCAL2	50.000	53.479	3.48	6.96	.01561	.000	1
DCAL3	200.00	205.69	5.69	2.84	.06059	.000	1
DCAL4	1000.0	1006.8	6.78	.678	.29750	.001	1
DCAL5	2000.0	1984.0	-16.0	-.798	.58649	.001	1

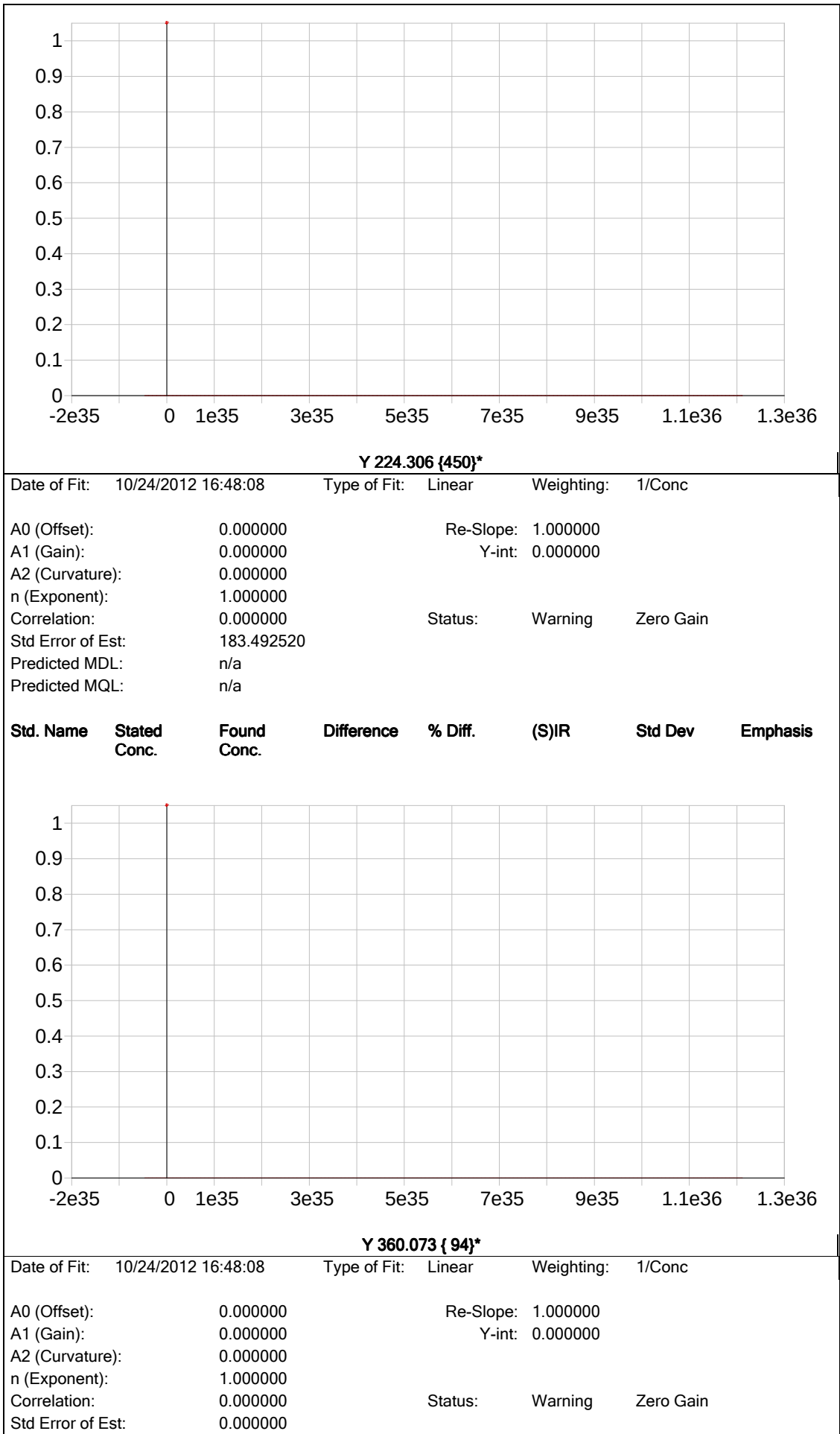


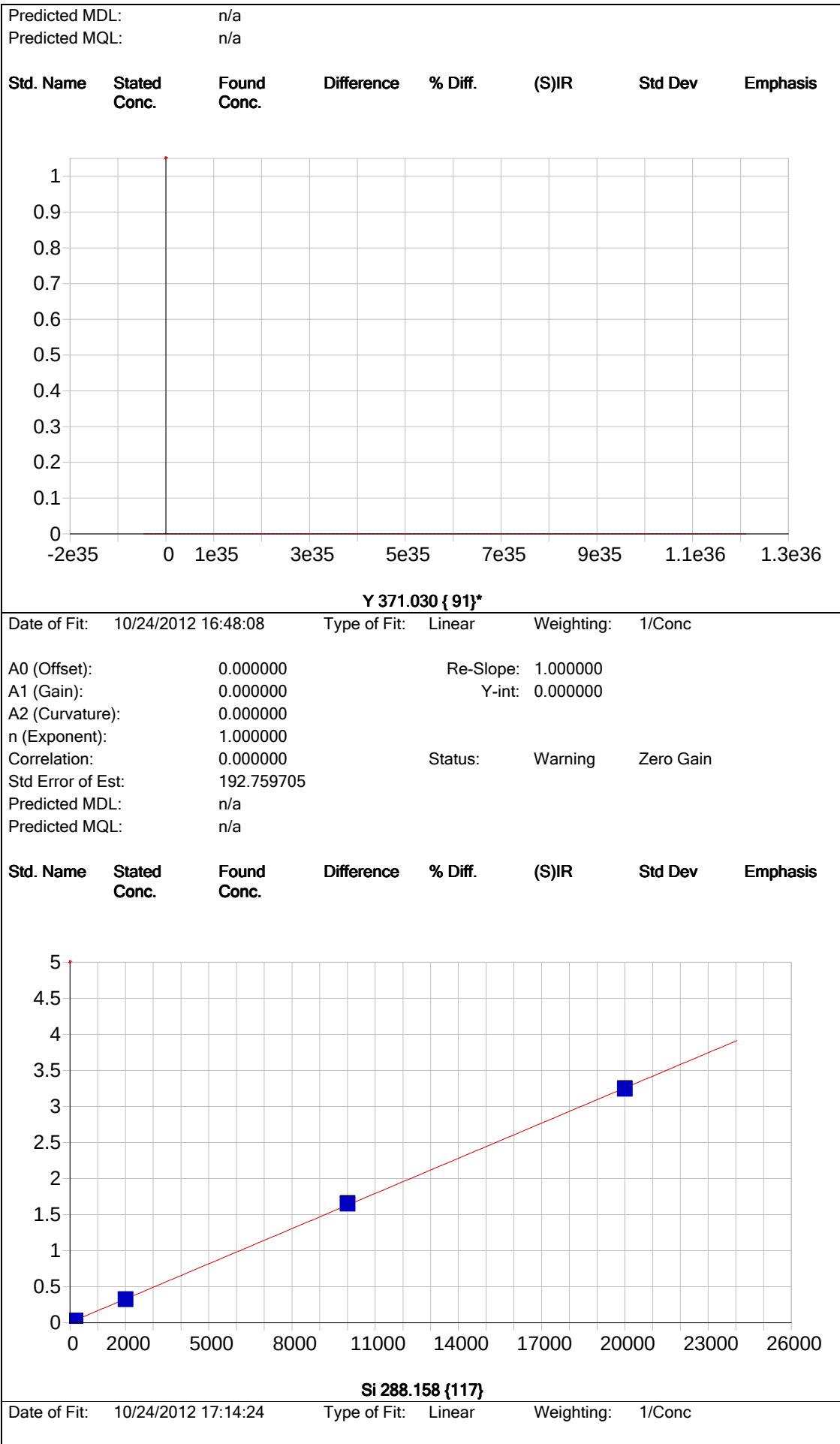
Sr 407.771 {83}

Date of Fit: 10/24/2012 17:14:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000437 Re-Slope: 1.000000







A0 (Offset):	0.004786	Re-Slope:	1.000000
A1 (Gain):	0.000163	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000167		
Predicted MDL:	10.598296		
Predicted MQL:	35.327652		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01210	.012	.000	.00479	.001	1
DCAL2	200.00	190.37	-9.63	-4.81	.03573	.001	1
DCAL3	2000.0	1957.6	-42.4	-2.12	.32182	.003	1
DCAL4	10000.	10125.	125.	1.25	1.6447	.008	1
DCAL5	20000.	19927.	-72.7	-.363	3.2323	.008	1

Sample Name: CAL_BLK Acquired: 10/24/2012 16:52:30 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0012	-.0002	.0000	-.0001	-.0001	.0005
Stddev	.0007	.0001	.0001	.0002	.0001	.0003
%RSD	61.27	57.65	6715.	150.5	154.4	59.38

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0013	.0034	.0001	.0014	.0000	-.0012
Stddev	.0002	.0004	.0000	.0001	.0001	.0007
%RSD	14.17	10.33	16.20	7.863	975.5	60.25

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0000	.0001	.0212	.0004	.0000	.0003
Stddev	.0000	.0000	.0003	.0002	.0003	.0002
%RSD	119.2	42.86	1.372	48.06	842.5	59.59

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0004	.0001	-.0000	.0001	.0003
Stddev	.0002	.0002	.0000	.0003	.0004	.0003
%RSD	487.4	61.51	1.212	20510.	400.6	85.60

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	.0004	.0006	.0048
Stddev	.0001	.0006	.0001	.0006
%RSD	43.47	139.9	10.53	11.64

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1152.8	30804.	9050.8
Stddev	.8	60.	22.9
%RSD	.06738	.19512	.25336

Sample Name: DCAL1 Acquired: 10/24/2012 16:56:16 Type: Cal
 Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0030	.0008	.0056	.0144
Stddev	.0002	.0000	.0001	.0003
%RSD	5.439	1.573	2.413	1.961

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1148.4	30737.	9024.6
Stddev	1.7	64.	26.3
%RSD	.14788	.20785	.29125

Sample Name: DCAL2 Acquired: 10/24/2012 17:00:01 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0135	.0007	.0015	.2169	.0091	.4694
Stddev	.0006	.0002	.0000	.0003	.0002	.0008
%RSD	4.204	25.47	1.963	.1304	1.970	.1699

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0097	.0803	.0012	.0053	.0010	.3160
Stddev	.0005	.0005	.0000	.0003	.0000	.0017
%RSD	4.692	.6434	1.459	4.761	4.230	.5234

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0484	.0112	1.505	.0210	.0011	.0017
Stddev	.0002	.0001	.003	.0004	.0004	.0004
%RSD	.3891	.5660	.2046	2.082	38.51	21.39

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0012	.0079	.0413	.0305	.0151
Stddev	.0003	.0003	.0001	.0005	.0003	.0003
%RSD	137.8	22.77	.9355	1.301	.9959	1.965

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0156	.1855	.0100	.0357
Stddev	.0003	.0004	.0004	.0013
%RSD	1.654	.2320	4.373	3.609

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1146.5	30477.	9068.4
Stddev	3.0	79.	37.0
%RSD	.26528	.25980	.40747

Sample Name: DCAL3 Acquired: 10/24/2012 17:03:44 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.785	.0548	.0383	2.132	.8989	2.285
Stddev	.003	.0005	.0003	.003	.0016	.003
%RSD	.1595	.9760	.7371	.1431	.1725	.1094

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6715	.7566	.1033	.3871	.1328	.6260
Stddev	.0001	.0004	.0002	.0002	.0001	.0001
%RSD	.0138	.0508	.2334	.0520	.0910	.0183

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2366	.6982	7.339	.2476	.3466	.0290
Stddev	.0012	.0022	.008	.0005	.0006	.0001
%RSD	.5179	.3134	.1149	.2103	.1763	.4035

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0251	.0469	.0778	.6538	.1295	.3624
Stddev	.0004	.0002	.0003	.0003	.0006	.0007
%RSD	1.648	.4573	.4080	.0464	.4910	.2050

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0606	8.860	.9385	.3218
Stddev	.0004	.009	.0005	.0029
%RSD	.6553	.1033	.0533	.9049

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1123.7	29802.	9007.0
Stddev	.7	19.	56.4
%RSD	.06039	.06427	.62669

Sample Name: DCAL4 Acquired: 10/24/2012 17:07:16 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.222	.2848	.1996	10.32	4.487	11.29
Stddev	.014	.0008	.0002	.01	.008	.01
%RSD	.1506	.2894	.1037	.1045	.1803	.0906

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.284	3.667	.5141	1.961	.6476	3.223
Stddev	.003	.000	.0013	.002	.0007	.004
%RSD	.0898	.0100	.2591	.0746	.1048	.1266

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.199	3.401	37.01	1.200	1.681	.1518
Stddev	.002	.003	.03	.001	.003	.0006
%RSD	.1411	.0999	.0812	.0786	.1681	.4164

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1287	.2183	.3892	3.201	.6572	1.822
Stddev	.0002	.0006	.0004	.010	.0017	.002
%RSD	.1641	.2767	.0960	.3102	.2564	.1027

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2975	44.06	4.722	1.645
Stddev	.0009	.59	.006	.008
%RSD	.3078	1.339	.1333	.5001

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1037.1	27518.	8683.0
Stddev	1.4	10.	11.4
%RSD	.13212	.03749	.13154

Sample Name: DCAL5 Acquired: 10/24/2012 17:10:50 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.79	.5850	.4143	20.09	8.922	21.45
Stddev	.02	.0013	.0002	.03	.016	.01
%RSD	.1209	.2160	.0507	.1543	.1751	.0631

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.468	7.206	1.014	3.967	1.260	6.537
Stddev	.004	.007	.002	.006	.001	.018
%RSD	.0640	.1005	.1432	.1485	.0780	.2707

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.376	6.613	73.40	2.353	3.298	.3104
Stddev	.002	.001	.38	.003	.004	.0002
%RSD	.0717	.0076	.5226	.1345	.1108	.0589

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2627	.4228	.7725	6.278	1.313	3.613
Stddev	.0010	.0022	.0013	.013	.002	.004
%RSD	.3705	.5135	.1633	.1995	.1262	.1101

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5865	89.14	9.432	3.232
Stddev	.0013	.94	.011	.008
%RSD	.2289	1.050	.1163	.2579

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	981.63	26214.	8406.2
Stddev	.87	11.	6.1
%RSD	.08826	.04059	.07244

Sample Name: CCV Acquired: 10/24/2012 17:14:29 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123200.	2464.	1225.	10110.	995.0	128800.
Stddev	452.	20.	2.	27.	3.2	476.
%RSD	.3672	.8224	.2032	.2689	.3248	.3695

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2516.	5052.	12360.	100900.	49480.
Stddev	4.	8.	7.	38.	77.	94.
%RSD	.2941	.3094	.1350	.3048	.0759	.1900

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125400.	5101.	124900.	2532.	7639.	984.9
Stddev	178.	4.	304.	7.	23.	4.5
%RSD	.1417	.0725	.2430	.2747	.3041	.4563

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2452.	2538.	2492.	2508.	987.6	2508.
Stddev	13.	5.	2.	7.	5.2	7.
%RSD	.5360	.1825	.0631	.2618	.5272	.2630

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/24/2012 17:14:29 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1005.	5027.	10010.	10050.
Stddev	2.	84.	26.	12.
%RSD	.2164	1.665	.2626	.1229

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1036.9	27483.	8611.1
Stddev	1.7	17.	64.3
%RSD	.16282	.06332	.74724

Sample Name: CCB Acquired: 10/24/2012 17:18:04 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.93	-.3137	-.4312	.5487	.1330	9.207
Stddev	12.84	.6860	.2714	.1199	.0842	10.52
%RSD	99.30	218.7	62.94	21.85	63.34	114.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1887	-.0242	-.1600	.5144	8.547	56.18
Stddev	.1810	.1464	.2209	1.044	10.51	32.14
%RSD	95.90	604.3	138.0	202.9	122.9	57.21

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.84	.3096	43.37	.5274	-.2250	-.3653
Stddev	10.11	.2344	26.70	.5052	.4965	2.888
%RSD	85.42	75.73	61.58	95.79	220.7	790.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.853	-4.483	-.1927	.5046	2.126	2.014
Stddev	1.819	1.245	.2702	.0981	1.069	.469
%RSD	98.17	27.77	140.2	19.44	50.29	23.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/24/2012 17:18:04 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2391	.4844	1.207	-12.16
Stddev	.3634	.3526	.980	8.21
%RSD	152.0	72.79	81.26	67.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1159.8	30894.	8914.4
Stddev	.0	69.	22.4
%RSD	.00242	.22290	.25073

Sample Name: IC5A 1552029 Acquired: 10/24/2012 17:21:49 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	493200.	-3.960	-1.513	-1.595	.0640	433100.
Stddev	3288.	5.592	.496	.150	.0161	1393.
%RSD	.6668	141.2	32.81	9.381	25.16	.3216

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5146	-.3073	1.691	-6.494	192200.	77.95
Stddev	.1474	.3391	.339	1.047	865.	2.58
%RSD	28.64	110.4	20.04	16.12	.4497	3.314

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	490700.	1.839	45.38	-1.756	-1.630	.0290
Stddev	3313.	.227	17.36	.641	4.043	.5795
%RSD	.6751	12.36	38.26	36.54	248.0	1999.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3197	-5.612	-2.359	-.0497	1.379	-1.417
Stddev	6.178	8.999	.286	.9481	2.421	1.060
%RSD	1932.	160.4	12.13	1906.	175.6	74.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1552029 Acquired: 10/24/2012 17:21:49 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.449	.1094	-.1277	-11.19
Stddev	1.228	.0346	.0778	2.34
%RSD	84.72	31.60	60.95	20.93

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	992.69	26035.	8446.0
Stddev	2.64	56.	22.0
%RSD	.26600	.21638	.26063

Sample Name: ICSAB 1604491 Acquired: 10/24/2012 17:25:50 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	495900.	90.26	101.0	96.77	96.22	426900.
Stddev	3678.	2.00	.6	.96	.45	1187.
%RSD	.7417	2.222	.6395	.9923	.4711	.2781

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94.52	93.60	98.99	91.79	194500.	10210.
Stddev	.08	.36	.65	1.86	90.	18.
%RSD	.0840	.3844	.6537	2.026	.0465	.1774

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	498200.	101.9	10410.	91.49	93.53	90.56
Stddev	783.	.2	23.	1.37	2.94	3.62
%RSD	.1572	.1682	.2251	1.498	3.144	3.997

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94.69	94.70	94.00	92.79	93.73	93.34
Stddev	5.09	2.02	.59	.49	1.79	.59
%RSD	5.373	2.136	.6285	.5287	1.915	.6366

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 10/24/2012 17:25:50 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	89.26	99.27	95.22	43.81
Stddev	1.93	.07	.64	8.73
%RSD	2.161	.0701	.6724	19.93

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	999.36	26178.	8459.8
Stddev	1.28	101.	53.2
%RSD	.12770	.38654	.62837

Sample Name: INT-10 1790436 Acquired: 10/24/2012 17:29:47 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-21.63	4.952	.2686	.5684	.7160	50.20
Stddev	41.33	.941	.3775	.4042	.0392	37.46
%RSD	191.1	19.00	140.5	71.11	5.471	74.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.178	10630.	10050.	-1.931	20.54	76.06
Stddev	.055	13.	16.	2.369	13.26	14.68
%RSD	4.664	.1218	.1604	122.7	64.57	19.30

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-76.35	10270.	34.64	10790.	-1.892	-1.862
Stddev	25.21	11.	7.51	7.	1.160	2.933
%RSD	33.02	.1106	21.68	.0604	61.30	157.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.525	4.169	4921.	-2.474	1.507	4984.
Stddev	3.019	2.767	4.	.088	.411	17.
%RSD	54.65	66.36	.0728	3.561	27.26	.3344

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1790436 Acquired: 10/24/2012 17:29:47 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10330.	9840.	9425.	9718.
Stddev	22.	25.	8.	194.
%RSD	.2171	.2501	.0864	2.000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1142.5	30518.	8829.1
Stddev	2.6	25.	32.3
%RSD	.22842	.08310	.36553

Sample Name: 460-46192-d-4-b du Acquired: 10/24/2012 17:33:32 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	624.7	3.251	.4134	107.5	.2489	41720.
Stddev	9.5	1.447	.4110	.4	.0546	29.
%RSD	1.524	44.51	99.42	.3658	21.93	.0701

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6551	23.26	1.566	2.106	254.5	4821.
Stddev	.1599	.22	1.258	.592	14.3	24.
%RSD	24.42	.9655	80.32	28.09	5.626	.5076

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28030.	1376.	86180.	25.84	1.210	-.9130
Stddev	177.	5.	10.	.12	3.770	2.582
%RSD	.6321	.3392	.0115	.4588	311.7	282.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.309	.3767	3.058	45.15	149.7	4.923
Stddev	1.771	2.209	.271	.56	.6	.537
%RSD	53.51	586.3	8.872	1.248	.3965	10.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-d-4-b du Acquired: 10/24/2012 17:33:32 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.028	278.5	16.25	8338.
Stddev	.379	.5	.84	93.
%RSD	12.52	.1734	5.179	1.112

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1105.6	29254.	8957.2
Stddev	1.5	113.	97.0
%RSD	.13138	.38657	1.0833

Sample Name: 460-46192-d-4-a Acquired: 10/24/2012 17:37:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	620.5	.8261	.1910	106.8	.1880	41260.
Stddev	11.7	.7033	.2753	.2	.0362	73.
%RSD	1.890	85.14	144.1	.1820	19.26	.1780

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7508	22.40	.4861	2.114	262.4	4801.
Stddev	.0815	.37	.3537	.223	12.5	14.
%RSD	10.86	1.660	72.76	10.56	4.752	.2954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27560.	1357.	85390.	25.95	2.803	-3.439
Stddev	27.	1.	229.	1.28	1.241	2.055
%RSD	.0985	.0726	.2687	4.934	44.26	59.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.233	-1.903	2.585	44.81	148.7	1.153
Stddev	6.503	.961	.325	.21	1.6	.308
%RSD	201.2	50.50	12.57	.4683	1.102	26.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-d-4-a Acquired: 10/24/2012 17:37:14 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.487	276.4	15.52	8394.
Stddev	1.201	.4	.39	20.
%RSD	80.77	.1480	2.500	.2426

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1103.5	29322.	9111.1
Stddev	1.1	32.	44.9
%RSD	.09676	.10927	.49261

Sample Name: sd 460-46192-d-4-a@5 Acquired: 10/24/2012 17:40:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124.2	-.2373	-.4336	21.28	.0528	8206.
Stddev	5.6	1.811	.1550	.36	.0337	9.
%RSD	4.537	763.0	35.76	1.669	63.84	.1086

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0474	4.539	-.2826	1.572	56.45	959.5
Stddev	.0691	.131	.1155	.839	3.51	8.6
%RSD	145.7	2.881	40.89	53.37	6.213	.8950

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5517.	275.4	16960.	5.624	.4979	-1.224
Stddev	28.	.3	5.	1.372	.9550	.708
%RSD	.5053	.1132	.0286	24.39	191.8	57.86

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.091	-.7456	.0081	9.349	30.07	.1877
Stddev	5.844	1.727	.1535	.083	.45	.3219
%RSD	114.8	231.6	1903.	.8860	1.487	171.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-46192-d-4-a@5 Acquired: 10/24/2012 17:40:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7861	54.90	2.523	1565.
Stddev	.5926	.17	.166	9.
%RSD	75.38	.3047	6.574	.5674

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1152.1	30567.	9064.7
Stddev	1.2	17.	56.3
%RSD	.10571	.05411	.62150

Sample Name: 460-46192-d-4-c.ms Acquired: 10/24/2012 17:44:36 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2865.	1959.	47.63	2181.	50.32	62270.
Stddev	16.	3.	.45	4.	.11	125.
%RSD	.5728	.1659	.9509	.1858	.2153	.1999

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.29	524.2	203.7	244.9	1283.	24450.
Stddev	.10	1.4	.9	1.4	15.	25.
%RSD	.2003	.2715	.4567	.5763	1.186	.1004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47660.	1867.	105200.	533.7	509.3	474.4
Stddev	75.	3.	181.	.4	2.9	.8
%RSD	.1582	.1485	.1718	.0673	.5610	.1669

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1916.	2089.	500.2	544.8	645.3	488.0
Stddev	8.	8.	.2	2.6	2.5	1.3
%RSD	.4116	.4011	.0478	.4791	.3812	.2675

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-d-4-c.ms Acquired: 10/24/2012 17:44:36 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	504.5	765.9	507.3	8923.
Stddev	.9	3.1	2.0	50.
%RSD	.1837	.3992	.4007	.5646

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1092.9	29068.	9089.7
Stddev	1.8	107.	46.9
%RSD	.16217	.36889	.51594

Sample Name: pds 460-46192-d-4-a Acquired: 10/24/2012 17:48:10 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2458.	1850.	44.33	2061.	47.60	60260.
Stddev	17.	10.	.27	2.	.04	117.
%RSD	.6817	.5634	.6151	.1092	.0864	.1943

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.27	495.3	190.3	229.6	1215.	23240.
Stddev	.27	.5	.8	1.8	16.	48.
%RSD	.5554	.1047	.4281	.7968	1.347	.2074

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45590.	1797.	102100.	504.4	477.8	446.4
Stddev	67.	2.	128.	.3	2.4	5.2
%RSD	.1473	.1344	.1256	.0508	.5115	1.159

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1806.	1983.	470.3	513.3	616.1	460.5
Stddev	3.	10.	.7	1.7	.8	1.2
%RSD	.1457	.5021	.1520	.3325	.1378	.2710

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-46192-d-4-a Acquired: 10/24/2012 17:48:10 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	474.3	733.0	479.2	8445.
Stddev	3.2	1.5	2.0	55.
%RSD	.6775	.1979	.4186	.6530

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1092.8	29230.	9105.3
Stddev	.9	6.	19.1
%RSD	.07802	.01935	.20951

Sample Name: 460-46192-d-1-b Acquired: 10/24/2012 17:51:44 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2892.	2.384	-0.0692	903.3	.1639	98490.
Stddev	18.	2.363	.0436	2.9	.0336	61.
%RSD	.6236	99.12	62.94	.3222	20.50	.0618

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2590	1.464	6.008	-1.712	75950.	2281.
Stddev	.2425	.116	.507	.404	207.	4.
%RSD	93.64	7.888	8.436	23.59	.2726	.1947

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	3140.	237600.	3.111	.0854	1.195
Stddev	394.	5.	655.	.831	.3602	2.538
%RSD	.3156	.1604	.2756	26.71	421.7	212.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.261	-4.142	8.790	34.67	8.043	.7286
Stddev	4.961	2.365	.350	.23	.590	.2309
%RSD	219.4	57.09	3.982	.6733	7.332	31.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-d-1-b Acquired: 10/24/2012 17:51:44 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.354	938.5	76.60	15390.
Stddev	1.000	1.3	4.21	83.
%RSD	29.80	.1371	5.489	.5417

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1038.2	27892.	9090.6
Stddev	1.3	71.	19.5
%RSD	.12332	.25630	.21454

Sample Name: lcs 460-133330/2-a Acquired: 10/24/2012 17:55:33 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1926.	1894.	45.95	2071.	49.41	21120.
Stddev	6.	4.	.18	3.	.08	26.
%RSD	.2954	.1910	.3879	.1306	.1627	.1208

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.83	506.2	201.2	241.6	1024.	19390.
Stddev	.25	.6	1.2	1.2	4.	28.
%RSD	.4973	.1221	.6159	.4817	.3741	.1430

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19810.	519.6	20050.	517.0	515.2	461.0
Stddev	104.	1.4	25.	1.1	3.2	2.5
%RSD	.5253	.2732	.1243	.2062	.6146	.5475

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1863.	2163.	492.5	498.7	489.2	484.8
Stddev	5.	12.	.8	1.0	1.3	.6
%RSD	.2578	.5328	.1647	.2035	.2683	.1245

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-133330/2-a Acquired: 10/24/2012 17:55:33 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	502.8	488.8	488.0	118.0
Stddev	3.2	.4	.5	12.6
%RSD	.6337	.0721	.1089	10.70

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1126.4	30179.	9255.1
Stddev	1.9	42.	46.9
%RSD	.16944	.13767	.50664

Sample Name: CCV Acquired: 10/24/2012 17:59:09 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	2431.	1209.	9966.	974.7	126200.
Stddev	37.	10.	6.	18.	1.5	78.
%RSD	.0308	.4299	.4880	.1783	.1505	.0616

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2479.	4957.	12120.	98660.	48840.
Stddev	2.	4.	21.	22.	360.	53.
%RSD	.1583	.1652	.4245	.1846	.3647	.1081

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122700.	5002.	123100.	2494.	7513.	973.7
Stddev	418.	12.	98.	3.	12.	5.8
%RSD	.3410	.2469	.0796	.1192	.1627	.6008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2422.	2504.	2455.	2462.	973.0	2469.
Stddev	4.	6.	4.	6.	2.3	6.
%RSD	.1699	.2481	.1582	.2388	.2394	.2373

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/24/2012 17:59:09 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	990.7	4977.	9821.	9970.
Stddev	3.0	45.	3.	32.
%RSD	.3014	.9123	.0328	.3171

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1049.1	27947.	8815.2
Stddev	2.5	23.	35.8
%RSD	.24245	.08371	.40591

Sample Name: CCB Acquired: 10/24/2012 18:02:43 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.78	1.209	-.0419	.4798	.0761	10.78
Stddev	8.00	1.693	.6797	.3243	.0570	7.58
%RSD	54.09	140.1	1621.	67.60	74.92	70.31

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1434	-.2158	-.1043	.9454	15.24	48.90
Stddev	.1962	.0806	.3883	1.893	12.51	27.55
%RSD	136.8	37.34	372.4	200.2	82.08	56.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.40	.3064	30.90	-.5255	-.0920	-.9689
Stddev	4.62	.2648	21.86	.5655	2.179	2.038
%RSD	44.42	86.42	70.74	107.6	2369.	210.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3676	-.1618	-.2899	.1515	1.926	2.147
Stddev	5.221	1.274	.2375	.1897	.358	.050
%RSD	1420.	787.3	81.92	125.2	18.58	2.328

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/24/2012 18:02:43 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.877	.3979	.5801	-9.283
Stddev	.518	.4144	.3654	9.485
%RSD	27.61	104.1	62.99	102.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1175.3	31476.	9109.8
Stddev	1.2	38.	42.7
%RSD	.10003	.12060	.46836

Sample Name: mb 460-133330/1-a Acquired: 10/24/2012 18:06:29 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.13	.5330	-.8443	-.0478	.0115	4.719
Stddev	1.47	1.849	.3552	.0602	.0219	4.857
%RSD	12.16	347.0	42.06	125.9	190.8	102.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0295	-.1646	.0513	1.010	-1.218	25.57
Stddev	.1409	.3078	.2928	1.003	3.001	10.77
%RSD	477.5	186.9	571.0	99.33	246.5	42.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.786	.0525	-1.643	.0374	-.3634	.5759
Stddev	6.953	.0474	3.597	.3845	.7664	1.390
%RSD	145.3	90.28	219.0	1027.	210.9	241.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.679	-4.870	-.3867	1.815	5.366	.0005
Stddev	2.354	2.827	.2304	.050	.511	.5065
%RSD	63.98	58.05	59.58	2.745	9.528	96280.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133330/1-a Acquired: 10/24/2012 18:06:29 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.296	.0681	.1886	67.69
Stddev	.543	.0516	.1962	5.86
%RSD	41.92	75.77	104.0	8.656

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1170.8	31746.	9314.9
Stddev	1.1	27.	21.0
%RSD	.09040	.08632	.22506

Sample Name: 460-46192-d-2-b Acquired: 10/24/2012 18:10:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	558.4	6.433	.4428	474.0	.0163	29220.
Stddev	4.0	1.382	.4266	.7	.0447	24.
%RSD	.7246	21.49	96.34	.1399	274.6	.0828

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0401	53.43	1.716	-.4538	37100.	5049.
Stddev	.1734	.34	.663	.0894	44.	19.
%RSD	432.6	.6285	38.66	19.69	.1191	.3741

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56100.	5932.	196700.	6.344	.2086	1.696
Stddev	158.	13.	316.	.995	.5217	5.634
%RSD	.2811	.2221	.1605	15.69	250.1	332.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.514	2.683	2.248	35.71	480.8	1.648
Stddev	1.280	3.103	.101	.16	2.8	.185
%RSD	36.42	115.6	4.502	.4357	.5786	11.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-d-2-b Acquired: 10/24/2012 18:10:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.849	312.2	15.13	8088.
Stddev	.761	.5	.73	46.
%RSD	41.13	.1706	4.801	.5650

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1079.8	28582.	9094.1
Stddev	2.2	90.	53.2
%RSD	.20595	.31387	.58547

Sample Name: 460-46192-d-3-b Acquired: 10/24/2012 18:14:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	320.5	.4904	.0443	285.9	.0125	45710.
Stddev	3.1	3.059	.1966	.8	.0758	171.
%RSD	.9748	623.9	443.8	.2637	605.4	.3748

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3108	2.478	1.050	.5365	337.2	5045.
Stddev	.1435	.256	.495	.5496	17.6	13.
%RSD	46.16	10.33	47.11	102.5	5.212	.2577

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23050.	101.4	95480.	19.68	-.7331	-1.689
Stddev	73.	.5	293.	.35	1.134	3.414
%RSD	.3181	.5298	.3064	1.769	154.7	202.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.387	-2.137	.4741	5.339	46.79	-.1126
Stddev	4.379	2.093	.2547	.242	.46	.0831
%RSD	99.80	97.94	53.73	4.533	.9815	73.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-d-3-b Acquired: 10/24/2012 18:14:02 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.440	438.0	8.035	7528.
Stddev	.481	.8	.040	64.
%RSD	33.42	.1752	.4911	.8476

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1108.4	29581.	9216.7
Stddev	.1	98.	74.9
%RSD	.01039	.33027	.81315

Sample Name: 460-46190-c-1-a Acquired: 10/24/2012 18:17:44 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127.3	-1.400	1.673	366.5	-.0731	F 331700.
Stddev	4.5	3.276	.527	1.3	.0798	1574.
%RSD	3.533	234.0	31.53	.3652	109.2	.4746

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3153	15.15	-2.443	4.455	18140.	28870.
Stddev	.0801	.32	.224	1.326	50.	84.
%RSD	25.40	2.086	9.183	29.75	.2781	.2911

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21530.	F 10660.	F 360800.	96.70	-.3104	-5.085
Stddev	77.	42.	3789.	.33	1.835	1.306
%RSD	.3561	.3960	1.050	.3417	591.1	25.69

Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.14	4.481	.2707	13.19	161.1	.8479
Stddev	1.86	1.522	.3528	.34	.8	.4782
%RSD	10.27	33.97	130.3	2.559	.5171	56.40

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-c-1-a Acquired: 10/24/2012 18:17:44 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.671	1927.	9.364	8082.
Stddev	1.067	4.	.909	46.
%RSD	63.87	.1896	9.705	.5696

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1013.2	26794.	8792.4
Stddev	2.8	109.	58.0
%RSD	.28041	.40843	.65932

Sample Name: 460-46190-c-2-a Acquired: 10/24/2012 18:21:40 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41.06	.9733	-.1565	56.14	.0007	93650.
Stddev	3.35	4.050	.6731	.52	.0119	196.
%RSD	8.161	416.2	430.2	.9273	1630.	.2092

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0917	1.539	-.3062	2.133	44.66	16440.
Stddev	.0966	.143	.2462	1.795	7.02	49.
%RSD	105.4	9.290	80.41	84.14	15.71	.2962

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10680.	8.954	21190.	1.525	2.466	-3.193
Stddev	39.	.620	70.	.582	1.159	2.880
%RSD	.3654	6.926	.3319	38.16	46.99	90.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.00	-1.107	.0143	5.654	375.9	.1060
Stddev	.75	4.418	.4595	.255	1.2	.1800
%RSD	4.667	399.0	3208.	4.514	.3140	169.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-c-2-a Acquired: 10/24/2012 18:21:40 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.496	450.1	4.579	5479.
Stddev	.528	.6	.391	37.
%RSD	35.32	.1328	8.540	.6823

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1102.8	29952.	9309.5
Stddev	3.6	82.	92.2
%RSD	.33007	.27328	.99059

Sample Name: 460-46190-c-3-a Acquired: 10/24/2012 18:25:23 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	130.3	.5162	-.6318	194.0	.0457	199600.
Stddev	5.1	.9380	.1267	1.0	.0883	750.
%RSD	3.931	181.7	20.06	.5186	193.0	.3757

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1025	-.4567	-1.374	2.352	17.31	22210.
Stddev	.1601	.2075	.361	.255	6.81	67.
%RSD	156.1	45.42	26.30	10.82	39.37	.3001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8269.	5.100	F 288400.	1.803	4.686	-.4783
Stddev	35.	.056	2269.	.749	2.684	.9080
%RSD	.4179	1.093	.7868	41.53	57.29	189.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.73	-2.487	.1032	3.398	146.7	-.2008
Stddev	3.48	6.731	.3108	.210	.9	.3061
%RSD	22.15	270.6	301.1	6.178	.5818	152.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-c-3-a Acquired: 10/24/2012 18:25:23 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.744	1668.	8.790	6599.
Stddev	.946	3.	.418	48.
%RSD	34.47	.1951	4.761	.7309

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1038.9	27705.	9059.4
Stddev	1.7	45.	78.2
%RSD	.16073	.16247	.86352

Sample Name: 460-46190-c-4-a Acquired: 10/24/2012 18:29:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	169.4	-2.852	-.4491	329.4	-.0327	F 369700.
Stddev	2.9	2.884	.3714	.5	.0233	5939.
%RSD	1.723	101.1	82.69	.1574	71.17	1.606

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2384	-.0641	17.73	.3833	129.2	21780.
Stddev	.3224	.4144	.52	.8913	7.2	50.
%RSD	135.2	646.5	2.943	232.6	5.541	.2315

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15440.	4.418	F 429100.	5.890	4.416	-7.830
Stddev	124.	.138	2945.	1.106	2.248	3.621
%RSD	.8052	3.115	.6863	18.78	50.92	46.24

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.73	-.0321	.1138	2.638	146.9	.6473
Stddev	5.54	3.051	.5450	.189	1.1	.0615
%RSD	29.58	9497.	478.8	7.168	.7701	9.499

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-c-4-a Acquired: 10/24/2012 18:29:14 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.581	2276.	14.04	4748.
Stddev	2.022	4.	.59	82.
%RSD	78.35	.1810	4.222	1.732

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	993.11	26378.	8830.5
Stddev	.54	57.	100.8
%RSD	.05415	.21510	1.1413

Sample Name: 460-46190-c-5-a Acquired: 10/24/2012 18:33:11 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.15	3.434	-4.666	80.32	-.0312	142800.
Stddev	4.91	3.427	.3544	.11	.0198	233.
%RSD	8.304	99.80	75.94	.1330	63.54	.1629

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1186	.1084	-.4865	.7625	11.67	9001.
Stddev	.1507	.1374	.4930	.4312	6.26	19.
%RSD	127.1	126.8	101.3	56.56	53.61	.2061

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18400.	3.713	162300.	1.436	.5153	-5.703
Stddev	85.	.099	1733.	1.100	1.905	.474
%RSD	.4644	2.662	1.068	76.59	369.7	8.309

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.828	-3.826	-.4110	.8440	204.3	.7388
Stddev	4.630	6.427	.1731	.1148	.3	.3080
%RSD	163.7	168.0	42.13	13.60	.1642	41.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-c-5-a Acquired: 10/24/2012 18:33:11 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8145	588.6	6.599	7471.
Stddev	1.289	1.5	.291	34.
%RSD	158.3	.2584	4.414	.4556

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1057.7	28349.	8999.1
Stddev	1.5	81.	46.1
%RSD	.13926	.28572	.51238

Sample Name: 460-46190-c-6-a Acquired: 10/24/2012 18:37:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.22	-.6606	-.8507	65.51	-.0158	101400.
Stddev	4.29	3.598	.5864	.58	.0435	244.
%RSD	9.292	544.6	68.94	.8822	274.8	.2402

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3108	-.3934	.6511	-.4320	14.09	5116.
Stddev	.0468	.4221	.2915	.7541	.20	6.
%RSD	15.07	107.3	44.77	174.6	1.403	.1227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26800.	1.556	226500.	2.183	1.258	-5.696
Stddev	49.	.031	837.	.180	1.043	3.656
%RSD	.1826	1.986	.3698	8.262	82.93	64.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.957	-3.317	-.0059	1.576	252.8	.5675
Stddev	4.313	2.473	.8818	.227	1.2	.0492
%RSD	61.99	74.55	14860.	14.38	.4847	8.674

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-c-6-a Acquired: 10/24/2012 18:37:02 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.050	673.4	4.900	11380.
Stddev	1.822	2.1	.746	88.
%RSD	173.4	.3124	15.23	.7690

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1050.3	28047.	9070.5
Stddev	1.2	21.	28.6
%RSD	.11385	.07614	.31576

Sample Name: 460-46190-a-7-a Acquired: 10/24/2012 18:40:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.84	.9081	-.2687	.3332	.0367	472.4
Stddev	3.77	2.189	.3759	.0987	.0132	9.1
%RSD	31.84	241.1	139.9	29.62	36.11	1.920

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1071	-.0425	-.1556	1.800	5.848	73.54
Stddev	.0979	.1073	.1496	1.390	4.571	12.75
%RSD	91.40	252.5	96.17	77.25	78.16	17.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	259.0	.2862	1829.	.2031	-.1176	-3.690
Stddev	6.8	.0489	38.	.1539	1.927	2.188
%RSD	2.644	17.07	2.063	75.77	1638.	59.30

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5121	-2.444	-.6328	.7932	107.9	-.0688
Stddev	1.732	1.885	.2343	.1073	.8	.4243
%RSD	338.3	77.15	37.02	13.53	.7264	616.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-a-7-a Acquired: 10/24/2012 18:40:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.147	5.685	-.4752	109.6
Stddev	.516	.098	.7840	2.5
%RSD	44.97	1.725	165.0	2.270

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1158.9	31742.	9464.9
Stddev	2.3	81.	15.1
%RSD	.20181	.25378	.15952

Sample Name: CCV Acquired: 10/24/2012 18:44:37 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	2453.	1213.	9990.	971.3	126600.
Stddev	436.	9.	2.	26.	3.5	386.
%RSD	.3602	.3484	.1885	.2635	.3566	.3049

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2485.	4912.	12160.	97750.	49020.
Stddev	3.	8.	15.	32.	319.	167.
%RSD	.2228	.3124	.2977	.2604	.3262	.3406

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	4964.	123500.	2495.	7508.	986.5
Stddev	429.	11.	475.	8.	33.	9.4
%RSD	.3543	.2268	.3846	.3269	.4398	.9493

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2438.	2512.	2447.	2431.	983.5	2485.
Stddev	7.	7.	10.	8.	6.4	7.
%RSD	.2981	.2596	.3984	.3413	.6498	.2855

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/24/2012 18:44:37 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	988.4	4985.	9832.	10140.
Stddev	2.2	16.	30.	54.
%RSD	.2230	.3230	.3059	.5354

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1040.8	28066.	8962.0
Stddev	1.9	37.	55.1
%RSD	.18048	.13295	.61495

Sample Name: CCB Acquired: 10/24/2012 18:48:11 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.32	3.549	-.3657	.3023	.1062	9.621
Stddev	10.79	2.532	.4218	.2823	.0965	12.25
%RSD	87.57	71.35	115.3	93.39	90.91	127.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1143	-.1803	.1012	-.5522	13.37	50.05
Stddev	.1192	.0799	.0698	1.922	9.33	10.26
%RSD	104.3	44.32	69.00	348.0	69.79	20.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.963	.2886	44.84	.5422	-1.138	-.8314
Stddev	11.04	.2349	22.35	.2671	1.390	2.330
%RSD	123.1	81.38	49.83	49.27	122.2	280.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.134	-1.111	-.3374	.3631	1.560	1.734
Stddev	7.764	2.399	.5057	.1229	.476	.500
%RSD	247.7	215.9	149.9	33.84	30.52	28.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/24/2012 18:48:11 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.203	.4373	.8347	-4.930
Stddev	.794	.3644	.3979	3.488
%RSD	66.05	83.33	47.67	70.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1164.4	31589.	9281.7
Stddev	3.0	33.	20.2
%RSD	.26159	.10485	.21761

Sample Name: 460-46190-a-8-a Acquired: 10/24/2012 18:51:58 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.081	.9447	-.6144	.6506	.0308	484.9
Stddev	2.757	1.719	.3788	.0509	.0369	2.9
%RSD	34.12	182.0	61.65	7.821	119.6	.5908

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1287	.0178	-.3657	.3201	6.376	65.59
Stddev	.1093	.0508	.3658	1.198	3.111	17.36
%RSD	84.93	286.1	100.0	374.4	48.78	26.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	267.3	.3558	1752.	.6660	-1.637	-2.042
Stddev	6.4	.0768	7.	.4728	1.446	2.249
%RSD	2.388	21.59	.4103	70.98	88.33	110.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.337	-2.284	-.0880	1.412	109.7	.2777
Stddev	2.943	1.459	.5184	.163	.3	.2867
%RSD	55.15	63.88	589.3	11.55	.2571	103.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46190-a-8-a Acquired: 10/24/2012 18:51:58 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.354	5.792	.1179	101.3
Stddev	.614	.024	.6648	8.5
%RSD	45.35	.4088	563.7	8.361

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1160.8	31689.	9389.3
Stddev	1.8	49.	29.1
%RSD	.15542	.15387	.31038

Sample Name: 460-46194-d-1-a Acquired: 10/24/2012 18:55:42 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.13	-.2215	-.1801	15.76	.0305	21160.
Stddev	2.63	.8739	.3940	.23	.0678	51.
%RSD	15.36	394.5	218.8	1.459	222.2	.2433

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1345	.0877	-.1322	-.2149	136.0	2634.
Stddev	.0724	.5760	.1492	1.125	7.0	12.
%RSD	53.80	656.9	112.8	523.4	5.110	.4552

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3154.	988.7	23550.	.6268	-.1513	.0656
Stddev	7.	3.5	20.	.6016	2.154	1.193
%RSD	.2074	.3554	.0843	95.99	1423.	1819.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.599	-1.474	-.4032	1.896	42.11	.1124
Stddev	.815	3.828	.5642	.230	.79	.1103
%RSD	14.56	259.7	139.9	12.11	1.887	98.13

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46194-d-1-a Acquired: 10/24/2012 18:55:42 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9584	111.3	1.133	4030.
Stddev	.0137	.3	.616	11.
%RSD	1.425	.2798	54.35	.2662

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1125.9	30520.	9293.6
Stddev	4.1	37.	23.7
%RSD	.36688	.12043	.25470

Sample Name: 460-46188-d-2-a Acquired: 10/24/2012 18:59:24 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	851.6	2.794	-.2999	63.98	.3887	3087.
Stddev	2.9	.249	.1297	.20	.0398	4.
%RSD	.3448	8.902	43.24	.3157	10.25	.1135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0599	6.131	17.72	2.126	13960.	7098.
Stddev	.0966	.194	.30	1.074	49.	15.
%RSD	161.2	3.163	1.697	50.53	.3490	.2055

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1988.	287.4	11660.	23.02	-1.048	.5111
Stddev	3.	.3	20.	.86	1.264	2.905
%RSD	.1570	.1008	.1679	3.724	120.5	568.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4876	-3.235	9.023	24.92	199.0	1.800
Stddev	.6532	2.858	.352	.53	.5	.313
%RSD	134.0	88.34	3.899	2.123	.2718	17.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46188-d-2-a Acquired: 10/24/2012 18:59:24 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.135	26.66	23.04	5553.
Stddev	.901	.06	.45	30.
%RSD	79.32	.2282	1.955	.5344

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1150.5	31088.	9379.1
Stddev	.1	6.	45.9
%RSD	.00585	.01992	.48931

Sample Name: 460-46188-d-4-a Acquired: 10/24/2012 19:03:06 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487.7	1.632	-.2962	79.51	.3278	5138.
Stddev	4.8	1.373	.1726	.22	.0081	12.
%RSD	.9859	84.09	58.27	.2780	2.484	.2429

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0682	13.75	2.166	-1.505	24570.	7140.
Stddev	.0328	.22	.288	.563	54.	26.
%RSD	48.03	1.612	13.30	37.41	.2186	.3589

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2701.	352.4	5006.	17.84	-2.123	-.3997
Stddev	10.	.7	11.	.28	2.571	3.791
%RSD	.3678	.1983	.2141	1.593	121.1	948.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.969	-2.360	1.879	58.56	41.80	-.2182
Stddev	1.153	2.770	.083	.24	.30	.2559
%RSD	58.56	117.4	4.432	.4150	.7194	117.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46188-d-4-a Acquired: 10/24/2012 19:03:06 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.717	41.76	9.519	6127.
Stddev	.967	.08	1.479	36.
%RSD	56.31	.1858	15.53	.5913

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1151.4	31296.	9419.1
Stddev	3.8	101.	41.6
%RSD	.32828	.32424	.44206

Sample Name: 460-46188-a-5-a Acquired: 10/24/2012 19:06:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3882.	13.07	-8072	90.82	.6956	6722.
Stddev	13.	1.45	.5153	.38	.0311	14.
%RSD	.3406	11.06	63.84	.4236	4.473	.2032

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0597	14.37	10.98	4.342	30830.	6290.
Stddev	.2235	.17	.62	1.700	92.	8.
%RSD	374.3	1.183	5.614	39.16	.2985	.1308

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3363.	525.8	4717.	18.35	5.203	.1018
Stddev	12.	1.7	12.	1.04	.531	1.753
%RSD	.3569	.3163	.2498	5.650	10.20	1721.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.273	-3.768	36.54	67.30	40.83	-.1931
Stddev	5.242	3.079	.31	.40	.34	.3730
%RSD	160.2	81.72	.8449	.5879	.8213	193.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46188-a-5-a Acquired: 10/24/2012 19:06:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.643	59.53	114.5	9818.
Stddev	.818	.18	.9	23.
%RSD	30.93	.3039	.7744	.2378

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1158.3	31480.	9544.0
Stddev	.4	54.	24.1
%RSD	.03598	.17285	.25241

Sample Name: 460-46225-e-6-b Acquired: 10/24/2012 19:10:28 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	563.3	-7.107	-1.064	648.1	-0.724	F 277000.
Stddev	5.9	6.432	.8103	2.7	.0309	2265.
%RSD	1.054	905.1	761.2	.4221	42.69	.8178

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3474	.8143	-1.030	6.486	9343.	F 122800.
Stddev	.1020	.6287	.193	.719	71.	998.
%RSD	29.35	77.21	18.76	11.08	.7619	.8127

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 345500.	772.3	F 1147000.	2.612	11.36	-7.752
Stddev	3637.	7.0	33120.	.610	2.05	3.523
%RSD	1.053	.9116	2.889	23.37	18.07	45.44

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.70	-4.557	1.971	17.37	1348.	.8324
Stddev	2.62	6.643	.059	.57	8.	.2527
%RSD	19.09	145.8	3.002	3.307	.5914	30.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-6-b Acquired: 10/24/2012 19:10:28 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.410	3149.	31.29	15240.
Stddev	.223	9.	.20	124.
%RSD	4.123	.2721	.6544	.8128

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	846.80	22222.	8280.2
Stddev	4.78	97.	95.3
%RSD	.56465	.43608	1.1506

Sample Name: 460-46225-e-7-b Acquired: 10/24/2012 19:14:23 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14830.	.8612	.1342	1622.	.7351	178200.
Stddev	57.	3.850	.3789	4.	.0550	482.
%RSD	.3829	447.0	282.4	.2196	7.485	.2707

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1624	11.07	25.85	55.87	49140.	29780.
Stddev	.1023	.23	.47	1.21	195.	114.
%RSD	62.99	2.035	1.826	2.171	.3967	.3820

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45300.	1398.	F 425000.	24.98	131.2	-4.173
Stddev	214.	5.	4013.	.31	2.9	3.061
%RSD	.4734	.3737	.9441	1.231	2.235	73.35

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.731	-3.070	35.09	133.7	349.9	2.246
Stddev	1.903	2.230	.81	.5	1.0	.309
%RSD	28.27	72.63	2.311	.3532	.2977	13.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-7-b Acquired: 10/24/2012 19:14:23 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.012	1278.	911.1	F 39340.
Stddev	.899	4.	2.7	404.
%RSD	14.95	.2752	.2955	1.026

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1021.6	27427.	9102.3
Stddev	3.4	103.	104.3
%RSD	.33627	.37583	1.1461

Sample Name: 460-46225-e-8-b Acquired: 10/24/2012 19:18:10 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1712.	-3.881	.8077	295.5	.0837	F 258800.
Stddev	17.	4.382	.8652	1.0	.0326	1398.
%RSD	.9990	112.9	107.1	.3501	38.96	.5403

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2887	5.050	1.012	16.38	6756.	F 126000.
Stddev	.2765	.088	.704	1.30	64.	82.
%RSD	95.77	1.752	69.59	7.944	.9495	.0654

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 369900.	4496.	F 1117000.	7.064	16.64	-9.345
Stddev	3952.	28.	27900.	.503	2.01	2.590
%RSD	1.068	.6172	2.499	7.122	12.09	27.71

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.13	-4.521	4.587	32.97	1441.	5.747
Stddev	9.54	.630	.387	.22	7.	.285
%RSD	94.23	13.94	8.441	.6561	.4595	4.957

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-8-b Acquired: 10/24/2012 19:18:10 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.308	3148.	98.14	14210.
Stddev	.913	2.	1.46	108.
%RSD	27.60	.0776	1.488	.7628

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	834.56	22208.	8446.3
Stddev	4.01	21.	91.1
%RSD	.48015	.09385	1.0781

Sample Name: 460-46225-e-9-a@2 Acquired: 10/24/2012 19:22:01 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	161000.	76.45	.3276	1938.	9.722	F 262000.
Stddev	991.	4.68	.3382	12.	.024	2820.
%RSD	.6154	6.124	103.2	.5967	.2449	1.076

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.287	162.5	308.8	539.4	F 251300.	54850.
Stddev	.405	.5	2.9	5.8	1826.	211.
%RSD	5.562	.2983	.9242	1.075	.7268	.3837

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122900.	8897.	F 487100.	342.7	1128.	4.684
Stddev	830.	55.	1342.	.7	5.	3.791
%RSD	.6750	.6214	.2755	.2001	.4049	80.95

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.164	-5.671	337.0	2559.	375.4	11.17
Stddev	3.069	2.056	2.6	19.	1.0	.69
%RSD	49.80	36.26	.7645	.7427	.2651	6.139

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-9-a@2 Acquired: 10/24/2012 19:22:01 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	57.18	2176.	4058.	F 39730.
Stddev	1.13	9.	20.	4118.
%RSD	1.967	.4306	.4886	10.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1167.3	31856.	11012.
Stddev	5.5	76.	37.
%RSD	.46765	.23929	.33939

Sample Name: 460-46225-e-9-a@5 Acquired: 10/24/2012 19:25:51 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	70090.	31.16	-2663	884.6	4.365	133300.
Stddev	69.	4.40	.4270	1.8	.025	105.
%RSD	.0983	14.11	160.4	.2020	.5702	.0787

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.182	75.50	143.5	233.4	116700.	23990.
Stddev	.127	.08	.6	.4	107.	37.
%RSD	5.833	.0999	.4164	.1521	.0912	.1531

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56600.	4210.	F 254300.	159.3	527.3	2.609
Stddev	49.	2.	2244.	1.5	4.2	3.541
%RSD	.0866	.0537	.8822	.9256	.7947	135.7

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.163	-1.589	153.0	1203.	169.1	4.966
Stddev	4.124	6.359	.7	2.	1.2	.543
%RSD	190.6	400.2	.4655	.1931	.7005	10.93

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-9-a@5 Acquired: 10/24/2012 19:25:51 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	27.73	962.2	1824.	17200.
Stddev	1.38	2.4	1.	1635.
%RSD	4.975	.2446	.0562	9.507

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1121.7	30265.	9925.4
Stddev	1.6	12.	56.5
%RSD	.13984	.03902	.56920

Sample Name: CCV Acquired: 10/24/2012 19:29:36 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	2467.	1210.	10010.	964.3	126900.
Stddev	285.	15.	4.	21.	2.0	255.
%RSD	.2350	.6069	.3175	.2136	.2111	.2005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1237.	2487.	4848.	12150.	96640.	49260.
Stddev	3.	10.	22.	15.	432.	81.
%RSD	.2772	.4141	.4437	.1230	.4474	.1636

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119500.	4914.	124400.	2498.	7500.	1002.
Stddev	719.	17.	167.	9.	22.	4.
%RSD	.6015	.3442	.1339	.3455	.2950	.4089

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2471.	2517.	2431.	2396.	997.4	2496.
Stddev	7.	17.	8.	8.	3.6	5.
%RSD	.2665	.6625	.3454	.3336	.3595	.2119

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/24/2012 19:29:36 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	984.9	4988.	9794.	10460.
Stddev	3.4	13.	13.	169.
%RSD	.3479	.2557	.1342	1.619

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1027.5	28141.	9079.6
Stddev	1.9	29.	22.1
%RSD	.18485	.10149	.24368

Sample Name: CCB Acquired: 10/24/2012 19:33:11 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.95	1.098	-.1112	.5595	.1156	16.06
Stddev	10.51	3.438	.4434	.1817	.0223	10.51
%RSD	47.88	313.2	398.8	32.48	19.29	65.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1738	.0598	.0865	1.839	9.663	112.3
Stddev	.1258	.1513	.4873	1.949	5.235	16.4
%RSD	72.39	253.1	563.4	106.0	54.17	14.59

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.17	.5033	212.7	-.1027	.8518	-1.110
Stddev	11.71	.3288	29.4	.2724	2.153	1.865
%RSD	115.1	65.34	13.81	265.2	252.8	167.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0089	-.6393	-.4500	.3654	2.407	1.751
Stddev	3.290	3.521	.2865	.5160	.738	.353
%RSD	36980.	550.8	63.67	141.2	30.68	20.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/24/2012 19:33:11 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.268	.5069	1.217	36.01
Stddev	.597	.3262	.293	20.01
%RSD	47.08	64.35	24.10	55.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1146.6	31644.	9489.6
Stddev	1.2	56.	7.2
%RSD	.10813	.17549	.07605

Sample Name: mb 460-133340/1-b Acquired: 10/24/2012 19:36:56 Type: QC

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-12.61	-.4690	-.2897	.1968	.0437	2.953
Stddev	7.74	3.586	.3121	.1301	.0354	1.535
%RSD	61.36	764.7	107.7	66.12	81.11	51.99

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1356	-.0206	-.4573	-.7258	10.77	66.74
Stddev	.0891	.3754	.3212	.8168	3.25	14.07
%RSD	65.73	1819.	70.23	112.5	30.15	21.08

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.447	.1319	152.6	.6433	-.9752	2.594
Stddev	1.752	.0289	8.3	.0633	1.160	1.909
%RSD	20.74	21.91	5.415	9.844	119.0	73.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.752	-4.846	-.4734	1.782	4.009	.0006
Stddev	3.744	3.868	.1633	.380	.567	.1085
%RSD	213.7	79.81	34.50	21.31	14.15	16710.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133340/1-b Acquired: 10/24/2012 19:36:56 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.835	.0745	-.2192	81.32
Stddev	1.039	.0310	.2254	16.60
%RSD	56.63	41.67	102.8	20.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1150.2	31865.	9576.7
Stddev	4.5	30.	35.0
%RSD	.39250	.09499	.36505

Sample Name: lcs 460-133365/2-a Acquired: 10/24/2012 19:40:41 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1963.	1953.	46.73	2132.	49.96	21650.
Stddev	6.	6.	.23	2.	.21	34.
%RSD	.3144	.3143	.4939	.1116	.4133	.1587

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.79	520.2	202.6	245.7	1017.	19950.
Stddev	.11	.8	.7	2.2	14.	52.
%RSD	.2032	.1556	.3245	.9051	1.402	.2594

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19810.	523.8	20760.	526.8	527.5	482.6
Stddev	48.	.4	28.	.9	1.1	3.3
%RSD	.2409	.0689	.1339	.1785	.2049	.6895

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1940.	2233.	501.4	498.2	507.1	500.8
Stddev	2.	4.	1.3	1.9	1.2	1.7
%RSD	.0842	.1640	.2527	.3877	.2319	.3332

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-133365/2-a Acquired: 10/24/2012 19:40:41 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	513.5	500.7	496.8	162.4
Stddev	1.6	.7	2.7	62.4
%RSD	.3154	.1468	.5368	38.43

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1101.1	30269.	9442.9
Stddev	1.3	46.	11.9
%RSD	.11417	.15093	.12575

Sample Name: 460-46192-e-4-e du Acquired: 10/24/2012 19:44:17 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.31	3.130	.1749	110.0	.1820	43750.
Stddev	.78	2.355	.0476	.5	.0028	52.
%RSD	2.874	75.24	27.18	.4121	1.545	.1179

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7087	23.83	-.3989	.7764	16.41	5081.
Stddev	.1046	.20	.3639	.8857	5.81	27.
%RSD	14.76	.8377	91.23	114.1	35.42	.5331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28640.	1430.	91250.	25.69	2.127	1.881
Stddev	99.	4.	155.	1.09	1.103	2.460
%RSD	.3472	.2529	.1695	4.234	51.87	130.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.63	-4.096	1.226	45.63	158.7	.9500
Stddev	2.53	4.794	.060	.42	.7	.3028
%RSD	23.80	117.0	4.904	.9277	.4167	31.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-4-e du Acquired: 10/24/2012 19:44:17 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.320	293.9	1.509	8246.
Stddev	1.600	.2	.287	33.
%RSD	121.2	.0581	19.04	.4027

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1082.7	29600.	9438.1
Stddev	1.8	19.	21.0
%RSD	.16736	.06280	.22199

Sample Name: 460-46192-e-4-d Acquired: 10/24/2012 19:47:59 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.90	1.889	.1208	107.6	.1841	42990.
Stddev	2.07	1.059	.3589	.4	.0397	33.
%RSD	8.004	56.05	297.1	.3698	21.55	.0766

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7837	23.64	-.2733	.6712	13.04	4965.
Stddev	.2429	.04	.7951	.9202	6.67	12.
%RSD	30.99	.1883	290.9	137.1	51.13	.2418

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28100.	1403.	89390.	26.76	1.221	1.218
Stddev	41.	2.	49.	1.02	2.232	.528
%RSD	.1455	.1437	.0554	3.792	182.8	43.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.558	-.1492	.5866	45.43	155.4	.6216
Stddev	2.609	.9121	.1825	.44	1.0	.3555
%RSD	39.78	611.5	31.11	.9793	.6322	57.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-4-d Acquired: 10/24/2012 19:47:59 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.596	287.8	1.602	8024.
Stddev	1.094	.3	.408	35.
%RSD	68.57	.1147	25.44	.4398

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1081.4	29509.	9375.8
Stddev	2.4	34.	15.5
%RSD	.22607	.11455	.16527

Sample Name: sd 460-46192-e-4-d@5 Acquired: 10/24/2012 19:51:41 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.71	2.251	-.3935	21.49	.1185	8540.
Stddev	2.80	2.817	.4092	.22	.0298	15.
%RSD	26.19	125.2	104.0	1.044	25.18	.1702

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1807	4.701	-.4101	-.0269	4.542	1004.
Stddev	.1575	.111	.3482	.8462	2.465	9.
%RSD	87.14	2.361	84.91	3144.	54.28	.8551

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5664.	287.0	17880.	5.178	-.7318	-1.828
Stddev	11.	.6	34.	.480	1.633	1.810
%RSD	.1928	.1926	.1901	9.281	223.2	99.03

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.148	-.7063	-.0808	9.412	31.00	-.0053
Stddev	2.297	2.434	.3503	.312	.94	.4067
%RSD	200.1	344.6	433.5	3.318	3.030	7666.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-46192-e-4-d@5 Acquired: 10/24/2012 19:51:41 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7968	57.41	-.1241	1513.
Stddev	1.167	.13	.5579	6.
%RSD	146.4	.2301	449.5	.3854

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1128.7	30727.	9415.0
Stddev	.9	4.	12.5
%RSD	.07786	.01454	.13241

Sample Name: 460-46192-e-4-f.ms Acquired: 10/24/2012 19:55:23 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1995.	2023.	48.30	2242.	50.64	66460.
Stddev	12.	7.	1.03	3.	.24	202.
%RSD	.6213	.3319	2.141	.1217	.4680	.3044

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.36	540.8	203.2	249.3	1039.	25470.
Stddev	.17	.7	1.0	1.1	7.	112.
%RSD	.3275	.1247	.4947	.4466	.7156	.4396

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49300.	1969.	113700.	546.0	518.6	499.2
Stddev	159.	3.	235.	1.2	2.3	2.7
%RSD	.3227	.1443	.2068	.2139	.4379	.5409

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2007.	2162.	507.1	544.7	682.8	506.5
Stddev	5.	11.	2.4	1.6	1.4	.7
%RSD	.2451	.5186	.4806	.2885	.2014	.1288

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-4-f.ms Acquired: 10/24/2012 19:55:23 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	512.8	805.4	503.4	8629.
Stddev	2.8	1.6	.9	32.
%RSD	.5433	.1934	.1743	.3672

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1062.1	29092.	9334.8
Stddev	.5	26.	36.0
%RSD	.05006	.08970	.38523

Sample Name: pds 460-46192-e-4-d Acquired: 10/24/2012 19:58:57 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1862.	1885.	45.22	2095.	46.97	62160.
Stddev	4.	4.	.12	5.	.04	116.
%RSD	.1917	.1920	.2604	.2490	.0889	.1871

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.76	503.7	190.1	230.7	968.7	23780.
Stddev	.15	1.2	.6	1.7	10.6	34.
%RSD	.3176	.2466	.3148	.7199	1.091	.1418

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46270.	1852.	106700.	508.8	485.5	460.7
Stddev	140.	3.	148.	1.7	1.9	5.4
%RSD	.3016	.1378	.1387	.3330	.3887	1.173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1875.	2033.	473.6	510.8	637.6	470.7
Stddev	3.	12.	1.4	.7	.0	1.1
%RSD	.1619	.6068	.3017	.1464	.0069	.2403

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-46192-e-4-d Acquired: 10/24/2012 19:58:57 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	480.1	750.6	468.9	8227.
Stddev	1.9	2.0	2.0	101.
%RSD	.4017	.2710	.4318	1.229

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1067.4	29186.	9465.5
Stddev	.3	12.	45.6
%RSD	.02708	.04217	.48227

Sample Name: 460-46192-e-1-b Acquired: 10/24/2012 20:02:31 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.81	-.1542	.2143	606.1	-.0051	103700.
Stddev	2.97	4.276	.3149	1.5	.0060	275.
%RSD	6.618	2772.	147.0	.2457	118.6	.2651

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2874	.0809	.5234	-1.260	36550.	2198.
Stddev	.1764	.4282	.4175	.611	123.	17.
%RSD	61.38	529.1	79.76	48.50	.3359	.7724

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	130900.	3269.	F 256400.	2.594	-.3764	-.7427
Stddev	561.	9.	2719.	.567	3.030	1.980
%RSD	.4286	.2900	1.061	21.84	805.1	266.6

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.08	-1.163	-.0849	3.353	6.081	.1130
Stddev	5.20	2.161	.6192	.458	.291	.4389
%RSD	39.78	185.8	729.6	13.66	4.793	388.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-1-b Acquired: 10/24/2012 20:02:31 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.912	963.0	2.410	11430.
Stddev	.824	.8	.383	42.
%RSD	28.28	.0874	15.90	.3668

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1006.4	27433.	9067.2
Stddev	3.0	10.	67.2
%RSD	.29870	.03823	.74128

Sample Name: 460-46192-e-2-b Acquired: 10/24/2012 20:06:20 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.53	-1.048	1.160	432.8	.0079	30440.
Stddev	4.77	3.099	.258	1.0	.0118	72.
%RSD	32.82	295.8	22.19	.2401	149.1	.2374

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0561	54.92	.2782	-.3431	13050.	5236.
Stddev	.2836	.28	.5877	.6698	58.	11.
%RSD	505.2	.5172	211.3	195.2	.4476	.2169

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	58110.	6016.	205500.	6.366	-.1919	1.722
Stddev	146.	14.	2263.	.661	1.257	5.631
%RSD	.2508	.2359	1.101	10.38	655.1	327.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.476	-3.431	-.1037	22.60	513.5	1.262
Stddev	.835	1.442	.2450	.24	1.2	.324
%RSD	15.25	42.02	236.3	1.062	.2270	25.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-2-b Acquired: 10/24/2012 20:06:20 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6095	323.3	.1990	7176.
Stddev	.9003	.5	.7745	28.
%RSD	147.7	.1622	389.2	.3863

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1047.6	28409.	9235.2
Stddev	3.5	42.	13.1
%RSD	.33291	.14858	.14229

Sample Name: 460-46192-e-3-b Acquired: 10/24/2012 20:10:08 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.96	-1.870	-.9473	300.5	.0532	48160.
Stddev	7.58	1.000	.3123	.9	.0338	158.
%RSD	69.17	535.0	32.97	.2943	63.44	.3274

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4373	2.247	.5032	.3670	21.65	5325.
Stddev	.1019	.255	.5880	.3748	3.05	11.
%RSD	23.30	11.36	116.8	102.1	14.10	.1984

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23760.	104.5	100800.	20.90	-.5917	-.3055
Stddev	34.	.1	164.	.47	.4596	.7156
%RSD	.1438	.1140	.1624	2.236	77.67	234.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.559	-1.309	-.1374	4.299	46.99	.0759
Stddev	.451	4.318	.4138	.150	.64	.3842
%RSD	6.872	329.8	301.2	3.495	1.365	506.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-3-b Acquired: 10/24/2012 20:10:08 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8614	463.8	2.469	7687.
Stddev	.8465	1.6	.390	32.
%RSD	98.26	.3426	15.78	.4155

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1072.0	29372.	9374.7
Stddev	3.3	10.	8.6
%RSD	.31057	.03520	.09219

Sample Name: CCV Acquired: 10/24/2012 20:13:49 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	2477.	1222.	10090.	964.4	127100.
Stddev	74.	1.	1.	18.	.7	101.
%RSD	.0609	.0519	.1038	.1805	.0688	.0797

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1249.	2503.	4896.	12170.	97270.	49530.
Stddev	1.	4.	15.	23.	247.	9.
%RSD	.1031	.1504	.3021	.1888	.2541	.0174

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120500.	4952.	124900.	2514.	7565.	1012.
Stddev	254.	7.	128.	6.	21.	5.
%RSD	.2111	.1372	.1023	.2326	.2715	.4629

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2490.	2538.	2455.	2422.	1000.	2513.
Stddev	8.	11.	4.	5.	5.	4.
%RSD	.3117	.4312	.1829	.2139	.4640	.1516

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/24/2012 20:13:49 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	994.3	5035.	9833.	10280.
Stddev	2.2	43.	5.	129.
%RSD	.2203	.8545	.0518	1.252

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1019.7	27927.	9008.6
Stddev	1.3	61.	24.8
%RSD	.12890	.22003	.27504

Sample Name: CCB Acquired: 10/24/2012 20:17:24 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.96	.7720	-.4255	.3953	.0769	9.072
Stddev	14.03	1.130	.2256	.1150	.0778	12.13
%RSD	82.75	146.4	53.02	29.08	101.2	133.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1563	-.0754	-.2705	.8235	8.264	62.04
Stddev	.1809	.0974	.6871	1.338	16.44	10.26
%RSD	115.8	129.2	254.0	162.4	199.0	16.53

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.15	.3096	73.97	-.1141	-.6117	-.9279
Stddev	3.28	.2448	22.03	.6388	1.961	.8315
%RSD	27.01	79.06	29.79	560.1	320.5	89.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.744	-1.631	-.4774	.4476	1.880	1.946
Stddev	.315	3.883	.1531	.1820	.371	.192
%RSD	5.484	238.1	32.06	40.67	19.73	9.869

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/24/2012 20:17:24 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.855	.3782	1.056	5.824
Stddev	1.057	.3242	.271	16.20
%RSD	56.99	85.73	25.65	278.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1144.2	31427.	9311.6
Stddev	1.6	85.	43.6
%RSD	.14306	.27066	.46872

Sample Name: 460-46225-d-6-b Acquired: 10/24/2012 20:21:10 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	108.1	-4.350	-6041	632.5	-0.135	F 290000.
Stddev	8.4	3.428	.2384	2.1	.0238	971.
%RSD	7.807	78.80	39.46	.3380	176.7	.3348

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0729	.7072	-2.767	2.200	-4.892	F 130500.
Stddev	.1552	.2708	.471	.969	8.579	669.
%RSD	212.9	38.29	17.01	44.05	175.4	.5125

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 360900.	795.0	F 1113000.	2.100	4.402	-7.476
Stddev	3551.	4.3	59430.	.546	1.930	1.498
%RSD	.9840	.5408	5.338	25.98	43.85	20.04

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.916	-5.157	.2887	4.545	1417.	1.395
Stddev	8.128	.974	.3455	.301	4.	.293
%RSD	91.17	18.88	119.7	6.627	.2871	20.99

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-6-b Acquired: 10/24/2012 20:21:10 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.666	3324.	11.10	14610.
Stddev	.609	5.	.39	81.
%RSD	22.85	.1498	3.498	.5531

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	831.44	21945.	8261.2
Stddev	.39	102.	38.0
%RSD	.04665	.46322	.46047

Sample Name: 460-46225-d-7-b Acquired: 10/24/2012 20:25:07 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	73.81	2.343	-4.756	1236.	.0311	183800.
Stddev	6.55	3.390	.2621	1.	.0574	822.
%RSD	8.876	144.7	55.11	.0686	184.7	.4475

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2536	.7161	-1.368	.1806	569.2	30290.
Stddev	.0935	.7333	.486	.7167	6.2	59.
%RSD	36.85	102.4	35.54	396.8	1.095	.1939

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41850.	1081.	F 452500.	2.386	3.286	-3.026
Stddev	100.	1.	3747.	.491	1.514	2.869
%RSD	.2396	.0522	.8281	20.58	46.06	94.82

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.844	-7.451	-4.350	3.604	387.4	2.630
Stddev	4.118	2.961	.5049	.548	.7	.368
%RSD	52.50	39.73	116.1	15.22	.1699	13.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-7-b Acquired: 10/24/2012 20:25:07 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9933	1351.	7.941	15670.
Stddev	.4595	4.	.470	107.
%RSD	46.26	.3280	5.914	.6793

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	978.78	26471.	8950.6
Stddev	2.87	25.	91.1
%RSD	.29281	.09322	1.0177

Sample Name: 460-46225-d-8-b Acquired: 10/24/2012 20:28:56 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120.2	.7968	.6763	297.0	-.0249	F 294800.
Stddev	12.4	2.031	.1341	1.6	.0210	1553.
%RSD	10.32	254.9	19.83	.5375	84.05	.5270

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1844	4.845	-3.105	2.130	1.572	F 147000.
Stddev	.3700	.332	1.104	.738	4.123	519.
%RSD	200.6	6.852	35.56	34.66	262.3	.3532

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 424200.	5146.	F 1064000.	3.875	1.376	-9.051
Stddev	6468.	44.	36170.	1.510	3.494	2.361
%RSD	1.525	.8473	3.399	38.97	253.8	26.08

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.99	-.2311	.4095	6.653	1682.	6.302
Stddev	2.83	.3896	.8756	.215	6.	.794
%RSD	20.26	168.6	213.9	3.234	.3354	12.60

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-8-b Acquired: 10/24/2012 20:28:56 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.540	3624.	9.765	12740.
Stddev	2.460	44.	.556	144.
%RSD	96.84	1.206	5.696	1.127

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	797.07	21376.	8331.4
Stddev	3.75	19.	132.2
%RSD	.47066	.09106	1.5867

Sample Name: 460-46225-d-9-b@2 Acquired: 10/24/2012 20:33:02 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65.62	4.855	-.2946	178.8	-.0002	146200.
Stddev	5.89	2.087	.3331	.9	.0688	257.
%RSD	8.979	42.99	113.1	.4949	38240.	.1758

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0517	-.2836	-1.130	.7935	-10.36	35530.
Stddev	.1336	.0661	.626	.6791	4.89	27.
%RSD	258.6	23.31	55.41	85.59	47.23	.0758

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	85620.	2068.	F 651000.	1.447	1.168	-4.443
Stddev	232.	5.	2670.	1.128	.844	.829
%RSD	.2714	.2504	.4101	77.97	72.28	18.66

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.978	-4.557	3.696	1.305	406.6	5.460
Stddev	3.148	1.340	.167	.356	1.3	.300
%RSD	39.46	29.40	4.521	27.25	.3201	5.496

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-9-b@2 Acquired: 10/24/2012 20:33:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.219	1294.	6.667	8009.
Stddev	.677	2.	.957	54.
%RSD	55.58	.1420	14.35	.6788

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	965.01	25594.	8691.6
Stddev	2.07	49.	94.8
%RSD	.21432	.19021	1.0911

Sample Name: 460-46225-d-9-b@5 Acquired: 10/24/2012 20:36:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28.24	1.525	-1.079	71.15	-.1081	59590.
Stddev	4.80	3.020	.328	.51	.0330	95.
%RSD	17.00	198.0	30.39	.7113	30.52	.1596

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2040	-.3524	-.3863	.6747	-1.888	13630.
Stddev	.1841	.2103	.5516	1.529	3.121	55.
%RSD	90.23	59.68	142.8	226.6	165.3	.4017

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34080.	829.0	F 302600.	.9296	.1406	1.682
Stddev	37.	2.1	1766.	.5781	2.051	2.082
%RSD	.1081	.2565	.5836	62.19	1458.	123.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.706	-.0452	1.135	1.064	159.6	1.781
Stddev	6.367	2.655	.242	.356	.5	.050
%RSD	235.3	5876.	21.33	33.42	.3311	2.786

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-9-b@5 Acquired: 10/24/2012 20:36:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.265	503.1	2.711	2952.
Stddev	.480	.2	.312	15.
%RSD	37.96	.0423	11.50	.5200

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1033.1	27449.	8897.4
Stddev	.3	40.	68.1
%RSD	.03364	.14391	.76556

Sample Name: CCV Acquired: 10/24/2012 20:40:45 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121600.	2441.	1218.	10000.	964.5	128000.
Stddev	294.	10.	5.	11.	1.8	307.
%RSD	.2419	.4021	.4020	.1119	.1837	.2396

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1238.	2484.	4926.	12140.	98010.	49710.
Stddev	3.	3.	30.	16.	511.	74.
%RSD	.2554	.1156	.6164	.1329	.5211	.1495

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121400.	4981.	125600.	2492.	7506.	991.8
Stddev	537.	22.	223.	5.	10.	7.3
%RSD	.4418	.4507	.1776	.1939	.1311	.7326

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2450.	2514.	2459.	2418.	987.7	2490.
Stddev	7.	12.	13.	6.	2.4	.
%RSD	.2777	.4621	.5481	.2639	.2448	.0162

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/24/2012 20:40:45 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	986.1	4995.	9812.	9986.
Stddev	.8	24.	18.	23.
%RSD	.0774	.4861	.1803	.2336

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1024.9	27685.	8816.6
Stddev	1.6	111.	51.0
%RSD	.15596	.40017	.57869

Sample Name: CCB Acquired: 10/24/2012 20:44:20 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.599	-.3206	-.6203	.6330	.1053	18.26
Stddev	11.36	1.217	.8342	.3112	.1065	10.78
%RSD	149.4	379.7	134.5	49.17	101.2	59.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0615	.2027	-.4871	1.155	13.68	92.53
Stddev	.1240	.1572	.2250	1.373	6.45	27.17
%RSD	201.5	77.55	46.18	118.8	47.18	29.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.90	.3391	266.1	-.0194	-.0841	-.0194
Stddev	9.43	.2442	29.4	.3274	1.724	3.071
%RSD	79.27	72.02	11.05	1685.	2051.	15810.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.470	-1.291	-.0675	.5374	2.855	2.033
Stddev	.785	4.031	.2334	.4091	.827	.270
%RSD	53.39	312.3	346.0	76.14	28.95	13.28

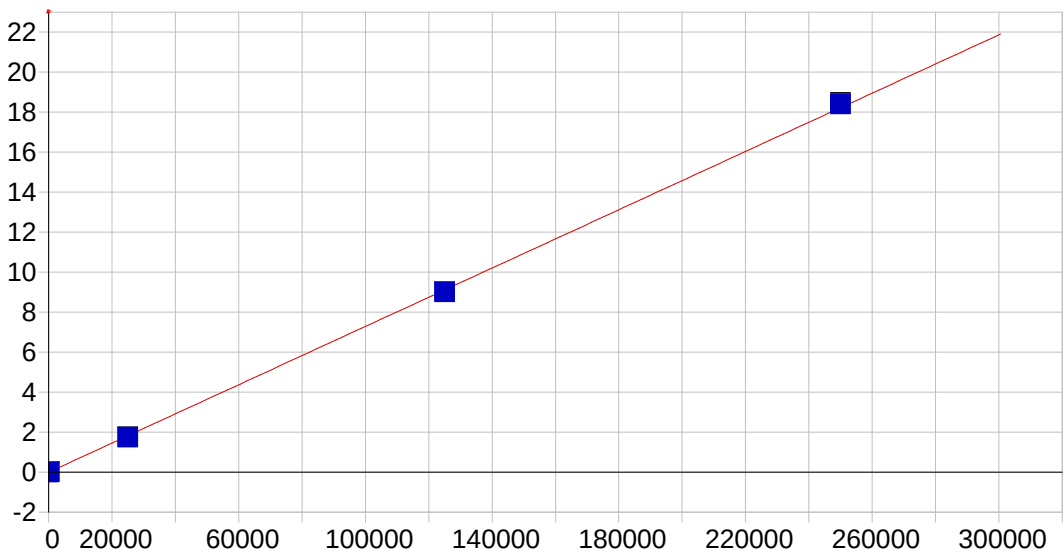
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/24/2012 20:44:20 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.435	.4093	1.526	10.77
Stddev	.452	.3804	.750	6.02
%RSD	31.52	92.94	49.13	55.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1136.4	30861.	8982.9
Stddev	2.3	43.	50.5
%RSD	.20347	.14058	.56236

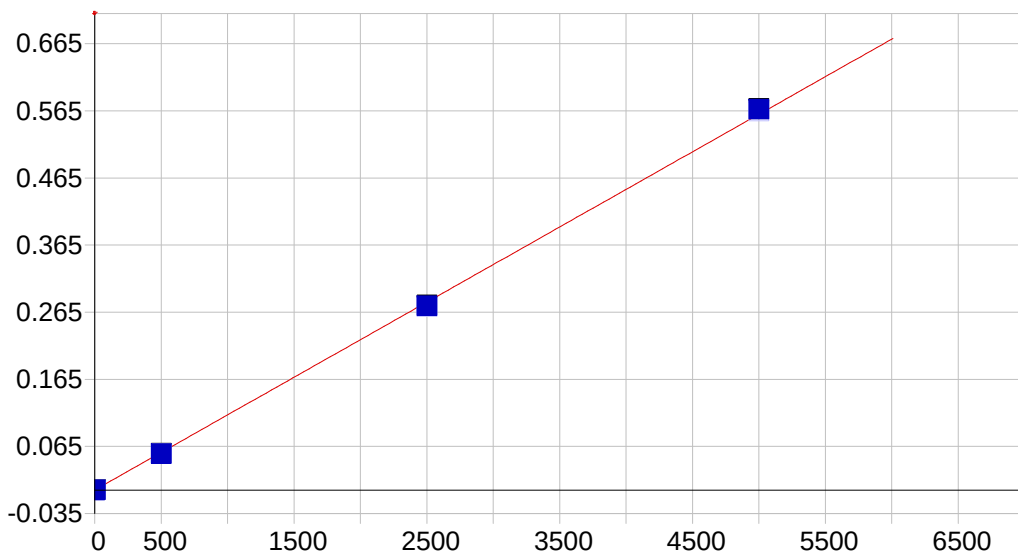


AI 396.152 { 85 }

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

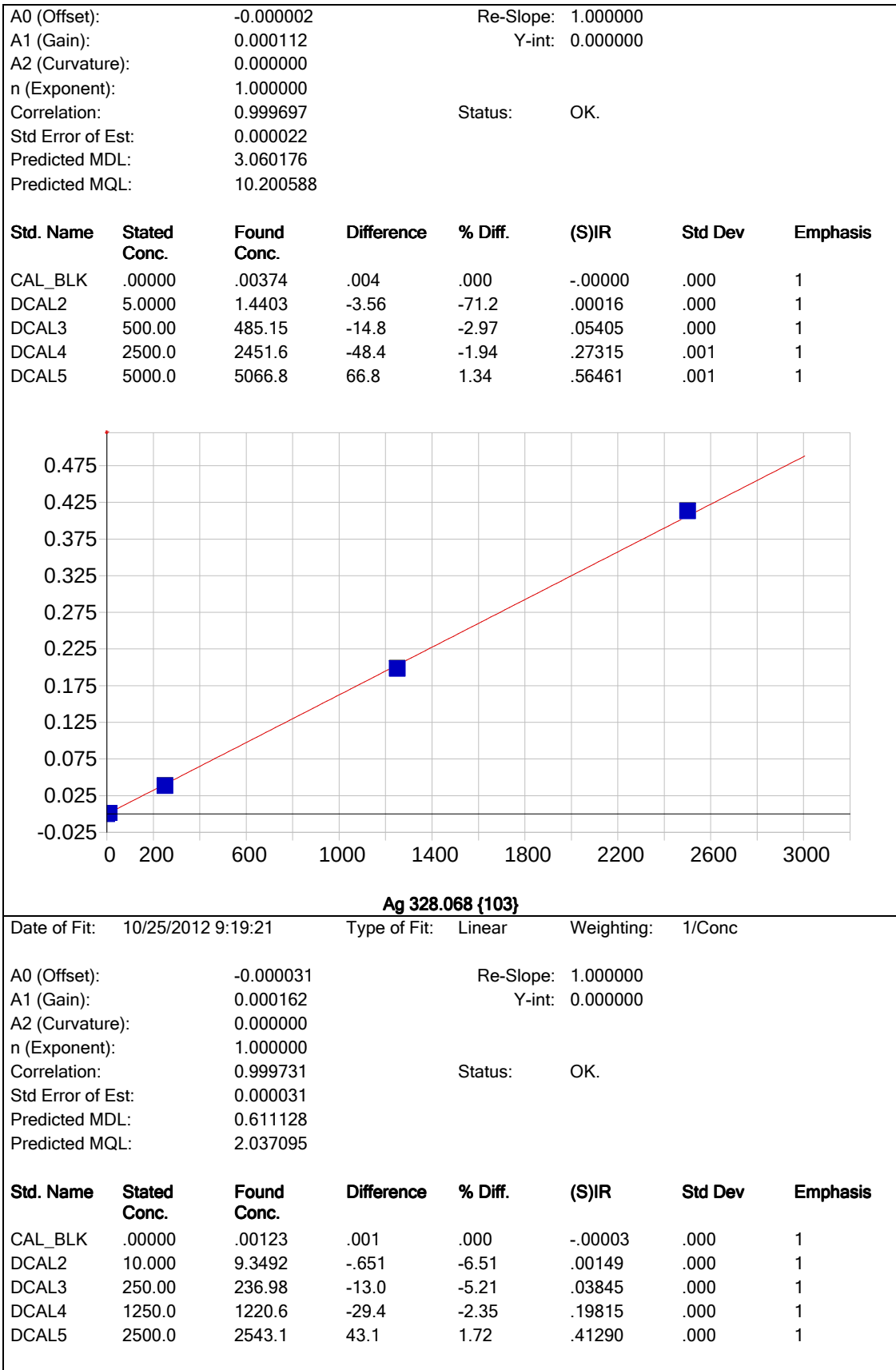
A0 (Offset): -0.001059 Re-Slope: 1.000000
 A1 (Gain): 0.000073 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000367
 Predicted MDL: 7.852362
 Predicted MQL: 26.174539

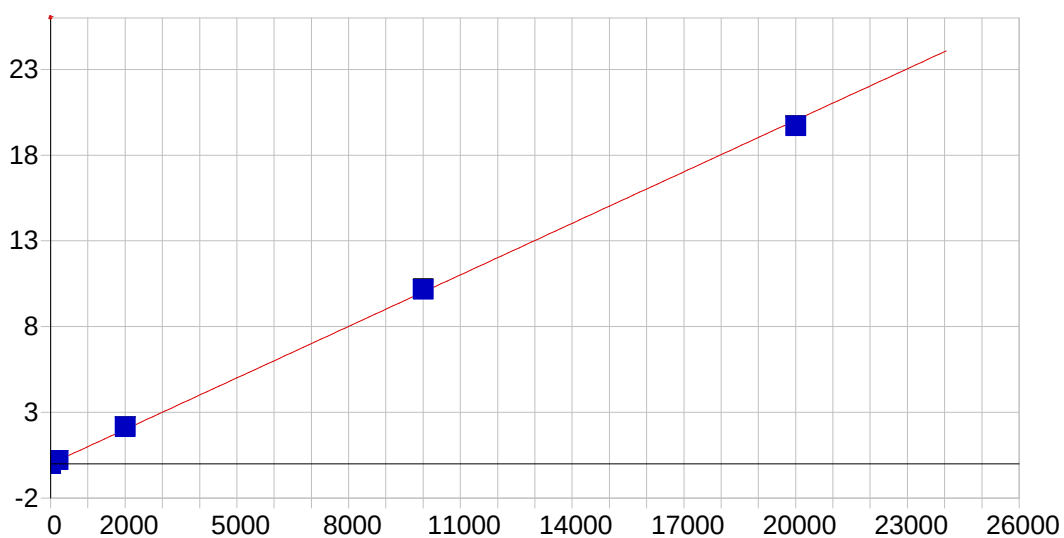
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00460	.005	.000	-.00106	.000	1
DCAL2	200.00	203.36	3.36	1.68	.01379	.000	1
DCAL3	25000.	24059.	-941.	-3.76	1.7541	.001	1
DCAL4	125000.	123530.	-1470.	-1.18	9.0103	.009	1
DCAL5	250000.	252410.	2410.	.964	18.412	.051	1



As 189.042 {478}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc



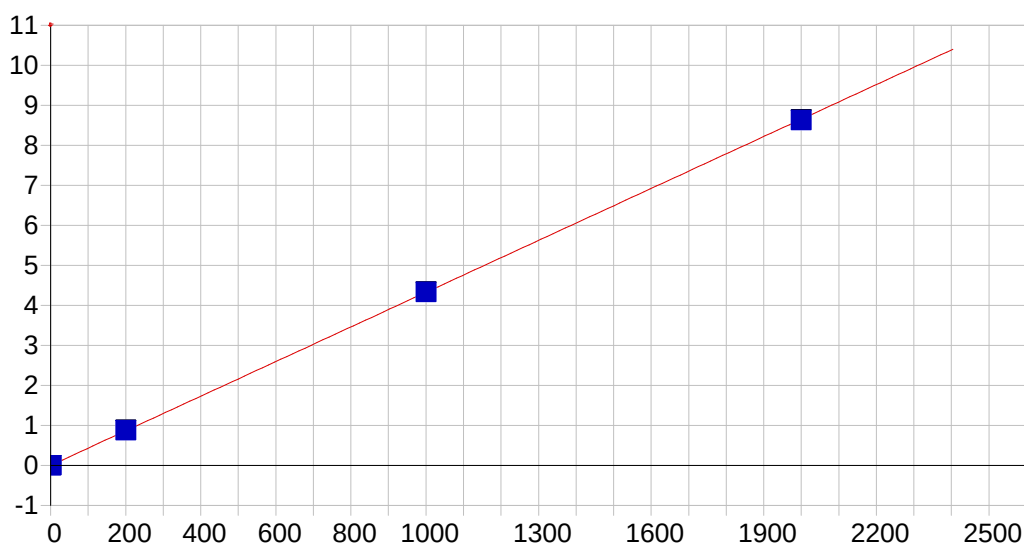


Ba 233.527 {445}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000157 Re-Slope: 1.000000
 A1 (Gain): 0.001002 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676 Status: OK.
 Std Error of Est: 0.002636
 Predicted MDL: 0.337654
 Predicted MQL: 1.125514

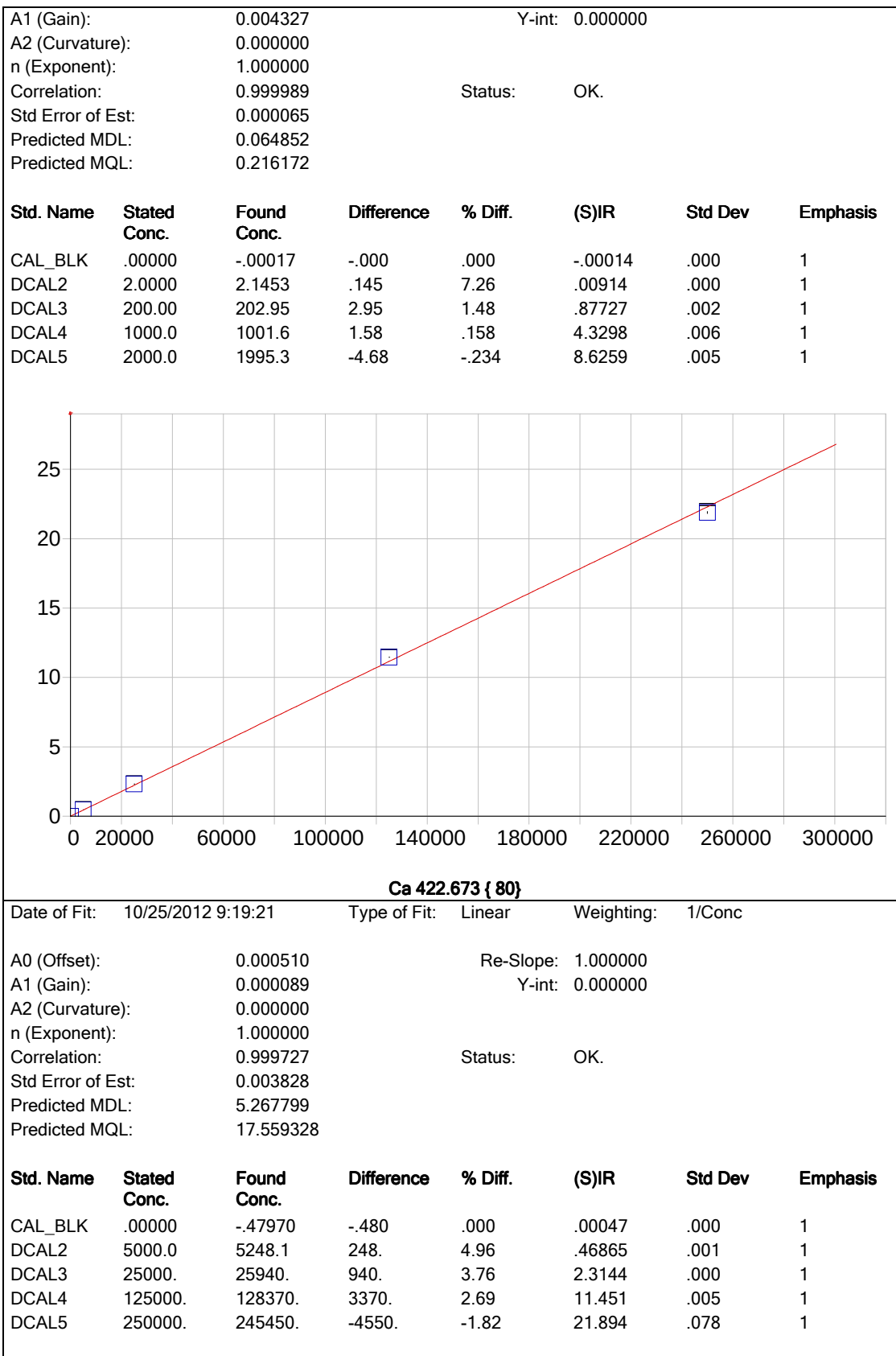
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.03153	-.032	.000	-.00019	.000	1
DCAL2	200.00	216.43	16.4	8.22	.21656	.000	1
DCAL3	2000.0	2151.8	152.	7.59	2.1530	.002	1
DCAL4	10000.	10160.	160.	1.60	10.166	.018	1
DCAL5	20000.	19672.	-328.	-1.64	19.683	.007	1

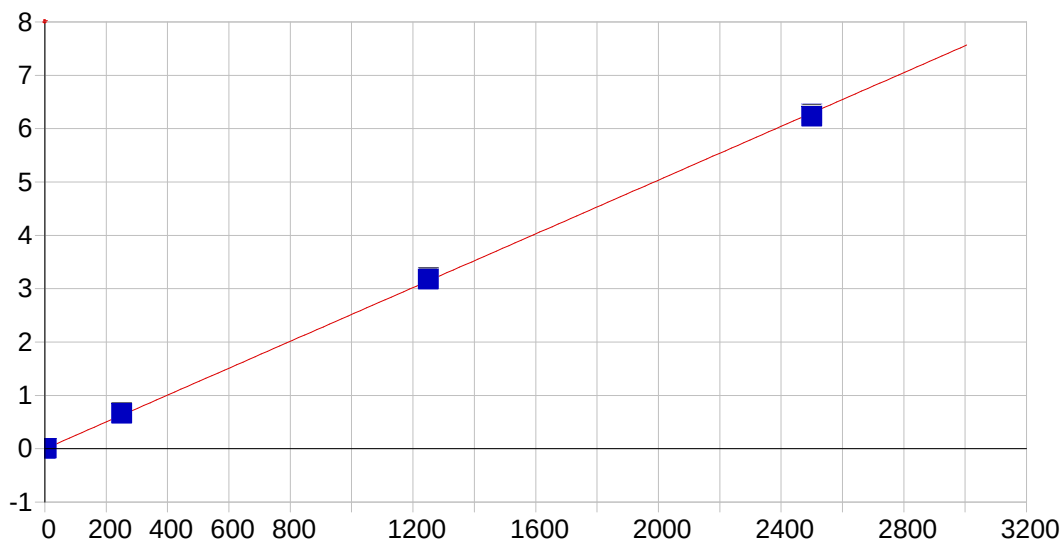


Be 313.042 {108}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000



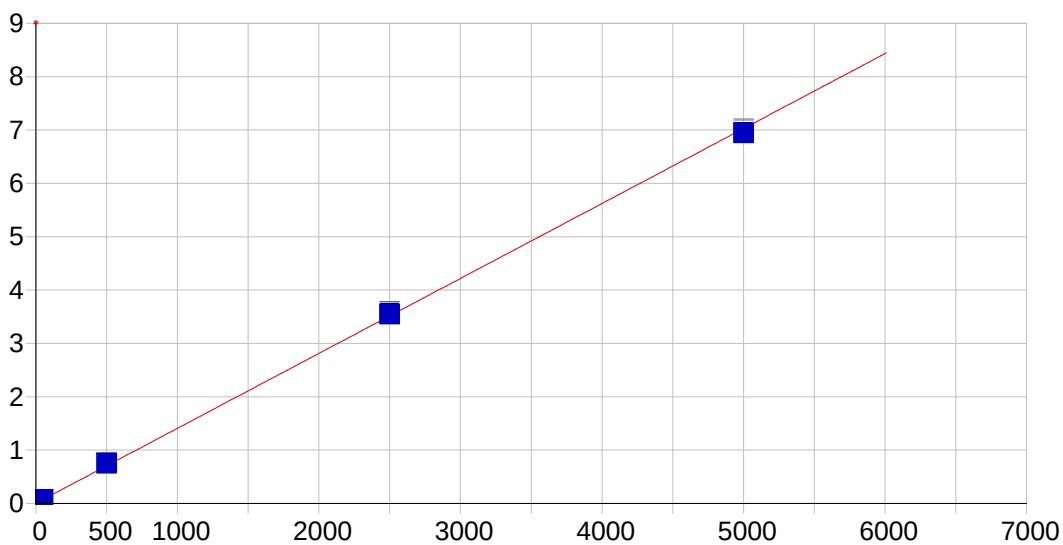


Cd 226.502 {449}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000864 Re-Slope: 1.000000
 A1 (Gain): 0.002518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.190693
 Predicted MQL: 0.635642

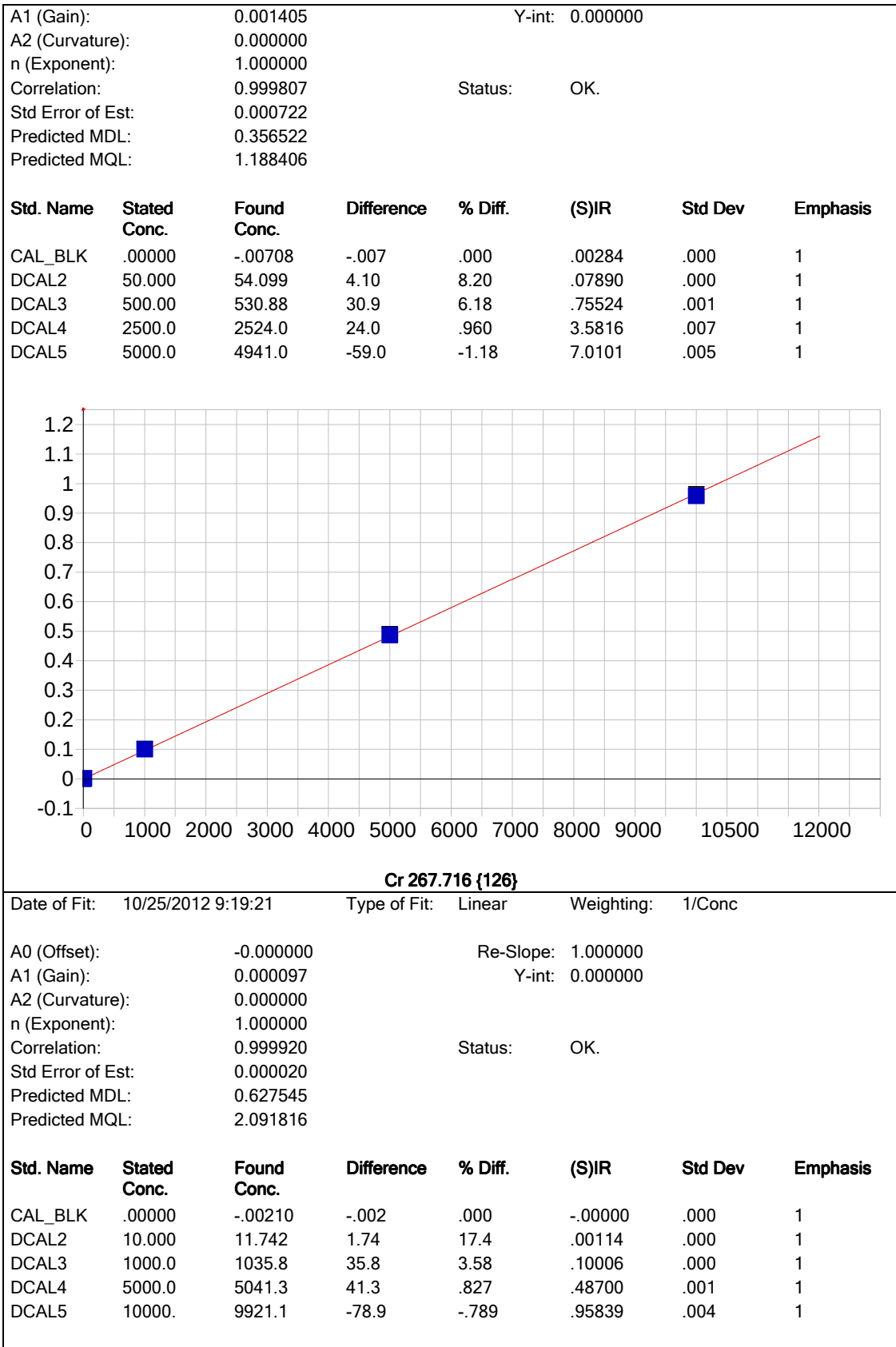
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00040	-.000	.000	-.00086	.000	1
DCAL2	4.0000	4.1844	.184	4.61	.00971	.000	1
DCAL3	250.00	263.68	13.7	5.47	.66831	.001	1
DCAL4	1250.0	1261.7	11.7	.932	3.2021	.006	1
DCAL5	2500.0	2474.5	-25.5	-1.02	6.2822	.003	1

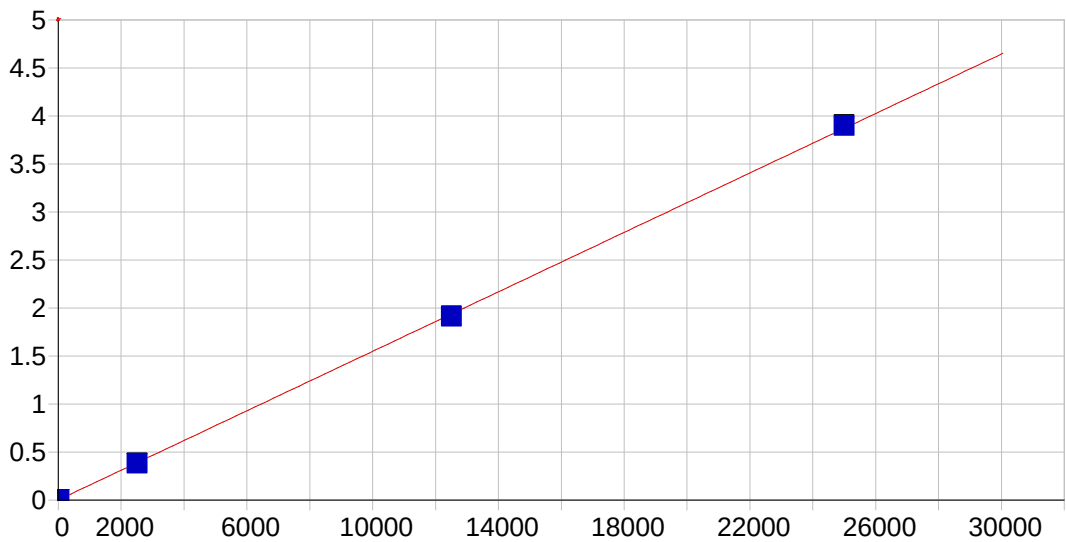


Co 228.616 {447}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002854 Re-Slope: 1.000000



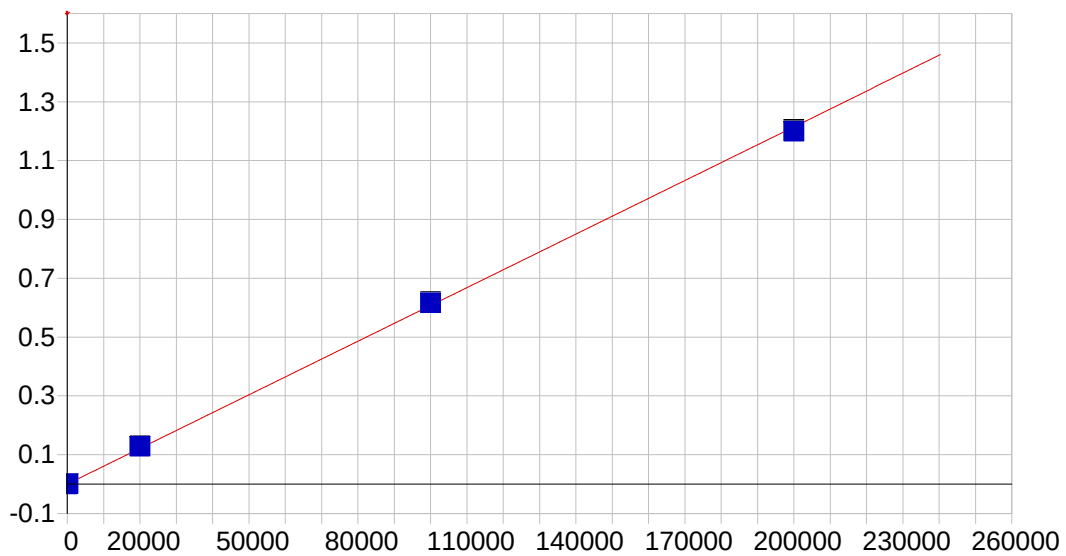


Cu 324.754 {104}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

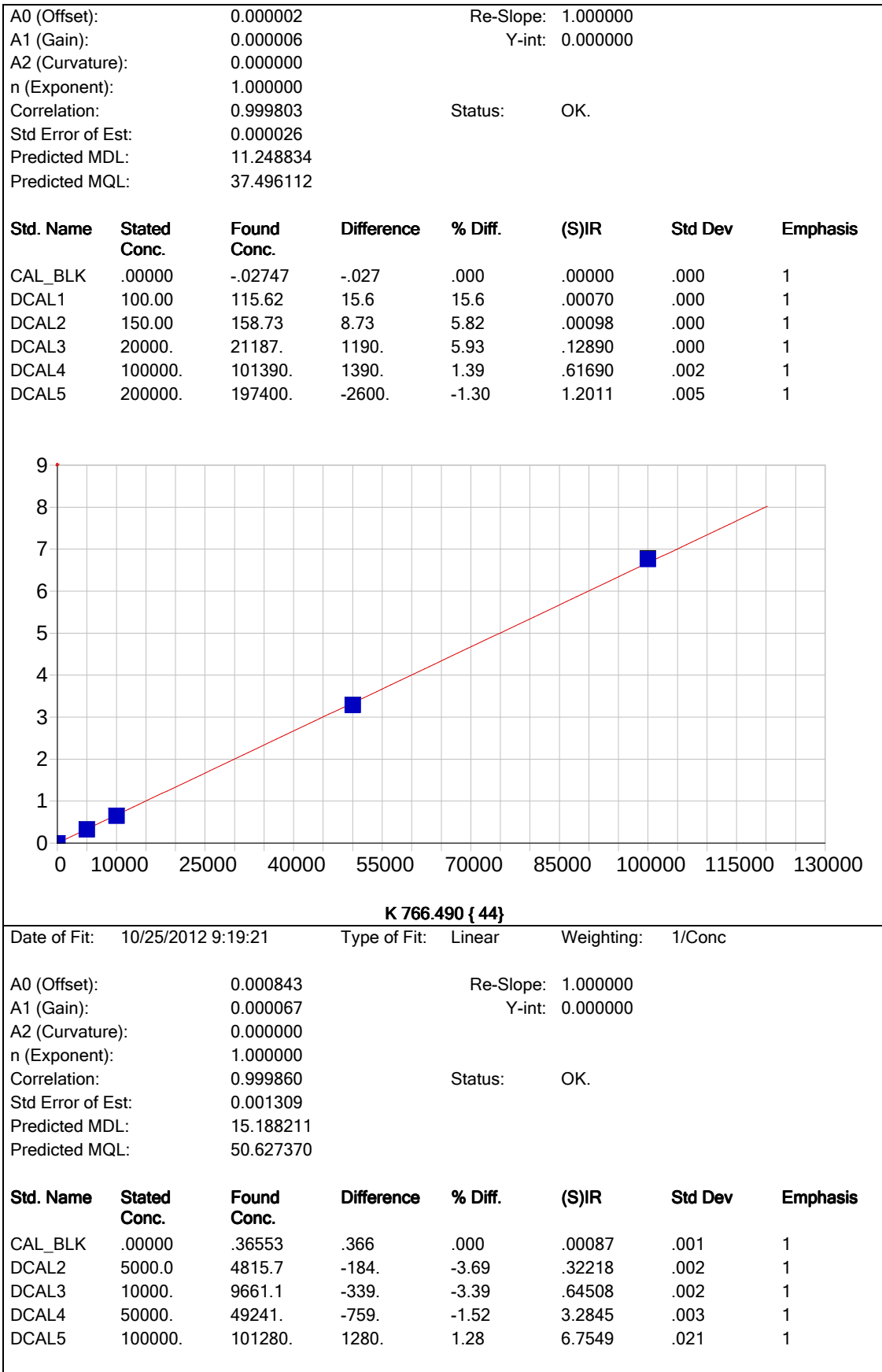
A0 (Offset): 0.001596 Re-Slope: 1.000000
 A1 (Gain): 0.000155 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 1.747485
 Predicted MQL: 5.824951

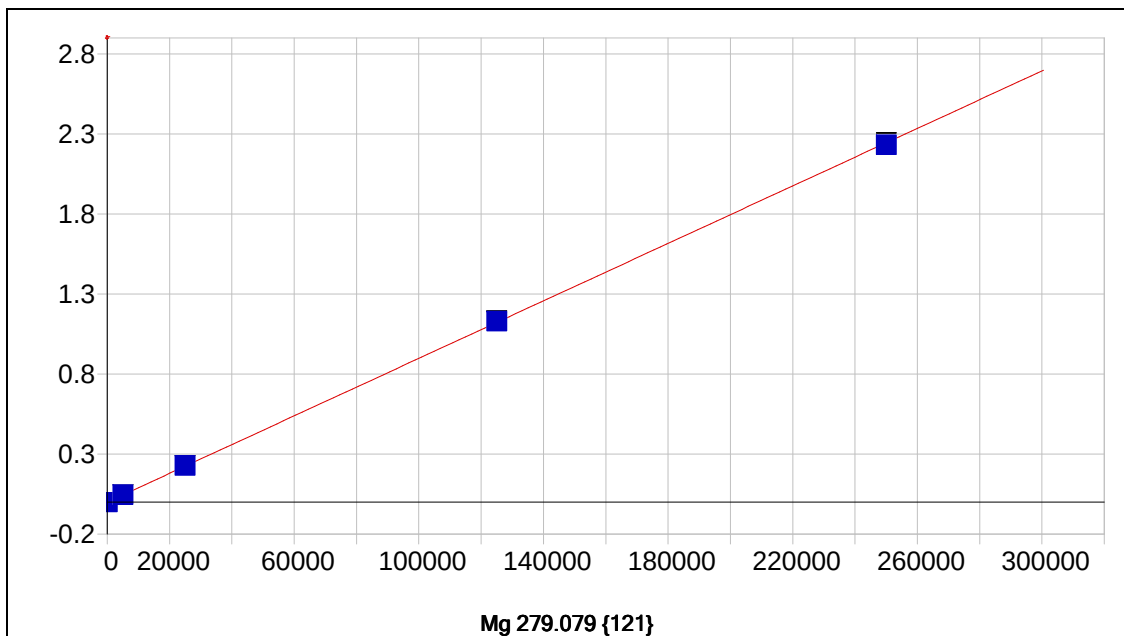
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00106	.001	.000	.00160	.000	1
DCAL1	10.000	9.9109	-.089	-.891	.00313	.000	1
DCAL2	25.000	23.049	-1.95	-7.80	.00516	.000	1
DCAL3	2500.0	2461.3	-38.7	-1.55	.38223	.000	1
DCAL4	12500.	12360.	-140.	-1.12	1.9131	.000	1
DCAL5	25000.	25180.	180.	.721	3.8957	.009	1



Fe 271.441 {124}

Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

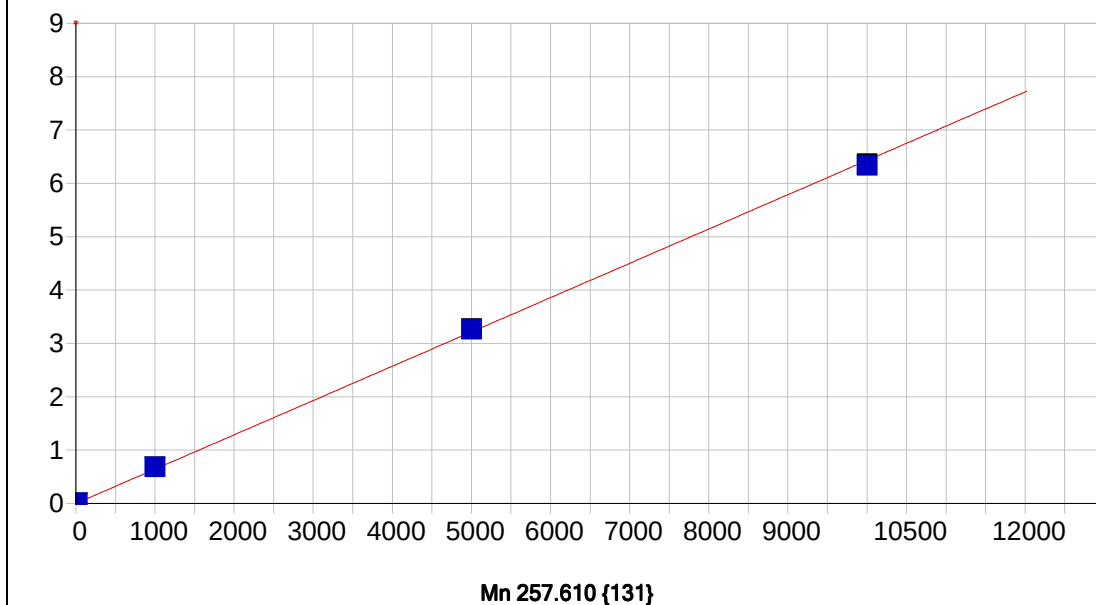




Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

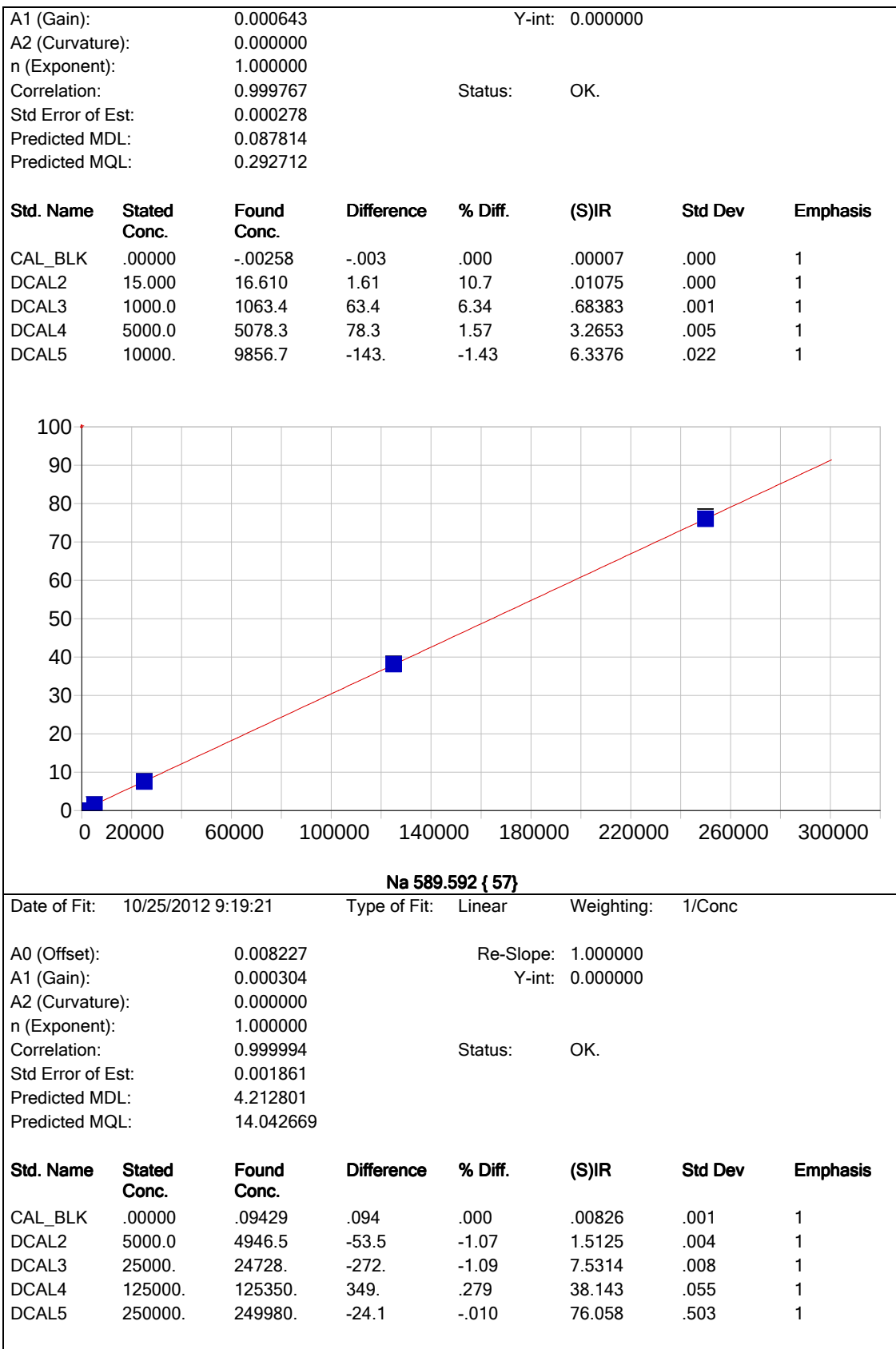
A0 (Offset): -0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.000009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 6.871189
 Predicted MQL: 22.903964

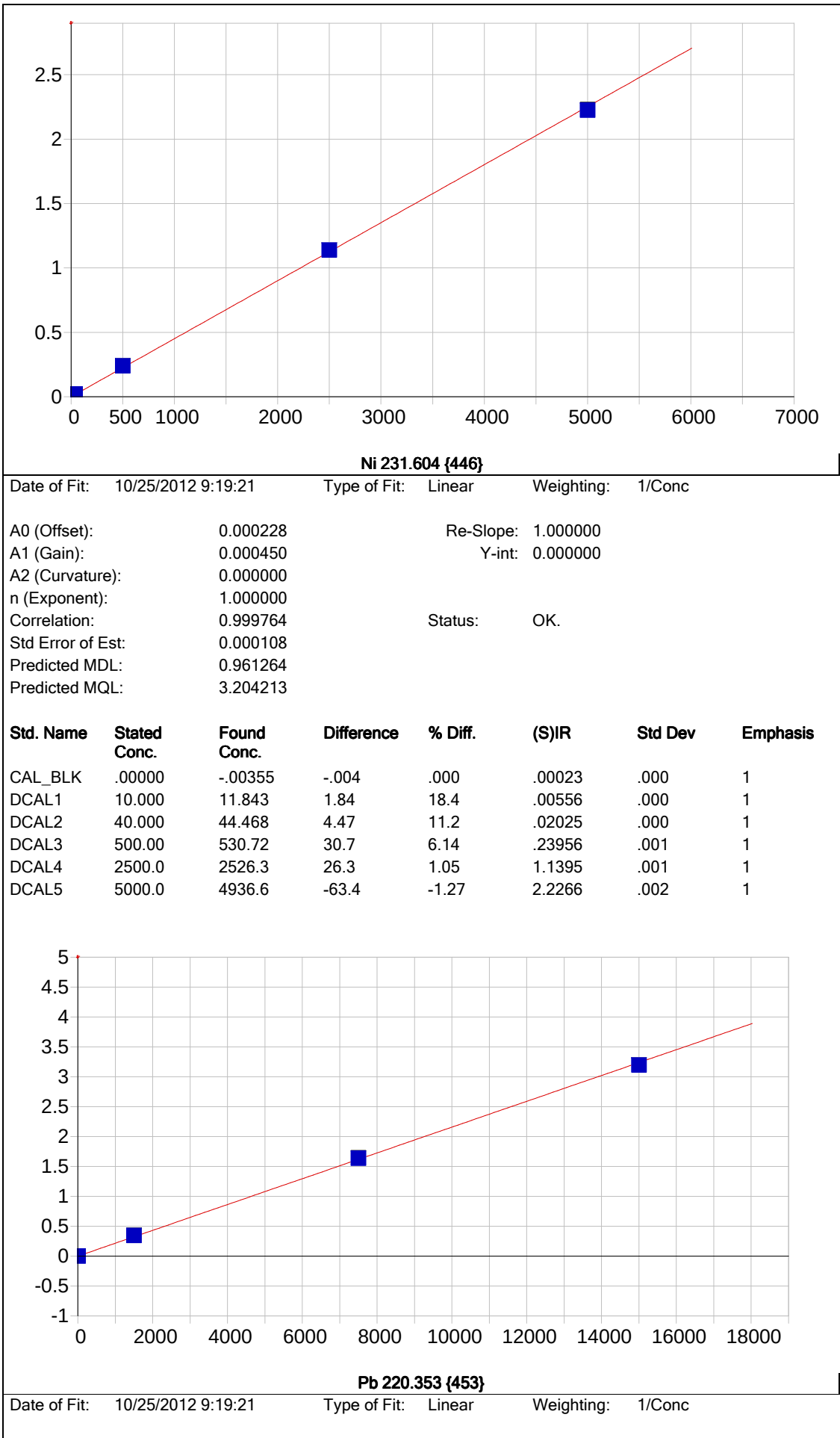
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.19056	-.191	.000	-.00003	.000	1
DCAL2	5000.0	5107.8	108.	2.16	.04583	.000	1
DCAL3	25000.	25373.	373.	1.49	.22774	.000	1
DCAL4	125000.	125890.	889.	.711	1.1301	.004	1
DCAL5	250000.	248630.	-1370.	-.548	2.2319	.013	1

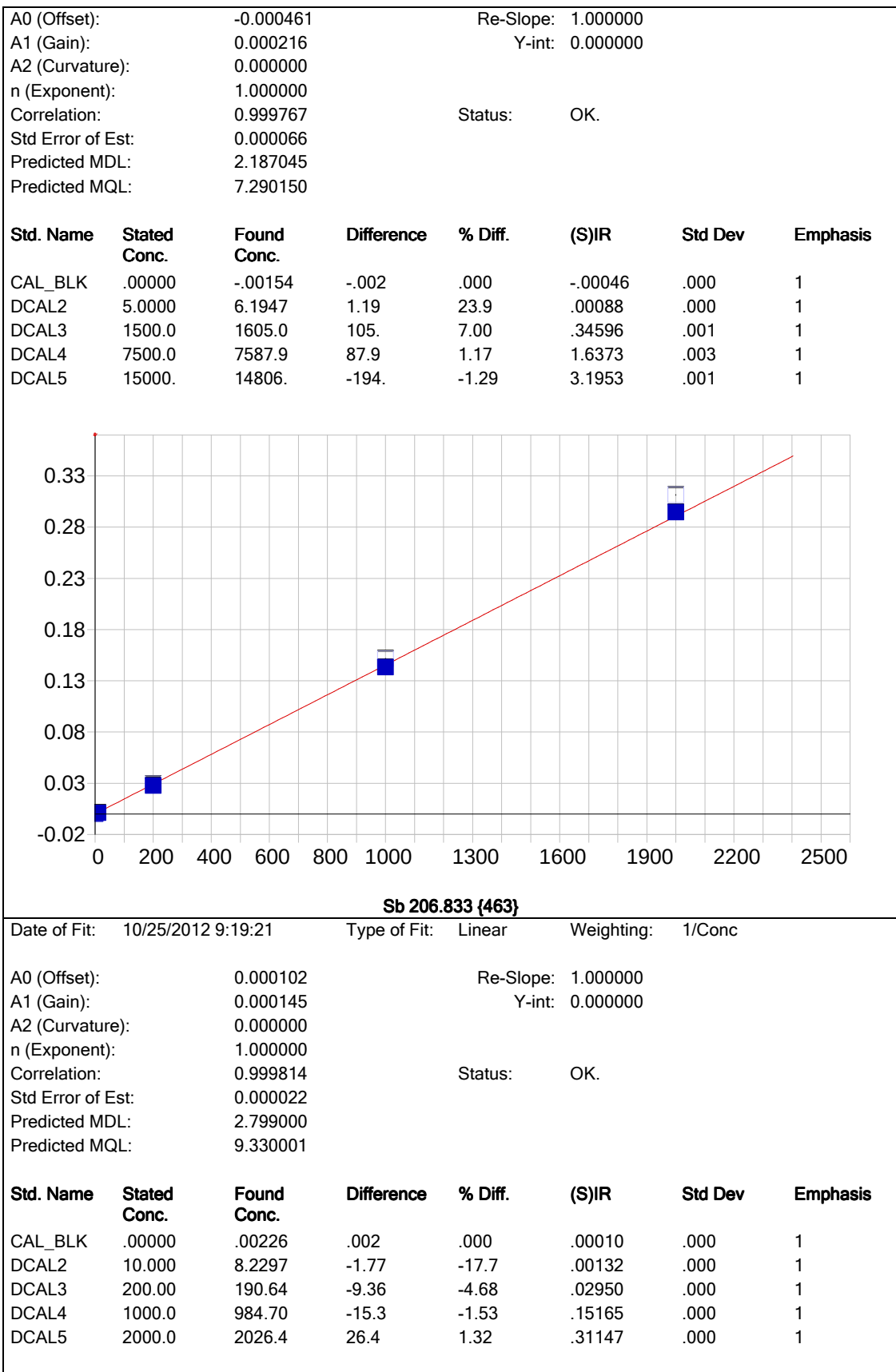


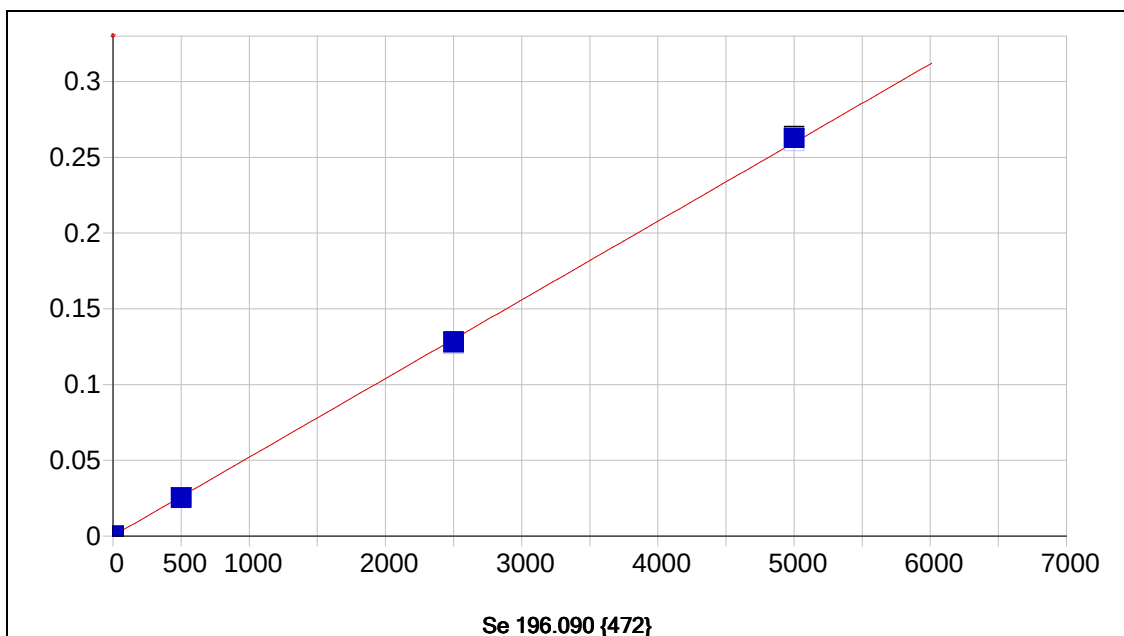
Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000





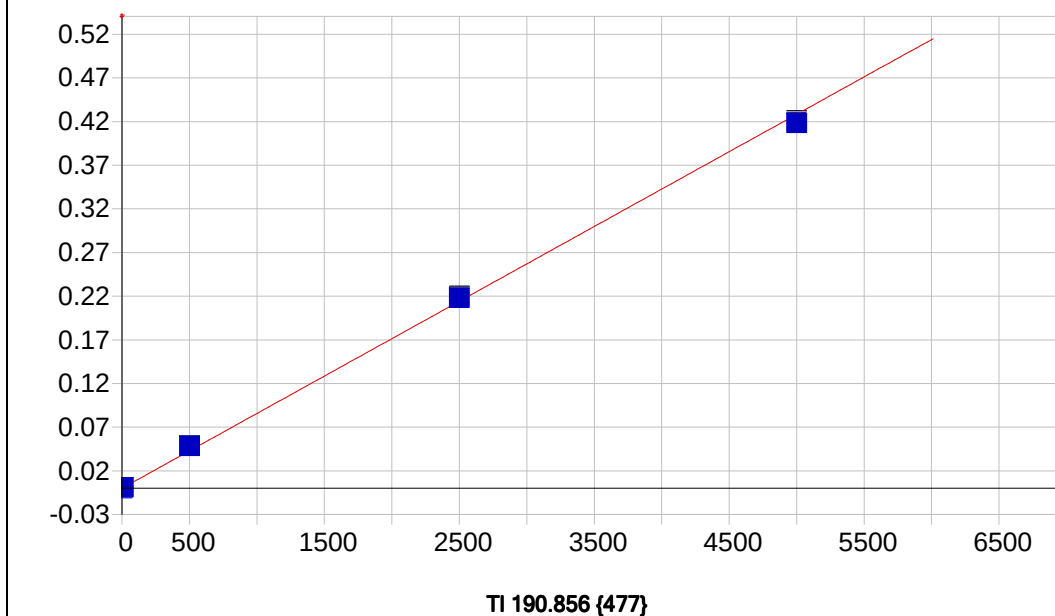




Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

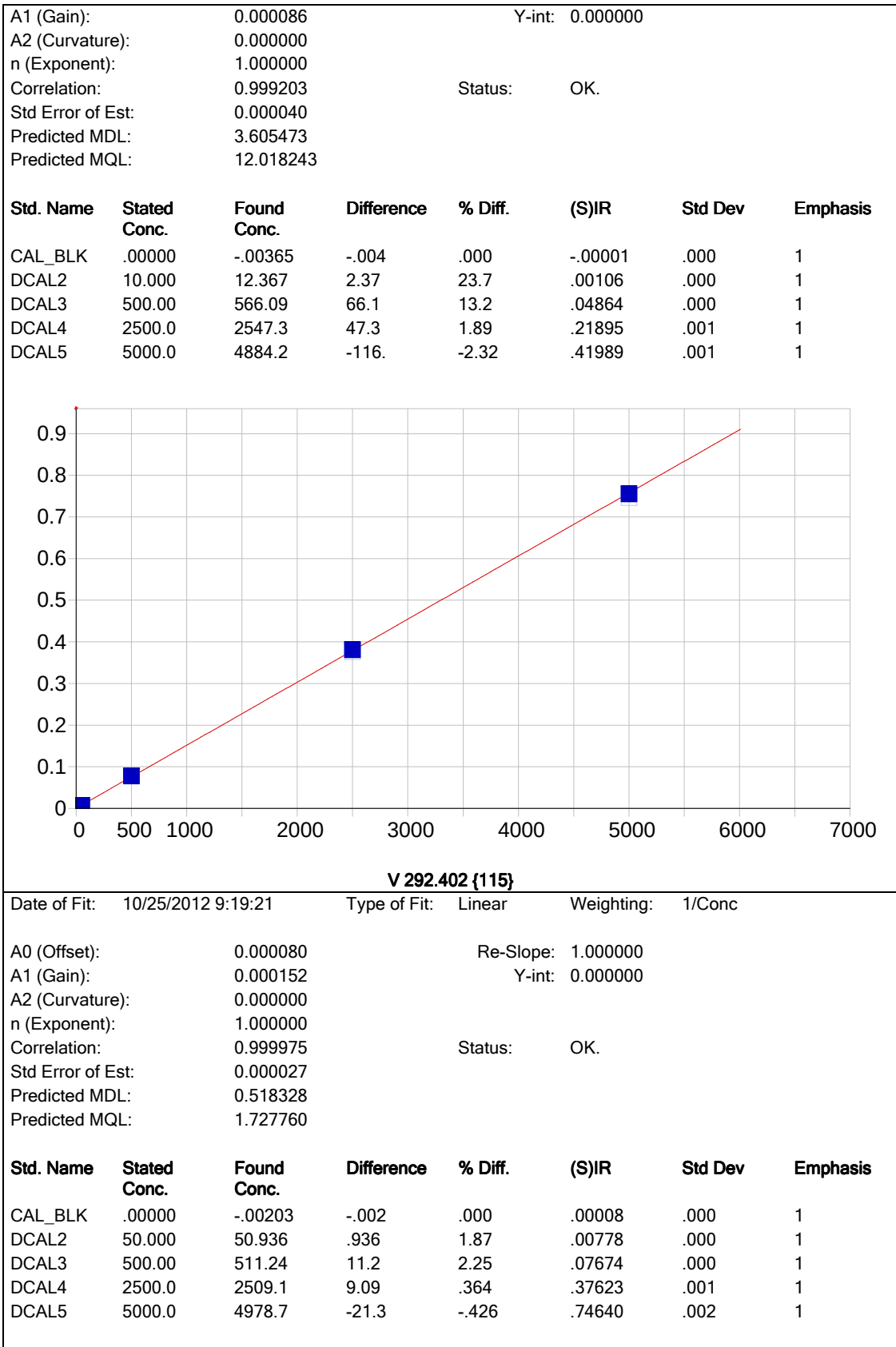
A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.000052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 5.107342
 Predicted MQL: 17.024474

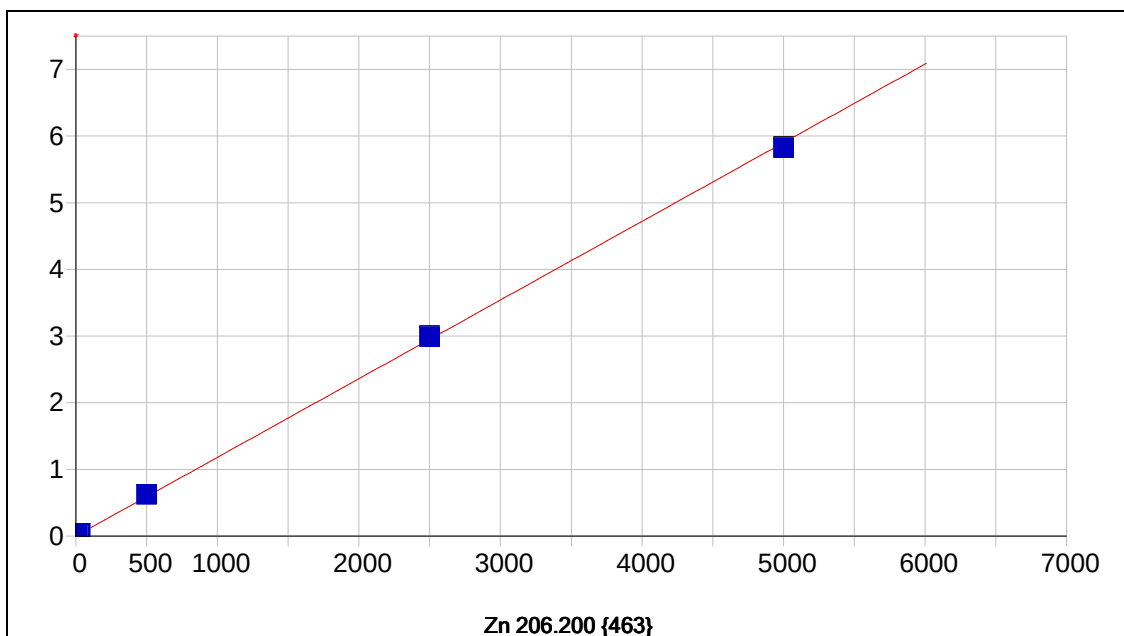
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00319	.003	.000	.00017	.000	1
DCAL2	5.0000	1.9947	-3.01	-60.1	.00026	.000	1
DCAL3	500.00	483.64	-16.4	-3.27	.02507	.000	1
DCAL4	2500.0	2458.7	-41.3	-1.65	.12676	.000	1
DCAL5	5000.0	5060.5	60.5	1.21	.26079	.001	1



Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000

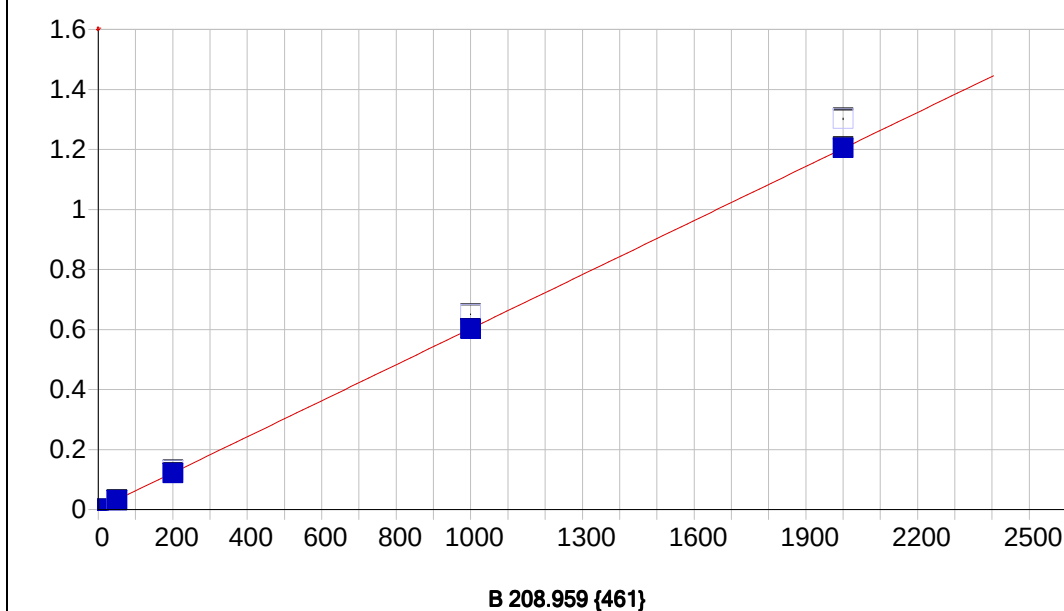




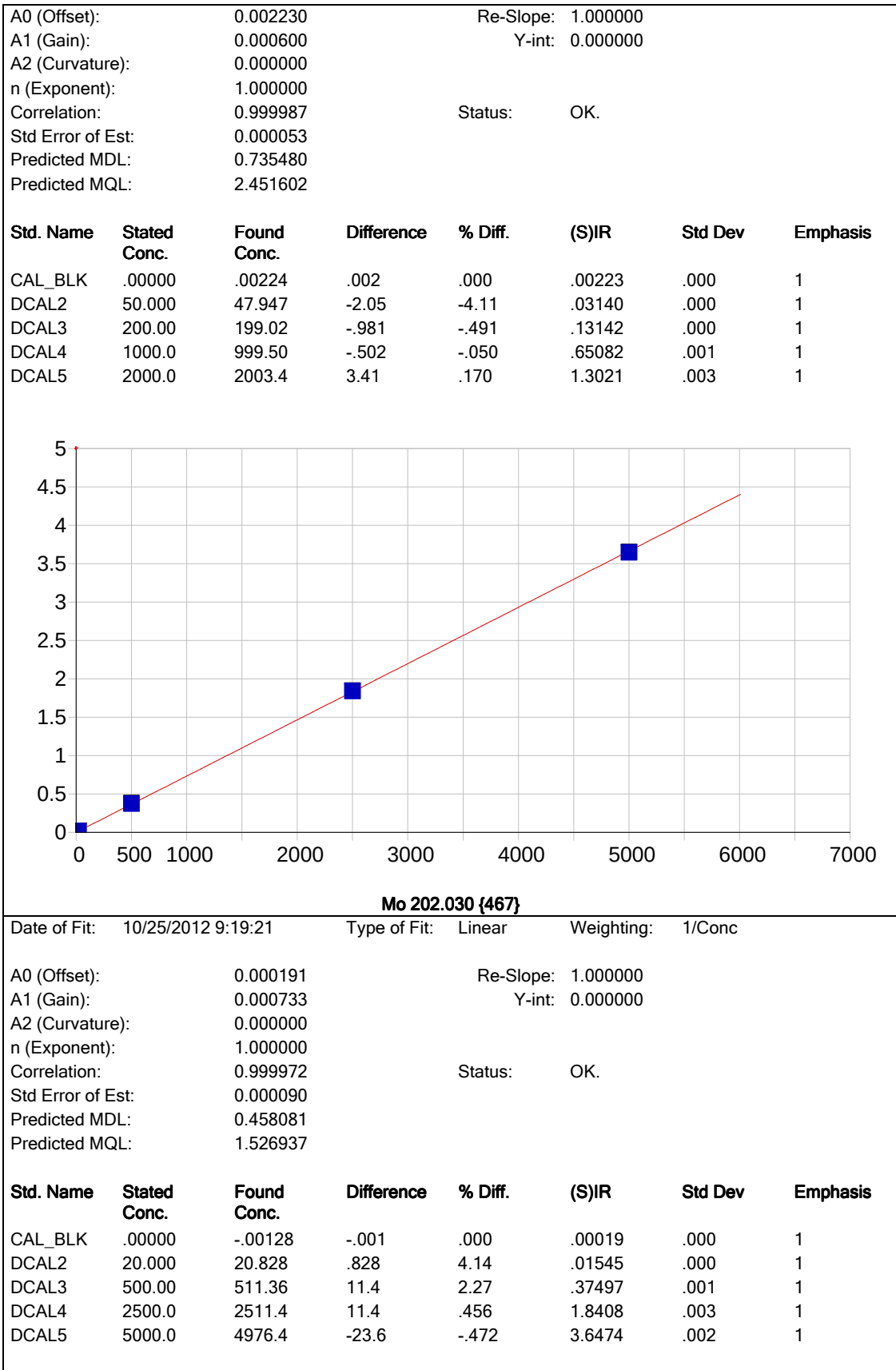
Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

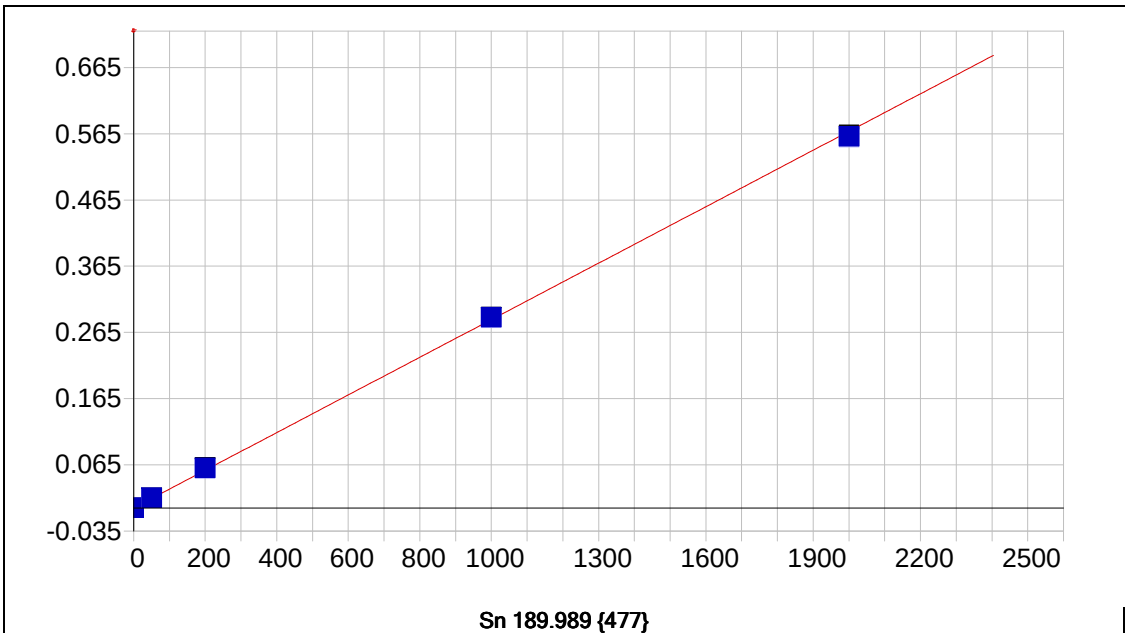
A0 (Offset): 0.001150 Re-Slope: 1.000000
 A1 (Gain): 0.001180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000261
 Predicted MDL: 0.325171
 Predicted MQL: 1.083903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00225	-.002	.000	.00115	.000	1
DCAL2	30.000	33.869	3.87	12.9	.04112	.000	1
DCAL3	500.00	526.29	26.3	5.26	.62234	.002	1
DCAL4	2500.0	2535.2	35.2	1.41	2.9936	.009	1
DCAL5	5000.0	4934.2	-65.8	-1.32	5.8253	.011	1
DCAL1	10.000	10.425	.425	4.25	.01346	.000	1



Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

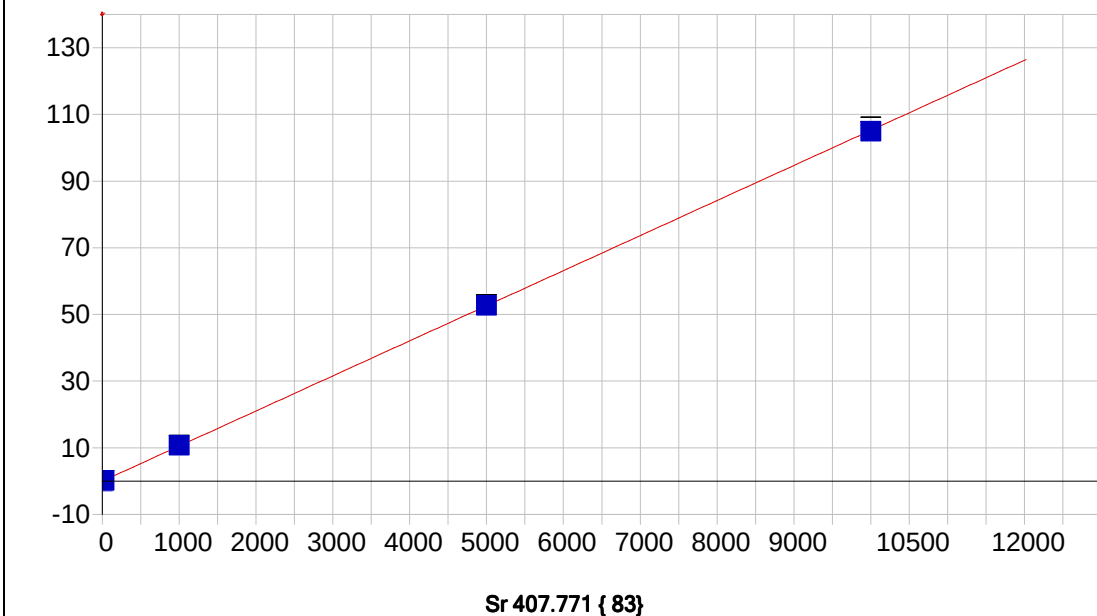




Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

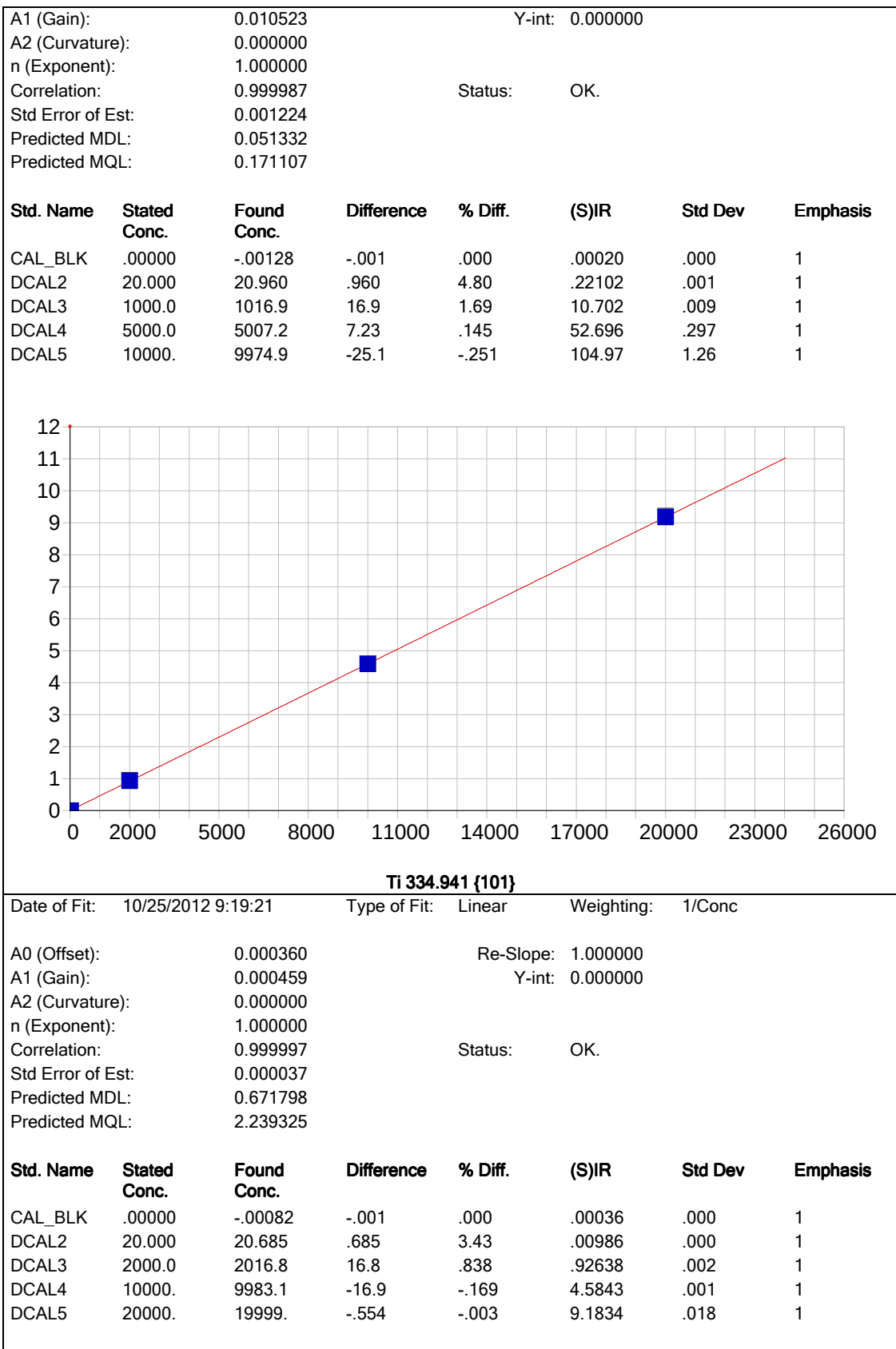
A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.000284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 1.097999
 Predicted MQL: 3.659997

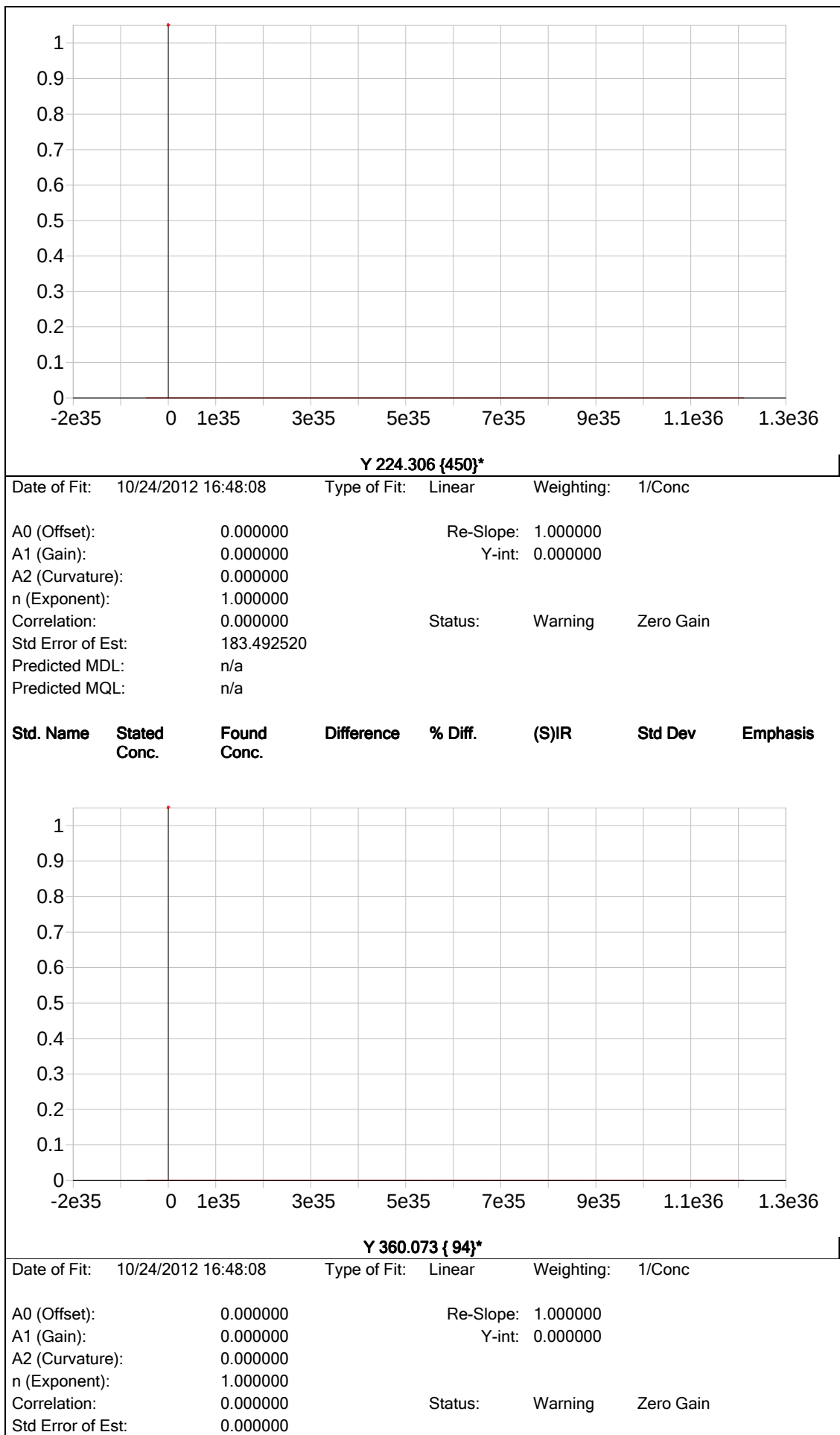
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00573	-.006	.000	.00005	.000	1
DCAL2	50.000	53.006	3.01	6.01	.01512	.000	1
DCAL3	200.00	211.09	11.1	5.54	.05989	.001	1
DCAL4	1000.0	1012.2	12.2	1.22	.28695	.000	1
DCAL5	2000.0	1973.7	-26.3	-1.31	.55947	.002	1

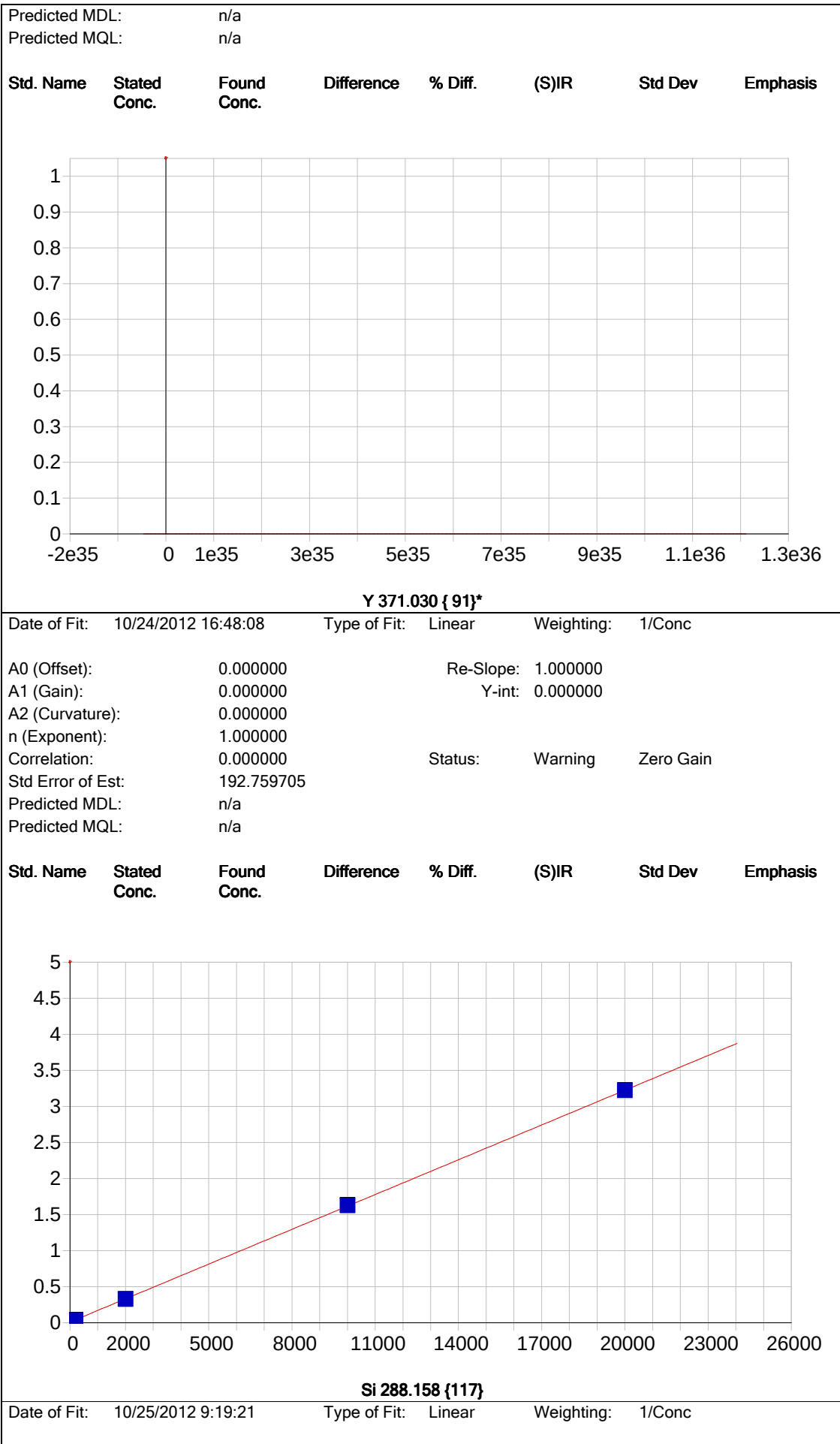


Date of Fit: 10/25/2012 9:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000







A0 (Offset):	0.010294	Re-Slope:	1.000000
A1 (Gain):	0.000161	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000194		
Predicted MDL:	11.436619		
Predicted MQL:	38.122062		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02844	.028	.000	.01030	.003	1
DCAL2	200.00	173.07	-26.9	-13.5	.03810	.001	1
DCAL3	2000.0	1973.4	-26.6	-1.33	.32622	.003	1
DCAL4	10000.	10062.	61.8	.618	1.6212	.007	1
DCAL5	20000.	19992.	-8.12	-.041	3.2110	.005	1

Sample Name: CAL_BLK Acquired: 10/25/2012 8:57:10 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0011	-.0000	-.0000	-.0002	-.0001	.0005
Stddev	.0001	.0002	.0000	.0002	.0001	.0003
%RSD	11.16	21420.	113.6	109.6	52.10	70.62

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0009	.0028	-.0000	.0016	.0000	.0009
Stddev	.0002	.0002	.0000	.0001	.0000	.0007
%RSD	25.18	8.261	9971.	5.530	1225.	84.52

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0000	.0001	.0083	.0002	-.0005	.0001
Stddev	.0000	.0000	.0006	.0002	.0003	.0004
%RSD	87.45	40.21	6.737	83.31	63.59	365.6

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0000	.0001	.0011	.0022	.0002
Stddev	.0001	.0005	.0000	.0000	.0001	.0001
%RSD	72.10	6611.	55.76	2.355	4.673	74.69

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0002	.0004	.0103
Stddev	.0001	.0005	.0002	.0027
%RSD	190.0	246.7	50.04	26.11

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1128.8	30687.	9416.5
Stddev	4.4	56.	57.8
%RSD	.38597	.18131	.61400

Sample Name: DCAL1 Acquired: 10/25/2012 9:00:58 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0031	.0007	.0056	.0135
Stddev	.0001	.0001	.0001	.0003
%RSD	3.830	12.02	.9464	2.532

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1126.8	30789.	9460.7
Stddev	.7	56.	39.3
%RSD	.05848	.18171	.41534

Sample Name: DCAL2 Acquired: 10/25/2012 9:04:48 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0138	.0002	.0015	.2166	.0091	.4686
Stddev	.0002	.0003	.0000	.0004	.0001	.0009
%RSD	1.677	220.6	2.819	.1772	1.420	.1975

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0097	.0789	.0011	.0052	.0010	.3222
Stddev	.0003	.0002	.0000	.0001	.0000	.0017
%RSD	3.543	.2548	2.792	2.738	1.488	.5234

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0458	.0107	1.512	.0203	.0009	.0013
Stddev	.0001	.0000	.004	.0002	.0001	.0000
%RSD	.1280	.2236	.2603	.7684	11.24	2.328

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	.0011	.0078	.0411	.0314	.0154
Stddev	.0001	.0001	.0001	.0002	.0003	.0003
%RSD	30.63	13.35	.9049	.5031	.8823	2.149

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0151	.2210	.0099	.0381
Stddev	.0003	.0006	.0002	.0010
%RSD	1.769	.2665	2.372	2.750

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1113.6	30266.	9535.6
Stddev	1.6	7.	13.2
%RSD	.13991	.02296	.13870

Sample Name: DCAL3 Acquired: 10/25/2012 9:08:31 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.754	.0540	.0384	2.153	.8773	2.314
Stddev	.001	.0005	.0002	.002	.0019	.000
%RSD	.0821	.9101	.5299	.0935	.2209	.0179

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6683	.7552	.1001	.3822	.1289	.6451
Stddev	.0006	.0009	.0004	.0004	.0001	.0016
%RSD	.0950	.1204	.3784	.1083	.0453	.2504

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2277	.6838	7.531	.2396	.3460	.0295
Stddev	.0003	.0010	.008	.0011	.0008	.0001
%RSD	.1333	.1513	.1018	.4424	.2324	.3499

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0251	.0486	.0767	.6223	.1314	.3750
Stddev	.0001	.0003	.0002	.0020	.0003	.0014
%RSD	.4366	.5634	.1962	.3172	.2317	.3703

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0599	10.70	.9264	.3262
Stddev	.0007	.01	.0016	.0028
%RSD	1.157	.0862	.1711	.8535

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1083.7	29246.	9435.0
Stddev	2.0	66.	38.1
%RSD	.18831	.22706	.40386

Sample Name: DCAL4 Acquired: 10/25/2012 9:12:03 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.010	.2731	.1982	10.17	4.330	11.45
Stddev	.009	.0009	.0003	.02	.006	.00
%RSD	.0969	.3419	.1608	.1796	.1378	.0427

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.202	3.582	.4870	1.913	.6169	3.284
Stddev	.006	.007	.0013	.000	.0020	.003
%RSD	.1771	.1847	.2723	.0190	.3234	.1035

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.130	3.265	38.14	1.140	1.637	.1516
Stddev	.004	.005	.05	.001	.003	.0003
%RSD	.3298	.1591	.1438	.1089	.1815	.2288

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1268	.2190	.3762	2.994	.6508	1.841
Stddev	.0004	.0010	.0013	.009	.0007	.003
%RSD	.3334	.4399	.3377	.2857	.1140	.1808

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2870	52.70	4.584	1.621
Stddev	.0003	.30	.001	.007
%RSD	.1050	.5638	.0166	.4421

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1016.9	27435.	9121.6
Stddev	2.3	31.	32.2
%RSD	.22860	.11262	.35253

Sample Name: DCAL5 Acquired: 10/25/2012 9:15:37 Type: Cal
Method: SW846_102312(v5) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.41	.5646	.4129	19.68	8.626	21.89
Stddev	.05	.0008	.0002	.01	.004	.08
%RSD	.2770	.1415	.0413	.0356	.0523	.3542

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.282	7.010	.9584	3.896	1.201	6.755
Stddev	.003	.005	.0042	.009	.005	.021
%RSD	.0420	.0675	.4401	.2380	.3823	.3139

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.232	6.338	76.06	2.227	3.195	.3115
Stddev	.013	.021	.50	.002	.001	.0004
%RSD	.5643	.3398	.6612	.0861	.0269	.1169

Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2608	.4199	.7464	5.825	1.302	3.647
Stddev	.0011	.0011	.0016	.011	.003	.002
%RSD	.4172	.2523	.2109	.1912	.2200	.0452

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5595	105.0	9.183	3.211
Stddev	.0019	1.3	.018	.005
%RSD	.3443	1.196	.1982	.1445

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	960.49	26127.	8907.7
Stddev	1.64	18.	19.8
%RSD	.17076	.07015	.22223

Sample Name: ICV Acquired: 10/25/2012 9:19:28 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	2478.	1222.	10110.	997.0	129300.
Stddev	99.	4.	2.	8.	1.2	167.
%RSD	.0801	.1728	.1882	.0749	.1187	.1295

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2521.	5014.	12440.	101100.	49610.
Stddev	2.	1.	7.	26.	49.	24.
%RSD	.1352	.0289	.1368	.2098	.0481	.0490

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	5096.	125500.	2525.	7645.	992.9
Stddev	120.	7.	126.	5.	9.	7.3
%RSD	.0960	.1304	.1005	.2026	.1156	.7364

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2462.	2541.	2490.	2496.	990.8	2513.
Stddev	10.	10.	4.	3.	2.4	1.
%RSD	.4125	.4120	.1498	.1129	.2398	.0586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 10/25/2012 9:19:28 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1004.	5030.	10050.	10070.
Stddev	1.	42.	4.	47.
%RSD	.1428	.8444	.0366	.4629

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1011.0	27341.	9078.7
Stddev	1.1	27.	5.4
%RSD	.10472	.09860	.05931

Sample Name: ICB Acquired: 10/25/2012 9:23:03 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.39	-1.293	-.3264	.9107	.1356	13.22
Stddev	10.91	1.175	.1920	.5332	.1027	9.01
%RSD	88.05	90.88	58.81	58.54	75.71	68.15

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1019	.1209	.8533	.1145	15.48	51.43
Stddev	.1976	.5817	.7338	2.257	9.97	21.30
%RSD	193.9	481.0	86.00	1970.	64.41	41.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.555	.3657	18.30	.7790	1.439	.7603
Stddev	8.320	.3091	18.52	.3657	1.204	1.076
%RSD	126.9	84.54	101.2	46.94	83.66	141.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6582	1.460	.1392	-.1496	1.957	2.244
Stddev	3.875	2.431	.6309	.1467	.925	.926
%RSD	588.7	166.5	453.1	98.06	47.26	41.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 10/25/2012 9:23:03 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-0.0108	.5070	1.851	-6.701
Stddev	.4170	.4183	1.001	5.273
%RSD	3847.	82.51	54.07	78.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1129.1	30707.	9418.5
Stddev	1.8	15.	23.9
%RSD	.15978	.04910	.25423

Sample Name: IC5A 1552029 Acquired: 10/25/2012 9:26:49 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	504200.	-9.347	-1.266	-2.357	.0208	456700.
Stddev	1241.	3.112	.112	.316	.0635	4244.
%RSD	.2461	33.30	8.863	13.42	305.7	.9294

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.669	-.1845	2.706	-2.689	194800.	70.17
Stddev	.614	.2534	.885	.662	618.	33.94
%RSD	22.99	137.4	32.72	24.61	.3170	48.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	494200.	1.714	.1044	-1.436	2.953	-3.209
Stddev	2007.	.142	32.89	1.256	2.204	4.174
%RSD	.4061	8.289	31490.	87.44	74.63	130.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.886	.0051	-4.973	-.6178	-1.399	-1.288
Stddev	10.23	4.724	.176	.6312	.319	.244
%RSD	148.6	93320.	3.539	102.2	22.84	18.94

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1552029 Acquired: 10/25/2012 9:26:49 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.831	-.1109	-.0535	-35.70
Stddev	2.075	.0466	.3405	9.19
%RSD	113.3	42.02	636.8	25.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	964.00	25734.	8817.5
Stddev	1.83	37.	52.9
%RSD	.19032	.14337	.60050

Sample Name: ICSAB 1604491 Acquired: 10/25/2012 9:30:49 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	508200.	88.58	102.6	97.74	98.27	450400.
Stddev	2744.	2.38	.2	.47	.65	2872.
%RSD	.5399	2.681	.1986	.4792	.6601	.6376

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	98.46	95.00	99.90	92.39	196800.	10360.
Stddev	.15	.36	1.51	2.16	92.	23.
%RSD	.1515	.3808	1.511	2.334	.0468	.2223

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	500600.	103.1	10440.	92.49	96.39	94.44
Stddev	113.	.2	30.	1.16	1.84	3.47
%RSD	.0225	.2332	.2872	1.258	1.905	3.674

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96.76	97.67	93.26	92.87	92.54	94.20
Stddev	5.18	2.54	.46	.36	.72	.77
%RSD	5.355	2.595	.4954	.3877	.7742	.8219

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 10/25/2012 9:30:49 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	89.65	101.4	97.71	26.23
Stddev	1.14	.3	.74	14.30
%RSD	1.277	.2899	.7575	54.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	963.09	25784.	8858.5
Stddev	2.85	89.	29.8
%RSD	.29545	.34703	.33667

Sample Name: INT-10 1790436 Acquired: 10/25/2012 9:34:46 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-32.68	4.498	1.326	.8887	.5773	53.07
Stddev	38.53	1.912	.045	.1479	.0261	33.07
%RSD	117.9	42.51	3.363	16.65	4.529	62.31

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.515	10920.	10130.	-2.501	2.767	66.06
Stddev	.076	16.	11.	.696	1.559	6.40
%RSD	5.041	.1480	.1075	27.84	56.35	9.685

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-84.65	10410.	35.95	10990.	-.5352	2.843
Stddev	32.52	9.	11.15	15.	.7065	4.034
%RSD	38.42	.0825	31.00	.1387	132.0	141.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.825	4.653	5017.	-3.952	-13.73	5128.
Stddev	3.229	3.338	5.	.120	.44	3.
%RSD	36.59	71.75	.0944	3.024	3.188	.0616

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1790436 Acquired: 10/25/2012 9:34:46 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10590.	10050.	9588.	10310.
Stddev	17.	107.	12.	589.
%RSD	.1599	1.066	.1200	5.719

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1104.5	30397.	9461.2
Stddev	2.3	26.	72.4
%RSD	.20513	.08564	.76525

Sample Name: 460-46291-i-1-b du Acquired: 10/25/2012 9:38:30 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	77.53	15.51	-3566	106.6	.0448	129900.
Stddev	5.91	2.03	.3783	.4	.0180	543.
%RSD	7.619	13.11	106.1	.3694	40.08	.4180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2830	1.653	.9465	.0840	45.52	35360.
Stddev	.0736	.144	1.364	.1756	17.85	207.
%RSD	25.99	8.723	144.1	209.0	39.21	.5866

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	80700.	260.9	F 742800.	8.240	1.958	.3735
Stddev	380.	1.7	22840.	1.061	1.386	1.594
%RSD	.4706	.6390	3.075	12.88	70.76	426.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.068	1.902	28.61	27.38	269.1	31.68
Stddev	3.175	2.680	.79	.23	1.7	.38
%RSD	52.32	140.9	2.753	.8460	.6296	1.201

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46291-i-1-b du Acquired: 10/25/2012 9:38:30 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.328	1469.	8.963	15910.
Stddev	.689	6.	.827	23.
%RSD	51.91	.3913	9.223	.1448

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	942.69	25006.	9024.6
Stddev	7.71	149.	65.2
%RSD	.81737	.59509	.72222

Sample Name: 460-46291-i-1-a Acquired: 10/25/2012 9:42:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82.25	13.58	-6540	105.4	.0279	128500.
Stddev	5.74	1.48	.3832	.3	.0742	376.
%RSD	6.979	10.94	58.59	.2859	266.0	.2924

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0690	1.098	.4253	.4931	44.71	35180.
Stddev	.0090	.209	.5950	.7030	7.66	30.
%RSD	13.10	19.05	139.9	142.6	17.13	.0848

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	80170.	258.2	F 696400.	8.373	6.766	.3770
Stddev	652.	1.2	13560.	.519	1.294	1.394
%RSD	.8129	.4461	1.947	6.197	19.12	369.9

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.272	5.388	28.14	27.82	263.7	27.62
Stddev	2.222	2.319	.55	.41	2.4	.54
%RSD	42.14	43.03	1.965	1.475	.9106	1.957

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46291-i-1-a Acquired: 10/25/2012 9:42:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.095	1448.	7.773	15570.
Stddev	.983	4.	.051	67.
%RSD	89.77	.2602	.6555	.4313

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	952.98	25070.	8967.2
Stddev	10.71	109.	54.8
%RSD	1.1239	.43566	.61088

Sample Name: sd 460-46291-i-1-a@5 Acquired: 10/25/2012 9:46:12 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.39	1.258	-3679	20.84	.0471	25620.
Stddev	5.85	2.992	.1892	.39	.0594	28.
%RSD	31.79	237.9	51.42	1.856	125.9	.1103

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1040	.4226	.9664	-1.786	18.16	6575.
Stddev	.0766	.1420	.3505	2.268	18.12	7.
%RSD	73.66	33.59	36.27	127.0	99.76	.1104

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15610.	50.80	170000.	2.688	1.684	.5959
Stddev	87.	.12	265.	.304	1.922	1.725
%RSD	.5595	.2328	.1558	11.31	114.1	289.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.163	3.745	5.731	6.754	48.87	5.619
Stddev	1.184	2.217	.113	.320	.50	.528
%RSD	101.9	59.20	1.978	4.730	1.033	9.397

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-46291-i-1-a@5 Acquired: 10/25/2012 9:46:12 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1642	283.8	1.895	2757.
Stddev	.4330	.7	.234	27.
%RSD	263.8	.2602	12.37	.9635

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1049.1	27800.	9230.0
Stddev	2.6	61.	50.9
%RSD	.24546	.22058	.55172

Sample Name: 460-46291-i-1-c ms Acquired: 10/25/2012 9:50:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2129.	2186.	54.12	2228.	51.47	149400.
Stddev	10.	7.	.59	5.	.09	121.
%RSD	.4511	.3269	1.082	.2241	.1772	.0807

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.16	511.6	212.6	258.9	1106.	56680.
Stddev	.21	1.4	2.4	2.5	11.	136.
%RSD	.4039	.2746	1.117	.9628	1.002	.2407

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	102200.	807.1	F 723500.	517.8	516.5	515.2
Stddev	804.	4.5	7614.	.7	1.8	5.0
%RSD	.7862	.5533	1.052	.1279	.3517	.9713

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2145.	2024.	556.9	557.5	789.6	526.8
Stddev	1.	16.	2.5	3.6	1.7	3.1
%RSD	.0693	.7842	.4413	.6464	.2200	.5923

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46291-i-1-c.ms Acquired: 10/25/2012 9:50:02 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	514.4	1969.	521.4	15570.
Stddev	1.6	5.	.3	26.
%RSD	.3035	.2291	.0554	.1655

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	944.93	24779.	8771.6
Stddev	4.17	164.	30.5
%RSD	.44131	.66238	.34773

Sample Name: pds 460-46291-i-1-a Acquired: 10/25/2012 9:53:45 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2030.	2074.	50.45	2120.	48.62	145800.
Stddev	8.	3.	.23	4.	.21	346.
%RSD	.4079	.1486	.4498	.1766	.4387	.2369

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.66	485.9	201.1	246.3	1053.	54960.
Stddev	.33	.9	.3	2.5	10.	141.
%RSD	.6544	.1767	.1422	1.022	.9433	.2566

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	99120.	771.8	F 702300.	495.1	491.2	482.8
Stddev	525.	2.8	10620.	3.6	.6	2.1
%RSD	.5295	.3673	1.513	.7360	.1197	.4399

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2034.	1932.	528.8	531.8	758.2	501.6
Stddev	12.	6.	.8	2.8	2.4	2.0
%RSD	.6083	.3314	.1600	.5278	.3183	.3920

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-46291-i-1-a Acquired: 10/25/2012 9:53:45 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	489.3	1910.	497.4	15180.
Stddev	1.7	8.	1.1	106.
%RSD	.3490	.4083	.2164	.6985

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	952.58	24916.	8845.6
Stddev	2.41	60.	23.6
%RSD	.25274	.23952	.26673

Sample Name: 460-46290-i-1-a Acquired: 10/25/2012 9:57:27 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	77.80	11.89	.2809	105.7	.0201	138800.
Stddev	1.06	.79	.4526	.4	.0583	153.
%RSD	1.360	6.649	161.1	.3650	290.2	.1103

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1378	1.319	.3732	1.491	36.05	35150.
Stddev	.1783	.294	.8489	1.109	2.47	40.
%RSD	129.4	22.27	227.4	74.38	6.859	.1132

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	80860.	283.1	F 693700.	9.315	6.696	.3713
Stddev	549.	1.3	17870.	1.153	1.864	3.899
%RSD	.6787	.4755	2.576	12.38	27.84	1050.

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.621	-.3221	27.70	16.40	260.5	26.72
Stddev	2.539	1.842	.61	.26	1.3	.42
%RSD	70.12	572.1	2.187	1.591	.4844	1.579

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46290-i-1-a Acquired: 10/25/2012 9:57:27 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1857	1537.	8.062	15790.
Stddev	1.157	.	.292	63.
%RSD	622.8	.0231	3.621	.3960

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	961.07	24888.	8655.7
Stddev	3.48	204.	28.0
%RSD	.36227	.81798	.32343

Sample Name: lcs 460-133441/2-a Acquired: 10/25/2012 10:01:18 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2022.	1992.	48.87	2166.	51.76	22050.
Stddev	1.	9.	.52	5.	.23	11.
%RSD	.0649	.4724	1.069	.2328	.4368	.0490

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.25	534.2	213.6	251.1	1087.	20380.
Stddev	.14	.8	.7	1.4	9.	42.
%RSD	.2564	.1477	.3191	.5412	.8219	.2043

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21970.	552.1	20740.	543.1	560.0	471.3
Stddev	63.	1.5	90.	1.4	1.8	3.5
%RSD	.2845	.2689	.4334	.2540	.3286	.7396

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2004.	F 2372.	517.5	539.2	524.3	499.2
Stddev	19.	8.	.4	.3	2.9	.8
%RSD	.9318	.3419	.0749	.0633	.5515	.1699

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2000.				
Range		15.00%				

Sample Name: lcs 460-133441/2-a Acquired: 10/25/2012 10:01:18 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	533.0	509.4	511.2	60.54
Stddev	.5	1.3	.5	16.32
%RSD	.0930	.2611	.0988	26.95

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1093.2	29182.	9231.9
Stddev	7.1	169.	19.7
%RSD	.64553	.58053	.21329

Sample Name: CCV Acquired: 10/25/2012 10:04:55 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123900.	2462.	1232.	10150.	991.1	129500.
Stddev	158.	8.	.	14.	.4	231.
%RSD	.1273	.3410	.0196	.1422	.0400	.1782

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1274.	2533.	5090.	12380.	102600.	50080.
Stddev	1.	5.	10.	42.	193.	23.
%RSD	.0752	.1997	.1954	.3421	.1884	.0454

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127000.	5176.	124400.	2524.	7702.	986.0
Stddev	204.	9.	90.	3.	14.	7.3
%RSD	.1607	.1734	.0720	.1129	.1851	.7354

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2453.	2553.	2527.	2520.	984.6	2524.
Stddev	11.	6.	3.	6.	1.8	7.
%RSD	.4625	.2546	.1048	.2229	.1796	.2576

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 10:04:55 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1015.	5120.	10080.	9762.
Stddev	2.	31.	15.	27.
%RSD	.2449	.6019	.1504	.2789

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1004.2	26875.	8882.9
Stddev	7.6	102.	28.5
%RSD	.75838	.38033	.32044

Sample Name: CCB Acquired: 10/25/2012 10:08:29 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.40	-4.554	.1014	.6381	.0862	8.378
Stddev	12.38	3.181	.1616	.1970	.0602	9.519
%RSD	75.50	69.83	159.4	30.88	69.86	113.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0432	.5452	1.102	2.029	9.493	78.66
Stddev	.0521	.2479	.149	.418	7.971	17.61
%RSD	120.6	45.46	13.56	20.58	83.97	22.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.273	.2595	115.6	.9449	3.117	-.3835
Stddev	2.566	.2568	35.9	.8348	2.162	1.443
%RSD	31.01	98.96	31.05	88.35	69.36	376.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7434	.9150	.1949	.0950	1.674	2.287
Stddev	6.412	.2614	.2773	.1255	.833	.072
%RSD	862.6	28.57	142.3	132.1	49.73	3.170

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 10:08:29 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3674	.4122	1.777	-13.27
Stddev	1.172	.4033	.685	10.37
%RSD	319.1	97.85	38.52	78.13

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1134.2	30508.	9212.9
Stddev	1.5	46.	33.9
%RSD	.12868	.14998	.36841

Sample Name: mb 460-133441/1-a Acquired: 10/25/2012 10:12:15 Type: QC

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.74	1.324	-.2002	-.1575	.0354	2.771
Stddev	3.01	1.711	.3231	.4702	.0561	6.773
%RSD	25.62	129.2	161.4	298.6	158.2	244.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1140	.3295	.7491	.4617	-2.398	34.03
Stddev	.0531	.3024	.1599	.9321	17.70	5.39
%RSD	46.55	91.77	21.35	201.9	737.9	15.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.262	-.0698	54.34	.5407	.8648	-1.447
Stddev	3.113	.0671	4.06	.1970	1.506	.786
%RSD	246.8	96.08	7.465	36.43	174.1	54.31

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.545	1.884	-.1928	.0386	-.1966	.1291
Stddev	2.910	6.097	.3096	.4364	.3637	.3499
%RSD	114.4	323.6	160.6	1130.	185.0	271.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133441/1-a Acquired: 10/25/2012 10:12:15 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4908	.0447	.1540	-8.009
Stddev	.7122	.0571	.1819	2.040
%RSD	145.1	127.9	118.1	25.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1151.0	30972.	9420.8
Stddev	12.3	315.	42.7
%RSD	1.0723	1.0169	.45293

Sample Name: 460-46291-i-2-a Acquired: 10/25/2012 10:15:59 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95.68	12.61	.3838	80.21	.0479	141900.
Stddev	2.28	4.39	.5269	.04	.0178	511.
%RSD	2.384	34.79	137.3	.0442	37.19	.3602

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0114	1.147	-.0410	1.263	70.96	35520.
Stddev	.1435	.225	.6855	.779	6.95	218.
%RSD	1262.	19.64	1674.	61.70	9.789	.6131

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82010.	351.9	F 721200.	7.601	9.611	2.127
Stddev	554.	2.3	24170.	.750	1.397	3.275
%RSD	.6755	.6568	3.351	9.864	14.53	153.9

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.776	5.130	17.30	57.18	336.6	21.05
Stddev	2.973	1.544	.88	.57	.7	.29
%RSD	62.24	30.09	5.095	.9930	.2087	1.392

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46291-i-2-a Acquired: 10/25/2012 10:15:59 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9960	1589.	8.574	16450.
Stddev	.8204	7.	.201	187.
%RSD	82.37	.4112	2.341	1.135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	944.68	24694.	8761.0
Stddev	2.38	226.	152.7
%RSD	.25245	.91436	1.7427

Sample Name: 460-46291-i-3-a Acquired: 10/25/2012 10:19:50 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	420.9	16.35	-4.914	30.43	.0926	123800.
Stddev	11.1	1.46	1.009	.29	.0605	110.
%RSD	2.629	8.931	205.4	.9388	65.34	.0889

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1456	.6910	4.811	8.569	667.3	33000.
Stddev	.1031	.2064	.737	1.883	4.9	66.
%RSD	70.79	29.86	15.31	21.98	.7322	.2001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	77210.	357.0	F 667900.	9.182	13.91	2.299
Stddev	165.	.1	7157.	.733	2.96	1.860
%RSD	.2139	.0346	1.072	7.981	21.27	80.93

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6483	2.813	19.26	37.87	668.4	19.14
Stddev	6.205	2.105	.58	.38	.2	.72
%RSD	957.2	74.81	2.989	.9993	.0343	3.739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46291-i-3-a Acquired: 10/25/2012 10:19:50 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1386	1302.	17.77	18680.
Stddev	1.124	2.	.23	185.
%RSD	811.4	.1269	1.316	.9899

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	950.23	24792.	8805.7
Stddev	1.90	152.	91.8
%RSD	.19988	.61388	1.0424

Sample Name: 460-46292-i-1-a Acquired: 10/25/2012 10:23:39 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69.35	3.753	.5739	102.8	.0371	57000.
Stddev	5.35	1.267	.7599	.5	.0284	125.
%RSD	7.722	33.76	132.4	.4472	76.54	.2200

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0996	1.935	.0557	.5795	20.77	9104.
Stddev	.1244	.356	.2871	.5300	4.13	12.
%RSD	125.0	18.42	515.9	91.46	19.88	.1316

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9671.	1082.	65660.	6.323	4.427	1.607
Stddev	21.	1.	245.	.427	1.210	1.913
%RSD	.2191	.1040	.3736	6.753	27.34	119.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.797	.5324	3.804	5.359	203.2	.3692
Stddev	1.828	4.996	.805	.139	.5	.1933
%RSD	101.7	938.4	21.16	2.594	.2598	52.37

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46292-i-1-a Acquired: 10/25/2012 10:23:39 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.023	387.7	4.806	9068.
Stddev	1.863	1.0	.367	25.
%RSD	182.2	.2580	7.643	.2709

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1072.0	28315.	9074.0
Stddev	4.5	165.	66.6
%RSD	.42252	.58260	.73364

Sample Name: 460-46292-i-2-a Acquired: 10/25/2012 10:27:20 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	72.40	-.7690	.0781	78.54	.0387	42560.
Stddev	3.20	.5804	.3896	.06	.0427	114.
%RSD	4.415	75.47	498.7	.0721	110.5	.2688

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0175	2.359	.8778	.3180	64.21	9213.
Stddev	.0685	.055	.3000	.6480	7.80	18.
%RSD	391.3	2.326	34.18	203.8	12.15	.1992

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9376.	823.5	67620.	7.936	5.063	-1.775
Stddev	14.	.9	103.	.662	.305	2.955
%RSD	.1456	.1065	.1529	8.337	6.018	166.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.666	3.370	1.693	20.20	210.3	.1833
Stddev	3.138	1.984	.691	.22	1.0	.6584
%RSD	85.60	58.88	40.85	1.093	.4784	359.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46292-i-2-a Acquired: 10/25/2012 10:27:20 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3159	291.1	4.874	8751.
Stddev	.5002	.9	.483	34.
%RSD	158.3	.3006	9.916	.3909

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1071.1	28393.	9090.2
Stddev	6.8	155.	55.9
%RSD	.63829	.54746	.61496

Sample Name: 460-46292-i-3-a Acquired: 10/25/2012 10:31:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5583.	16.99	-1.1573	348.6	.3659	40850.
Stddev	15.	.62	.2338	1.5	.0557	37.
%RSD	.2679	3.664	148.7	.4281	15.23	.0912

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2737	3.303	12.55	21.81	16720.	9259.
Stddev	.1242	.160	.19	1.90	16.	28.
%RSD	45.36	4.835	1.552	8.710	.0950	.3023

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10080.	679.5	53920.	9.883	19.67	-4.938
Stddev	47.	1.1	35.	.208	1.27	1.937
%RSD	.4703	.1600	.0647	2.101	6.467	392.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7997	1.740	30.34	73.00	235.8	2.496
Stddev	6.052	4.734	.17	.11	1.5	.479
%RSD	756.8	272.0	.5448	.1564	.6407	19.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46292-i-3-a Acquired: 10/25/2012 10:31:02 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9198	577.1	239.9	14340.
Stddev	.0912	1.2	2.6	88.
%RSD	9.911	.2101	1.102	.6108

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1079.1	28718.	9278.1
Stddev	7.6	174.	33.2
%RSD	.70792	.60598	.35760

Sample Name: 460-46324-i-1-a Acquired: 10/25/2012 10:34:40 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3313.	11.59	-4054	73.54	.0945	55100.
Stddev	13.	1.42	.1636	.62	.1133	259.
%RSD	.3996	12.23	40.35	.8390	119.8	.4701

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3690	1.993	6.712	17.76	4159.	24350.
Stddev	.2665	.093	.549	.96	17.	139.
%RSD	72.20	4.679	8.186	5.428	.4023	.5697

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65330.	172.7	F 546600.	11.78	32.73	-1.189
Stddev	165.	1.1	11280.	.68	1.86	2.595
%RSD	.2518	.6327	2.065	5.772	5.672	218.2

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.703	.2362	33.12	225.8	789.5	19.32
Stddev	5.250	2.266	.29	.4	5.8	.33
%RSD	141.8	959.1	.8812	.1809	.7397	1.697

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46324-i-1-a Acquired: 10/25/2012 10:34:40 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6402	758.9	84.80	F 25770.
Stddev	.3926	4.2	1.39	407.
%RSD	61.33	.5550	1.639	1.580

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	983.87	25689.	9005.4
Stddev	3.13	82.	89.3
%RSD	.31814	.31737	.99177

Sample Name: 460-46324-i-2-a Acquired: 10/25/2012 10:38:28 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3693.	11.42	-3605	57.41	.2618	56880.
Stddev	20.	4.14	.5747	.47	.0765	97.
%RSD	.5419	36.31	159.4	.8123	29.22	.1711

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4506	2.274	8.195	19.04	4649.	24230.
Stddev	.2460	.104	.531	1.16	21.	59.
%RSD	54.58	4.592	6.479	6.101	.4578	.2438

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63930.	128.4	F 536600.	14.83	36.37	-1.632
Stddev	395.	.5	12730.	.43	.90	1.471
%RSD	.6177	.4123	2.372	2.868	2.485	90.15

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.095	.4344	35.72	266.8	815.1	19.70
Stddev	1.802	3.172	.38	.9	7.0	.12
%RSD	164.6	730.1	1.069	.3332	.8584	.6241

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46324-i-2-a Acquired: 10/25/2012 10:38:28 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.111	738.3	95.93	F 26700.
Stddev	.484	1.6	.79	276.
%RSD	22.95	.2117	.8223	1.033

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	986.12	25972.	9084.0
Stddev	9.19	93.	74.7
%RSD	.93170	.35706	.82264

Sample Name: 460-46324-i-3-a Acquired: 10/25/2012 10:42:15 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6190.	17.77	-.2933	63.37	.3635	58550.
Stddev	29.	1.22	.1525	.35	.0353	146.
%RSD	.4651	6.848	52.00	.5530	9.719	.2497

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8309	4.143	14.30	42.73	9228.	26060.
Stddev	.1359	.030	.54	.78	43.	47.
%RSD	16.35	.7308	3.806	1.814	.4629	.1822

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62550.	256.0	F 501200.	28.53	84.66	3.060
Stddev	226.	.8	4666.	1.48	1.49	2.367
%RSD	.3610	.3279	.9310	5.174	1.766	77.36

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.533	3.660	49.66	628.6	794.4	16.55
Stddev	2.143	.833	.42	3.1	3.5	.41
%RSD	38.74	22.76	.8424	.4987	.4346	2.456

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46324-i-3-a Acquired: 10/25/2012 10:42:15 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.079	711.2	159.0	F 30670.
Stddev	.725	1.8	.1	51.
%RSD	23.55	.2516	.0775	.1659

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	992.77	26327.	9243.4
Stddev	7.64	98.	99.0
%RSD	.76941	.37383	1.0715

Sample Name: 460-46325-i-1-a Acquired: 10/25/2012 10:46:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71.34	2.693	.5129	24.21	.0244	109200.
Stddev	3.50	3.164	.0613	.07	.0422	263.
%RSD	4.903	117.5	11.95	.2758	173.3	.2411

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2071	1.004	.1411	.9785	61.29	15710.
Stddev	.1007	.358	.3958	1.969	8.85	40.
%RSD	48.64	35.70	280.5	201.2	14.44	.2567

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31370.	617.4	178200.	1.843	9.173	-1.479
Stddev	103.	3.3	3091.	.855	.511	.580
%RSD	.3275	.5338	1.734	46.39	5.575	39.21

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.624	.3342	2.837	17.60	294.0	3.779
Stddev	5.211	2.391	.523	.37	.5	.239
%RSD	78.66	715.6	18.44	2.087	.1764	6.328

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46325-i-1-a Acquired: 10/25/2012 10:46:02 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2774	633.0	7.378	F 20930.
Stddev	.5323	2.5	.533	17.
%RSD	191.9	.3897	7.226	.0832

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1019.4	27245.	9238.2
Stddev	5.5	118.	27.1
%RSD	.53760	.43151	.29385

Sample Name: CCV Acquired: 10/25/2012 10:49:54 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123000.	2469.	1229.	10170.	978.2	128900.
Stddev	597.	5.	4.	18.	4.9	612.
%RSD	.4851	.2022	.3513	.1819	.4969	.4748

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1273.	2534.	5024.	12300.	101200.	50140.
Stddev	2.	5.	43.	26.	716.	227.
%RSD	.1933	.2074	.8531	.2096	.7074	.4523

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	5116.	124700.	2515.	7691.	989.4
Stddev	1270.	39.	601.	8.	22.	6.6
%RSD	1.015	.7617	.4819	.3011	.2912	.6622

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2467.	2569.	2511.	2499.	987.1	2534.
Stddev	4.	10.	15.	16.	5.3	7.
%RSD	.1748	.3840	.5970	.6409	.5386	.2673

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 10:49:54 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1011.	5073.	10010.	9885.
Stddev	5.	69.	46.	68.
%RSD	.5085	1.360	.4640	.6900

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	996.43	27001.	9054.0
Stddev	6.49	60.	67.0
%RSD	.65139	.22235	.73999

Sample Name: CCB Acquired: 10/25/2012 10:53:28 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.80	-.9237	-.5029	.5788	.1354	6.409
Stddev	9.28	1.408	.4747	.1616	.1165	6.482
%RSD	85.97	152.4	94.40	27.92	86.07	101.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1857	.2125	1.115	.9567	11.63	72.31
Stddev	.1288	.1739	.159	1.973	5.81	17.57
%RSD	69.39	81.85	14.28	206.2	49.93	24.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.298	.3443	99.51	.3886	1.344	-.0766
Stddev	8.289	.3004	32.81	.4851	1.033	1.924
%RSD	192.9	87.23	32.97	124.9	76.82	2512.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.869	2.518	.0830	.0994	1.670	2.723
Stddev	3.134	.810	.4639	.6160	.843	.675
%RSD	53.39	32.16	559.1	619.7	50.48	24.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 10:53:28 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3822	.3979	1.600	-16.13
Stddev	1.124	.3656	.722	6.94
%RSD	294.0	91.89	45.10	43.04

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1136.7	30662.	9298.4
Stddev	4.0	83.	41.3
%RSD	.35606	.27132	.44439

Sample Name: 460-46325-i-2-a Acquired: 10/25/2012 10:57:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	70.32	2.531	-.5097	22.01	.0461	109200.
Stddev	13.64	3.857	.3667	.24	.0759	92.
%RSD	19.40	152.4	71.94	1.088	164.7	.0845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1016	1.193	.6598	.8798	84.47	15700.
Stddev	.1852	.118	.3444	2.058	3.06	25.
%RSD	182.4	9.868	52.19	233.9	3.622	.1606

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31880.	573.8	179900.	4.594	5.531	-1.920
Stddev	198.	3.5	1873.	1.004	1.692	1.141
%RSD	.6207	.6164	1.041	21.87	30.58	59.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.884	6.660	2.242	79.75	290.9	4.589
Stddev	8.204	2.962	.075	.98	2.3	.197
%RSD	168.0	44.47	3.348	1.228	.7929	4.286

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46325-i-2-a Acquired: 10/25/2012 10:57:14 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6039	630.5	8.110	F 20850.
Stddev	1.311	2.1	.425	227.
%RSD	217.1	.3327	5.235	1.090

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1024.7	27420.	9223.9
Stddev	12.5	200.	56.9
%RSD	1.2191	.72846	.61700

Sample Name: 460-46325-i-3-a Acquired: 10/25/2012 11:01:04 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1393.	14.40	-.5390	42.22	.1885	81280.
Stddev	10.	2.02	.3673	.25	.0402	179.
%RSD	.7484	14.04	68.15	.5888	21.34	.2204

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1922	2.780	5.831	17.96	4315.	13890.
Stddev	.1765	.160	.220	1.33	6.	28.
%RSD	91.86	5.741	3.768	7.419	.1409	.2013

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33030.	400.1	144900.	30.16	56.71	-.2704
Stddev	126.	.9	1125.	.77	1.25	.8331
%RSD	.3808	.2183	.7761	2.559	2.199	308.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6858	2.487	8.825	190.8	220.9	3.852
Stddev	1.871	1.385	.540	.3	1.6	.291
%RSD	272.8	55.72	6.119	.1561	.7466	7.552

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46325-i-3-a Acquired: 10/25/2012 11:01:04 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.613	447.9	46.96	F 21940.
Stddev	.908	.9	.87	154.
%RSD	34.76	.2073	1.846	.7037

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1031.4	27686.	9401.9
Stddev	3.4	105.	97.9
%RSD	.32626	.37898	1.0417

Sample Name: 460-46326-i-1-a Acquired: 10/25/2012 11:04:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.70	4.106	-.0454	25.76	.0583	87710.
Stddev	7.47	.861	.5460	.54	.0333	161.
%RSD	13.66	20.96	1203.	2.089	57.03	.1832

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1332	1.065	.8986	.3905	84.20	14570.
Stddev	.0415	.090	.3460	.9035	6.70	18.
%RSD	31.16	8.419	38.50	231.3	7.956	.1208

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35700.	642.9	165100.	7.207	8.785	-2.933
Stddev	64.	1.3	1491.	.830	.617	1.445
%RSD	.1788	.2066	.9036	11.52	7.018	49.28

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2638	1.304	1.355	94.17	269.1	4.031
Stddev	6.198	1.561	.629	.10	.5	.307
%RSD	2350.	119.7	46.47	.1012	.1821	7.608

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46326-i-1-a Acquired: 10/25/2012 11:04:53 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8221	486.0	5.853	F 20460.
Stddev	1.136	1.3	.456	151.
%RSD	138.2	.2638	7.788	.7355

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1027.3	27359.	9131.6
Stddev	1.4	122.	77.4
%RSD	.14055	.44567	.84782

Sample Name: 460-46326-i-2-a Acquired: 10/25/2012 11:08:43 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.41	4.326	.3822	21.12	.0546	85910.
Stddev	2.95	.924	.5665	.20	.0607	47.
%RSD	4.960	21.37	148.2	.9461	111.2	.0546

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1246	1.228	1.073	1.605	88.40	14450.
Stddev	.1290	.117	.349	.430	17.19	20.
%RSD	103.5	9.538	32.59	26.77	19.45	.1368

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35330.	620.0	162200.	8.235	8.660	-.9153
Stddev	96.	1.7	1099.	1.298	1.823	.9443
%RSD	.2722	.2681	.6771	15.76	21.05	103.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.236	3.804	1.740	138.9	272.7	4.314
Stddev	1.762	4.069	.120	1.0	.3	.467
%RSD	54.45	107.0	6.877	.7091	.0964	10.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46326-i-2-a Acquired: 10/25/2012 11:08:43 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7160	476.4	6.809	F 20360.
Stddev	.2997	1.0	.218	147.
%RSD	41.86	.2060	3.203	.7211

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1027.2	27416.	9148.1
Stddev	8.2	122.	68.4
%RSD	.80090	.44557	.74723

Sample Name: 460-46326-i-3-a Acquired: 10/25/2012 11:12:32 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5081.	37.54	-1.668	166.6	.2965	85680.
Stddev	11.	2.17	.3750	.4	.0618	196.
%RSD	.2243	5.783	224.8	.2694	20.85	.2282

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6465	8.086	24.98	101.3	18220.	16900.
Stddev	.0724	.360	.40	2.3	117.	12.
%RSD	11.19	4.457	1.594	2.303	.6406	.0724

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34170.	649.4	158900.	53.90	212.1	-2.973
Stddev	128.	.7	312.	.78	1.7	2.239
%RSD	.3744	.1113	.1962	1.438	.8018	75.33

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0245	2.858	27.93	289.3	234.1	5.256
Stddev	.9879	2.101	.41	.7	.1	.638
%RSD	4027.	73.51	1.473	.2442	.0291	12.14

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Sample Name: 460-46326-i-3-a Acquired: 10/25/2012 11:12:32 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.372	528.4	178.5	F 25540.
Stddev	.771	.8	2.2	31.
%RSD	9.208	.1564	1.257	.1224

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1031.8	27721.	9328.2
Stddev	4.4	175.	11.7
%RSD	.42793	.63111	.12567

Sample Name: 460-46327-h-1-a Acquired: 10/25/2012 11:16:20 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65.43	4.185	-.3122	23.94	.1079	110300.
Stddev	6.71	1.766	.5081	.15	.0224	122.
%RSD	10.26	42.20	162.7	.6075	20.75	.1107

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1002	.6764	.2120	-.0473	57.08	16040.
Stddev	.1136	.2308	.2138	.4409	11.23	24.
%RSD	113.5	34.13	100.9	931.9	19.68	.1513

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31410.	620.3	184900.	3.107	5.920	-2.850
Stddev	139.	2.5	651.	.502	2.005	1.833
%RSD	.4421	.4042	.3519	16.16	33.87	64.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3856	3.944	2.933	293.3	293.2	3.568
Stddev	3.866	3.319	.460	1.0	.3	.156
%RSD	1003.	84.14	15.67	.3369	.0965	4.360

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46327-h-1-a Acquired: 10/25/2012 11:16:20 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3696	638.5	7.065	F 20350.
Stddev	.4613	.9	.357	230.
%RSD	124.8	.1396	5.047	1.130

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1030.5	27248.	9105.8
Stddev	2.3	64.	75.8
%RSD	.22617	.23391	.83248

Sample Name: 460-46329-h-1-a Acquired: 10/25/2012 11:20:09 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4085.	14.61	-.0243	73.78	.2967	55750.
Stddev	15.	1.32	.2855	.35	.0044	77.
%RSD	.3607	9.015	1175.	.4738	1.470	.1380

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4473	2.213	8.578	20.53	5002.	24750.
Stddev	.1489	.640	.849	1.11	31.	96.
%RSD	33.29	28.92	9.900	5.387	.6222	.3879

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	64280.	107.2	F 546200.	11.74	39.95	.2518
Stddev	115.	.2	10450.	1.36	2.50	2.622
%RSD	.1784	.1535	1.913	11.59	6.270	1041.

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4578	4.747	37.17	344.8	766.6	19.84
Stddev	1.649	3.689	.80	.2	2.5	.41
%RSD	360.3	77.70	2.159	.0495	.3281	2.063

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46329-h-1-a Acquired: 10/25/2012 11:20:09 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.574	756.2	101.7	F 26960.
Stddev	1.402	1.8	.8	133.
%RSD	54.48	.2316	.8154	.4936

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	990.13	25928.	9034.7
Stddev	5.34	132.	59.5
%RSD	.53972	.50976	.65912

Sample Name: 460-46225-e-6-b@10 Acquired: 10/25/2012 11:23:56 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62.01	-2.955	-.4670	65.97	.1110	30860.
Stddev	7.33	1.719	.4805	.35	.0310	116.
%RSD	11.82	58.16	102.9	.5320	27.91	.3751

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1075	.6268	.7204	.8226	1011.	11470.
Stddev	.0672	.3763	.6003	.8742	20.	77.
%RSD	62.54	60.03	83.33	106.3	1.944	.6723

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35920.	80.67	F 283400.	1.076	2.779	-.1867
Stddev	424.	1.14	2183.	.279	.634	4.903
%RSD	1.179	1.418	.7705	25.94	22.80	2626.

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.227	2.354	.3784	2.413	126.9	-.1972
Stddev	1.854	1.857	.0543	.273	1.3	.4510
%RSD	83.23	78.89	14.34	11.31	.9848	228.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-6-b@10 Acquired: 10/25/2012 11:23:56 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1833	311.5	4.015	1163.
Stddev	.3521	1.2	.264	9.
%RSD	192.1	.3723	6.581	.7856

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1037.8	26853.	8996.7
Stddev	3.0	64.	91.2
%RSD	.28503	.23791	1.0136

Sample Name: 460-46225-e-7-b@5 Acquired: 10/25/2012 11:27:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2954.	-.4947	.2635	339.2	.0616	38440.
Stddev	12.	2.978	.4367	.9	.0221	103.
%RSD	.4083	602.1	165.7	.2617	35.82	.2675

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0023	2.733	6.723	11.75	10920.	5976.
Stddev	.2000	.290	1.082	.88	21.	7.
%RSD	8666.	10.62	16.09	7.528	.1906	.1101

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10040.	306.2	96800.	5.917	30.04	.1582
Stddev	35.	.9	243.	1.179	1.93	.7272
%RSD	.3522	.2991	.2512	19.92	6.439	459.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0229	1.071	7.321	28.91	66.98	.4587
Stddev	6.017	3.730	.063	.47	.86	.6628
%RSD	26220.	348.2	.8645	1.623	1.281	144.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-7-b@5 Acquired: 10/25/2012 11:27:47 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.394	262.4	186.1	6831.
Stddev	1.122	1.1	.9	46.
%RSD	80.48	.4147	.4924	.6674

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1084.0	28382.	9052.4
Stddev	2.8	61.	51.1
%RSD	.26054	.21595	.56474

Sample Name: 460-46225-e-8-b@10 Acquired: 10/25/2012 11:31:25 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	152.4	-1.614	.0925	29.86	.0738	28460.
Stddev	3.8	2.575	.4413	.57	.0529	595.
%RSD	2.466	159.6	477.0	1.912	71.70	2.089

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1434	.9642	.4465	.8403	732.6	11890.
Stddev	.0699	.1317	.7298	.3340	23.5	199.
%RSD	48.73	13.66	163.4	39.75	3.205	1.676

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39270.	486.5	F 308900.	.9962	3.022	-4.307
Stddev	851.	10.3	8059.	.3221	.268	1.509
%RSD	2.166	2.115	2.609	32.34	8.861	35.03

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8854	2.022	.7243	3.146	133.8	.4872
Stddev	3.433	1.563	.1575	.044	.3	.0519
%RSD	387.7	77.30	21.74	1.413	.2510	10.66

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-8-b@10 Acquired: 10/25/2012 11:31:25 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9185	312.4	9.435	1031.
Stddev	1.160	5.7	.508	11.
%RSD	126.2	1.836	5.383	1.075

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1043.3	27054.	8983.1
Stddev	3.3	378.	222.3
%RSD	.32016	1.3971	2.4747

Sample Name: CCV Acquired: 10/25/2012 11:37:56 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120700.	2422.	1209.	9957.	959.7	126500.
Stddev	235.	9.	1.	26.	.9	236.
%RSD	.1948	.3562	.1042	.2652	.0938	.1869

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1249.	2482.	4948.	12040.	99290.	49430.
Stddev	2.	6.	14.	33.	342.	34.
%RSD	.1217	.2560	.2748	.2770	.3440	.0690

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123000.	5022.	123000.	2466.	7548.	970.8
Stddev	280.	10.	214.	11.	8.	10.0
%RSD	.2278	.1924	.1739	.4405	.1072	1.025

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2422.	2524.	2465.	2454.	966.0	2477.
Stddev	3.	2.	3.	3.	1.4	6.
%RSD	.1253	.0651	.1232	.1030	.1437	.2334

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 11:37:56 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	991.1	4992.	9810.	9634.
Stddev	1.5	22.	12.	57.
%RSD	.1483	.4414	.1210	.5875

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1019.3	27518.	9209.2
Stddev	4.5	32.	28.6
%RSD	.44030	.11610	.31081

Sample Name: CCB Acquired: 10/25/2012 11:41:29 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.01	-4.846	.2872	.6977	.1660	10.57
Stddev	11.43	2.072	.3557	.3513	.0454	8.45
%RSD	76.11	42.75	123.9	50.35	27.33	79.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0639	.0380	.8648	1.964	10.65	60.36
Stddev	.0477	.6401	.3874	.979	11.98	28.09
%RSD	74.61	1686.	44.80	49.81	112.5	46.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.325	.3373	74.39	-.1728	1.160	-.1549
Stddev	6.872	.3226	27.12	.5353	.956	1.598
%RSD	93.82	95.65	36.46	309.8	82.35	1032.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.034	2.334	.1259	.0563	1.142	2.064
Stddev	6.909	2.423	.5100	.1685	.696	.450
%RSD	227.7	103.8	405.0	299.5	60.99	21.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 11:41:29 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4375	.4532	1.726	-1.181
Stddev	.1111	.3553	.751	4.940
%RSD	25.40	78.42	43.51	418.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1142.7	30929.	9433.0
Stddev	4.5	78.	62.0
%RSD	.39038	.25275	.65701

Sample Name: 460-46225-e-9-a@10 Acquired: 10/25/2012 11:45:16 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36380.	15.32	-.1374	468.0	2.223	72080.
Stddev	9.	4.33	.3441	.8	.045	77.
%RSD	.0255	28.22	250.5	.1652	2.047	.1071

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.173	40.84	78.91	122.5	64980.	12540.
Stddev	.073	.29	.57	.7	157.	19.
%RSD	6.254	.7102	.7275	.5991	.2409	.1488

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31240.	2324.	136000.	85.83	285.8	1.896
Stddev	80.	3.	933.	.74	1.9	2.315
%RSD	.2549	.1273	.6860	.8643	.6593	122.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3817	1.623	82.10	663.7	84.08	2.823
Stddev	.4614	2.071	.73	1.1	.66	.298
%RSD	120.9	127.7	.8895	.1656	.7811	10.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-9-a@10 Acquired: 10/25/2012 11:45:16 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.86	506.9	963.7	7858.
Stddev	1.16	1.3	1.7	787.
%RSD	7.810	.2553	.1719	10.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1117.3	29602.	9698.3
Stddev	2.7	47.	14.2
%RSD	.24343	.15725	.14647

Sample Name: 460-46192-e-1-b@5 Acquired: 10/25/2012 11:49:01 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.70	-1.472	.0287	120.5	.1024	20450.
Stddev	4.45	.850	.3291	1.2	.0438	38.
%RSD	26.66	57.71	1146.	1.009	42.75	.1849

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0618	.3554	1.309	.0463	7636.	459.2
Stddev	.0350	.1694	.359	.3055	12.	14.0
%RSD	56.69	47.67	27.43	660.0	.1519	3.056

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26750.	683.7	51330.	-.1816	1.175	-1.469
Stddev	109.	1.6	34.	.8992	1.850	2.720
%RSD	.4055	.2396	.0665	495.3	157.4	185.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7279	1.098	-.0443	1.798	-1.009	-.2314
Stddev	2.244	2.162	.4293	.119	.618	.2148
%RSD	308.3	196.8	969.3	6.602	61.23	92.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46192-e-1-b@5 Acquired: 10/25/2012 11:49:01 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.078	189.7	1.076	1949.
Stddev	.816	.2	.539	29.
%RSD	75.68	.1001	50.12	1.468

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1103.9	29505.	9366.8
Stddev	2.4	42.	49.8
%RSD	.22113	.14148	.53196

Sample Name: 460-46225-d-6-b@20 Acquired: 10/25/2012 11:52:42 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.86	-1.709	-.4423	32.06	.0464	16210.
Stddev	1.87	5.503	.0985	.21	.0852	12.
%RSD	17.21	322.1	22.27	.6415	183.6	.0733

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0010	.0952	.6211	-.1784	15.71	5964.
Stddev	.1312	.0752	.3615	.5136	4.77	10.
%RSD	12990.	79.02	58.20	287.9	30.34	.1666

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18870.	41.63	158100.	.4352	1.187	-2.141
Stddev	82.	.20	972.	1.154	1.535	1.431
%RSD	.4369	.4921	.6145	265.2	129.3	66.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.291	3.078	.2925	.3796	64.68	.2661
Stddev	6.645	2.987	.2165	.2198	.16	.2755
%RSD	514.6	97.04	74.02	57.90	.2546	103.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-6-b@20 Acquired: 10/25/2012 11:52:42 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1448	163.5	1.183	525.5
Stddev	1.425	.2	.643	7.9
%RSD	984.7	.1354	54.34	1.510

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1083.2	28397.	9175.9
Stddev	3.3	111.	97.1
%RSD	.30253	.38957	1.0581

Sample Name: 460-46225-d-7-b@10 Acquired: 10/25/2012 11:56:34 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.48	-1.159	-.3523	247.2	.0498	38770.
Stddev	1.45	1.249	.7842	.4	.1008	153.
%RSD	5.483	107.8	222.6	.1778	202.6	.3939

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0649	.1019	.3775	.5571	122.0	5812.
Stddev	.1606	.1119	.3142	1.071	10.4	7.
%RSD	247.6	109.8	83.22	192.3	8.483	.1279

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8888.	226.0	104000.	1.288	2.002	-2.022
Stddev	8.	.4	403.	.698	.630	3.484
%RSD	.0898	.1979	.3871	54.24	31.45	172.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.730	3.709	-.0574	2.882	72.14	.5604
Stddev	2.085	3.048	.3430	.201	.89	.1262
%RSD	36.38	82.18	597.2	6.988	1.227	22.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-7-b@10 Acquired: 10/25/2012 11:56:34 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4858	268.3	2.834	2631.
Stddev	.1703	1.6	.403	24.
%RSD	35.06	.5796	14.23	.9078

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1093.1	28750.	9245.3
Stddev	3.5	122.	61.5
%RSD	.31915	.42598	.66535

Sample Name: 460-46225-d-8-b@2 Acquired: 10/25/2012 12:00:15 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	75.21	-4.848	.2653	148.1	.0268	160200.
Stddev	6.54	1.150	.7856	.5	.0340	1248.
%RSD	8.694	23.73	296.1	.3254	126.8	.7790

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0109	3.358	-.7460	2.722	-10.91	72800.
Stddev	.1704	.085	.4510	1.496	12.08	717.
%RSD	1565.	2.539	60.46	54.96	110.7	.9844

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	227500.	2714.	F 1120000.	2.536	2.375	.4391
Stddev	960.	6.	25790.	.539	1.321	3.580
%RSD	.4219	.2333	2.304	21.25	55.62	815.5

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.17	1.304	.9228	2.914	794.5	3.551
Stddev	3.53	3.861	.3396	.237	4.9	.150
%RSD	34.72	296.1	36.80	8.122	.6218	4.232

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-8-b@2 Acquired: 10/25/2012 12:00:15 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.236	1793.	8.609	5328.
Stddev	1.895	13.	.259	21.
%RSD	153.3	.7032	3.003	.3931

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	899.98	23351.	8520.0
Stddev	2.54	18.	53.7
%RSD	.28188	.07893	.63086

Sample Name: 460-46225-d-8-b@20 Acquired: 10/25/2012 12:04:04 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.25	-2.429	-.2790	15.13	.0898	16200.
Stddev	11.69	2.791	.1567	.17	.0236	40.
%RSD	38.65	114.9	56.16	1.114	26.31	.2448

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0085	.4857	.7527	.5989	35.96	6779.
Stddev	.1160	.2076	.2813	1.824	.50	5.
%RSD	1372.	42.76	37.38	304.6	1.383	.0781

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22370.	275.0	181200.	1.013	.1563	-2.059
Stddev	106.	.5	385.	.419	.2138	.786
%RSD	.4739	.1690	.2127	41.32	136.8	38.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.280	.4957	-.1923	29.71	76.57	.4665
Stddev	2.182	3.711	.5816	.18	.76	.4444
%RSD	41.33	748.7	302.5	.5935	.9892	95.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-8-b@20 Acquired: 10/25/2012 12:04:04 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0744	178.3	.8432	443.5
Stddev	1.119	.9	.5651	16.5
%RSD	1505.	.5024	67.02	3.712

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1061.2	28223.	9248.3
Stddev	4.5	49.	47.1
%RSD	.42025	.17493	.50920

Sample Name: 460-46225-d-9-b@10 Acquired: 10/25/2012 12:07:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.20	-.3247	-.2910	36.16	.0288	30170.
Stddev	3.06	1.428	.2904	.54	.0301	37.
%RSD	17.77	439.6	99.82	1.487	104.5	.1225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0429	.3127	.8632	-.7355	8.854	6771.
Stddev	.0859	.3385	.4157	1.245	2.828	24.
%RSD	200.2	108.2	48.15	169.3	31.94	.3574

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17590.	429.8	159400.	.4666	2.726	.1370
Stddev	52.	.8	1422.	.7265	1.504	2.439
%RSD	.2930	.1848	.8925	155.7	55.18	1780.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.376	.7447	.8367	.8035	77.64	.8850
Stddev	5.297	.0497	.1319	.1336	.61	.4795
%RSD	121.0	6.678	15.77	16.63	.7849	54.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-d-9-b@10 Acquired: 10/25/2012 12:07:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7091	258.5	2.276	1385.
Stddev	.3673	.6	.670	21.
%RSD	51.81	.2223	29.45	1.520

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1053.5	28094.	9338.2
Stddev	2.4	23.	48.7
%RSD	.22499	.08116	.52114

Sample Name: 460-46225-e-6-b@20 Acquired: 10/25/2012 12:11:45 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.83	-.7362	-.0221	32.85	.0485	15390.
Stddev	7.97	.9472	.2476	.27	.0471	12.
%RSD	22.89	128.7	1118.	.8331	97.12	.0790

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0150	.2925	.7273	-.8537	509.7	5648.
Stddev	.0709	.5517	.5374	.8692	8.1	19.
%RSD	474.3	188.6	73.89	101.8	1.587	.3301

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17530.	39.58	148600.	.5123	.6547	-2.386
Stddev	96.	.21	1036.	.7017	1.148	.271
%RSD	.5458	.5249	.6974	137.0	175.3	11.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1638	3.293	.4166	1.622	61.74	.1911
Stddev	2.674	1.138	.2322	.136	.74	.3826
%RSD	1632.	34.57	55.74	8.391	1.205	200.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-6-b@20 Acquired: 10/25/2012 12:11:45 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9745	155.9	2.507	566.3
Stddev	1.454	.2	.683	1.7
%RSD	149.2	.1352	27.25	.3032

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1067.6	28409.	9357.4
Stddev	1.7	74.	72.9
%RSD	.15849	.25997	.77947

Sample Name: 460-46225-e-8-b@20 Acquired: 10/25/2012 12:15:36 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82.11	-.9414	-.3516	14.86	.0481	14160.
Stddev	1.31	1.700	.3616	.20	.0210	53.
%RSD	1.598	180.6	102.9	1.376	43.75	.3777

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0885	.5019	.8482	-.4373	369.6	5868.
Stddev	.1809	.1724	.1915	1.710	7.7	35.
%RSD	204.3	34.35	22.58	391.0	2.074	.5936

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19530.	241.4	159400.	.2521	1.396	-1.735
Stddev	47.	.8	131.	.5515	.982	.175
%RSD	.2394	.3470	.0819	218.8	70.38	10.08

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4173	.8726	.0938	2.841	65.82	.3665
Stddev	3.601	.8264	.3374	.103	.80	.3915
%RSD	862.8	94.70	359.6	3.644	1.220	106.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46225-e-8-b@20 Acquired: 10/25/2012 12:15:36 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3963	156.4	5.002	491.8
Stddev	.6841	.8	.321	5.6
%RSD	172.6	.5101	6.426	1.148

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1071.2	28379.	9278.6
Stddev	6.8	33.	69.0
%RSD	.63905	.11739	.74338

Sample Name: lcs 460-133498/2-a Acquired: 10/25/2012 12:19:27 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2072.	2056.	50.63	2229.	52.26	22570.
Stddev	6.	9.	.51	6.	.30	16.
%RSD	.3039	.4182	1.017	.2680	.5765	.0692

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55.88	549.8	217.5	256.6	1113.	21090.
Stddev	.28	.8	.5	1.9	13.	24.
%RSD	.4977	.1422	.2504	.7594	1.140	.1121

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22370.	564.2	21410.	557.8	571.1	488.9
Stddev	60.	.8	20.	.6	1.6	4.2
%RSD	.2691	.1400	.0927	.1075	.2747	.8651

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2082.	F 2449.	531.8	550.1	553.0	515.7
Stddev	12.	9.	.1	2.4	1.7	2.8
%RSD	.5766	.3870	.0196	.4299	.3134	.5459

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2000.				
Range		15.00%				

Sample Name: lcs 460-133498/2-a Acquired: 10/25/2012 12:19:27 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	547.7	526.6	522.4	112.2
Stddev	1.9	1.3	1.5	28.4
%RSD	.3491	.2509	.2926	25.32

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1093.8	29607.	9485.7
Stddev	11.5	235.	19.9
%RSD	1.0496	.79220	.20961

Sample Name: CCV Acquired: 10/25/2012 12:23:04 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	2437.	1209.	9993.	961.8	126800.
Stddev	177.	14.	2.	11.	1.3	378.
%RSD	.1457	.5713	.1441	.1082	.1365	.2983

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1247.	2488.	4959.	12060.	99300.	49710.
Stddev	1.	3.	26.	52.	372.	144.
%RSD	.0565	.1250	.5315	.4281	.3745	.2896

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	5026.	123700.	2489.	7544.	976.4
Stddev	690.	18.	325.	4.	2.	5.2
%RSD	.5604	.3545	.2625	.1519	.0244	.5328

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2435.	2516.	2472.	2446.	972.9	2486.
Stddev	15.	10.	4.	5.	3.0	8.
%RSD	.6263	.3947	.1633	.2230	.3070	.3141

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 12:23:04 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	989.0	5046.	9824.	9653.
Stddev	3.3	43.	29.	20.
%RSD	.3289	.8437	.2966	.2062

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1014.9	27541.	9171.9
Stddev	6.4	109.	31.3
%RSD	.62572	.39570	.34112

Sample Name: CCB Acquired: 10/25/2012 12:26:37 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.88	-.3253	-.1349	.5838	.1484	11.20
Stddev	14.48	1.964	.5246	.2231	.0325	8.26
%RSD	66.17	603.6	388.9	38.22	21.88	73.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0421	.2997	.6279	.2054	9.937	74.26
Stddev	.0475	.4200	.1543	.8023	6.264	20.73
%RSD	112.9	140.1	24.57	390.6	63.04	27.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.634	.3349	76.04	.0994	2.746	.5725
Stddev	8.991	.2464	19.73	.7675	1.203	6.543
%RSD	135.5	73.60	25.95	772.0	43.82	1143.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.021	2.606	.0076	.2674	1.094	2.301
Stddev	5.193	3.428	.3043	.1891	.604	.720
%RSD	129.1	131.6	4017.	70.73	55.21	31.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 12:26:37 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6708	.4159	1.866	-12.06
Stddev	.4337	.3995	.308	1.28
%RSD	64.65	96.05	16.52	10.64

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1140.6	31211.	9506.8
Stddev	.8	48.	24.7
%RSD	.07038	.15447	.25952

Sample Name: mb 460-133498/1-a Acquired: 10/25/2012 12:30:23 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.899	-1.101	-.2234	.2042	.0698	-3.096
Stddev	6.810	1.341	.2823	.2991	.0607	2.585
%RSD	68.80	121.8	126.4	146.5	86.97	83.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0674	.2488	.5994	-.1644	10.12	41.99
Stddev	.0343	.0424	.5238	1.630	9.25	3.67
%RSD	50.95	17.03	87.38	991.8	91.37	8.733

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1452	.0341	35.45	1.426	.3343	-1.975
Stddev	.7649	.0682	1.34	.261	1.003	3.303
%RSD	526.6	200.0	3.785	18.30	300.1	167.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.091	4.640	-.3565	2.031	10.57	.4201
Stddev	3.292	.872	.1533	.121	.10	.4638
%RSD	157.5	18.80	43.02	5.941	.9907	110.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133498/1-a Acquired: 10/25/2012 12:30:23 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2275	.0365	.3554	34.63
Stddev	1.125	.0178	.3910	9.17
%RSD	494.5	48.75	110.0	26.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1147.3	31281.	9617.0
Stddev	7.4	235.	101.0
%RSD	.64244	.75268	1.0497

Sample Name: 460-46264-f-2-c du Acquired: 10/25/2012 12:34:07 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	58.23	.9213	.1117	202.2	.0054	104700.
Stddev	.78	1.541	.1720	.4	.0143	161.
%RSD	1.346	167.3	154.0	.1932	267.0	.1537

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1321	.5958	1.505	1.347	555.6	3945.
Stddev	.0572	.3044	.225	1.127	8.4	13.
%RSD	43.29	51.09	14.98	83.65	1.511	.3205

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15610.	467.1	80460.	2.448	1.165	-4.360
Stddev	69.	1.3	173.	1.082	1.421	1.830
%RSD	.4427	.2713	.2150	44.20	122.0	41.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.548	1.503	2.782	3.451	110.9	.1880
Stddev	.751	2.922	.326	.312	.4	.3327
%RSD	48.49	194.4	11.71	9.048	.3801	176.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-2-c du Acquired: 10/25/2012 12:34:07 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1322	191.6	8.078	9997.
Stddev	.8079	.1	.176	40.
%RSD	611.3	.0704	2.175	.4043

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1048.3	28421.	9335.7
Stddev	4.6	146.	21.8
%RSD	.43561	.51361	.23352

Sample Name: 460-46264-f-2-b Acquired: 10/25/2012 12:37:49 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56.98	-1.619	-.1280	184.6	.0832	95800.
Stddev	6.38	2.076	.1801	.4	.0422	147.
%RSD	11.20	128.2	140.8	.2355	50.75	.1537

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0569	.7091	1.866	.2906	508.4	3600.
Stddev	.0770	.1004	.115	.4673	10.8	11.
%RSD	135.3	14.16	6.157	160.8	2.120	.3101

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14290.	427.6	73330.	1.703	3.951	-4.104
Stddev	42.	.4	176.	1.384	.847	2.590
%RSD	.2933	.0925	.2405	81.26	21.44	63.11

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.581	1.603	2.276	3.210	101.7	-.0862
Stddev	3.746	3.013	.210	.100	.4	.4018
%RSD	49.42	188.0	9.236	3.117	.3569	466.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-2-b Acquired: 10/25/2012 12:37:49 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3456	174.7	7.072	9074.
Stddev	.7692	.2	.363	37.
%RSD	222.6	.1370	5.128	.4069

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1055.5	28494.	9318.3
Stddev	4.7	151.	20.1
%RSD	.44055	.53075	.21580

Sample Name: sd 460-46264-f-2-b@5 Acquired: 10/25/2012 12:41:30 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.24	-2.423	-.1464	36.12	.0137	18660.
Stddev	4.88	2.666	.2967	.41	.0299	45.
%RSD	32.04	110.0	202.7	1.145	218.5	.2426

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0830	.4225	.6369	.0538	107.5	713.1
Stddev	.1154	.2528	.6906	.7194	2.2	5.2
%RSD	139.0	59.83	108.4	1337.	2.091	.7313

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2734.	83.87	14190.	.7471	1.585	-1.920
Stddev	13.	.31	28.	.9976	1.536	.805
%RSD	.4795	.3673	.1986	133.5	96.87	41.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.816	5.474	.1701	.7069	18.26	.0623
Stddev	2.232	1.339	.3517	.3089	.87	.3730
%RSD	122.9	24.47	206.7	43.70	4.739	599.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-46264-f-2-b@5 Acquired: 10/25/2012 12:41:30 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2652	34.30	1.633	1649.
Stddev	1.031	.00	.174	15.
%RSD	388.7	.0040	10.68	.9069

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1104.2	30028.	9414.0
Stddev	2.9	58.	14.1
%RSD	.26447	.19216	.14979

Sample Name: 460-46264-f-2-d.ms Acquired: 10/25/2012 12:45:13 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2106.	2091.	50.37	2369.	51.58	122100.
Stddev	14.	3.	.39	1.	.09	213.
%RSD	.6674	.1199	.7731	.0465	.1829	.1747

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.72	531.1	214.9	252.8	1612.	24950.
Stddev	.07	.4	1.5	.3	14.	57.
%RSD	.1210	.0680	.7074	.1198	.8869	.2295

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36580.	992.1	98440.	538.1	546.7	498.8
Stddev	229.	4.4	206.	1.8	1.2	5.2
%RSD	.6260	.4466	.2094	.3339	.2204	1.038

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2033.	2272.	529.0	532.1	648.2	509.0
Stddev	10.	.	2.8	.4	1.0	1.3
%RSD	.5051	.0159	.5296	.0798	.1608	.2534

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-2-d.ms Acquired: 10/25/2012 12:45:13 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	534.6	701.3	522.7	9792.
Stddev	2.1	1.8	2.3	56.
%RSD	.3967	.2548	.4387	.5700

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1042.0	28171.	9272.4
Stddev	5.1	142.	75.4
%RSD	.48876	.50464	.81347

Sample Name: pds 460-46264-f-2-b Acquired: 10/25/2012 12:48:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1927.	1931.	46.25	2192.	47.44	113400.
Stddev	8.	6.	.55	2.	.05	110.
%RSD	.4172	.3220	1.189	.0703	.1143	.0970

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.81	489.7	197.5	232.9	1498.	22990.
Stddev	.13	.9	1.0	.9	2.	17.
%RSD	.2641	.1824	.5250	.3743	.1478	.0723

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33790.	914.4	91230.	497.6	506.5	455.4
Stddev	83.	2.1	63.	2.3	1.4	3.2
%RSD	.2465	.2320	.0686	.4622	.2667	.6981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1923.	2106.	484.2	490.6	600.1	469.7
Stddev	8.	1.	1.0	.4	3.4	3.0
%RSD	.3918	.0659	.2013	.0911	.5658	.6440

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-46264-f-2-b Acquired: 10/25/2012 12:48:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	494.2	646.3	479.3	9125.
Stddev	1.4	.9	2.2	10.
%RSD	.2879	.1337	.4684	.1141

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1042.2	28274.	9302.0
Stddev	6.7	137.	52.1
%RSD	.64632	.48489	.55979

Sample Name: 460-46330-d-1-a Acquired: 10/25/2012 12:52:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	143.7	26.27	.1958	299.4	.0443	84740.
Stddev	5.8	2.38	.6551	.3	.0425	130.
%RSD	4.011	9.054	334.5	.0998	95.98	.1532

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1354	.4115	.4016	.8646	105.8	13000.
Stddev	.0998	.0114	.7870	1.085	4.7	22.
%RSD	73.73	2.766	195.9	125.5	4.403	.1673

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19800.	1806.	102800.	3.776	4.515	12.05
Stddev	58.	3.	221.	.928	1.551	1.26
%RSD	.2912	.1933	.2150	24.59	34.36	10.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.820	3.946	4.109	1.376	498.8	32.56
Stddev	2.179	2.940	.234	.362	2.3	.94
%RSD	31.95	74.51	5.687	26.28	.4638	2.876

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46330-d-1-a Acquired: 10/25/2012 12:52:21 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5036	321.6	7.618	8371.
Stddev	1.145	.5	.790	39.
%RSD	227.3	.1526	10.37	.4664

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1039.8	28256.	9432.9
Stddev	5.0	128.	26.4
%RSD	.48106	.45255	.28034

Sample Name: 460-46330-d-2-a Acquired: 10/25/2012 12:56:02 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.172	-3.076	-.1422	.0392	.0019	15.24
Stddev	8.614	.356	.3126	.4211	.0358	10.64
%RSD	93.92	11.59	219.8	1073.	1899.	69.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0792	-.0649	.4132	-1.594	6.868	53.12
Stddev	.0855	.0913	.2981	1.525	6.996	5.05
%RSD	108.0	140.7	72.15	95.65	101.9	9.501

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.035	.1429	85.24	.7464	1.326	1.411
Stddev	5.178	.1722	21.90	1.014	1.664	2.422
%RSD	64.44	120.5	25.70	135.9	125.5	171.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.512	3.838	-.1252	-.5738	-1.538	-.0943
Stddev	3.396	1.737	.2493	.2152	.299	.2637
%RSD	96.69	45.25	199.2	37.51	19.47	279.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46330-d-2-a Acquired: 10/25/2012 12:56:02 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6870	.0401	.0598	-2.522
Stddev	1.026	.0392	.1687	9.066
%RSD	149.4	97.86	281.9	359.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1135.3	31276.	9685.4
Stddev	4.3	168.	40.7
%RSD	.38101	.53643	.42017

Sample Name: 460-46131-h-2-a Acquired: 10/25/2012 12:59:46 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31390.	31.50	4.009	82.03	24.13	156200.
Stddev	76.	.05	.201	.22	.18	857.
%RSD	.2427	.1615	5.001	.2705	.7391	.5489

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.188	274.3	76.28	1973.	30140.	8752.
Stddev	.137	1.4	1.19	16.	345.	151.
%RSD	2.220	.5087	1.566	.8013	1.146	1.722

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	101600.	F 18360.	F 488000.	188.9	23.18	-3.770
Stddev	1466.	270.	10000.	.9	.81	1.400
%RSD	1.443	1.470	2.050	.4985	3.498	37.12

Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.644	12.90	47.81	834.3	13.49	7.501
Stddev	4.235	3.53	.27	11.9	.45	.395
%RSD	49.00	27.34	.5714	1.433	3.326	5.268

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46131-h-2-a Acquired: 10/25/2012 12:59:46 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.016	712.3	144.9	F 34350.
Stddev	1.000	3.5	1.1	769.
%RSD	49.59	.4873	.7610	2.237

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1902.7	50763.	20449.
Stddev	9.0	186.	472.
%RSD	.47429	.36691	2.3065

Sample Name: 460-46131-h-7-a Acquired: 10/25/2012 13:03:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	436.2	6.115	3.741	292.7	-.0022	126100.
Stddev	11.3	2.487	.406	.2	.0650	103.
%RSD	2.586	40.67	10.86	.0637	2993.	.0819

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3297	10.33	2.260	13.72	6180.	3488.
Stddev	.3078	.33	.809	1.95	28.	31.
%RSD	93.36	3.165	35.79	14.18	.4597	.8932

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34000.	F 15660.	55770.	14.00	10.42	-3.608
Stddev	85.	25.	632.	1.45	.57	.861
%RSD	.2486	.1585	1.134	10.36	5.497	23.86

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.917	13.92	1.499	41.09	100.5	3.407
Stddev	2.066	1.65	.130	.40	.3	.374
%RSD	29.87	11.88	8.650	.9688	.2945	10.96

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46131-h-7-a Acquired: 10/25/2012 13:03:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1148	449.5	15.78	10740.
Stddev	.5216	.4	.67	37.
%RSD	454.2	.0880	4.221	.3483

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1063.0	28037.	8855.4
Stddev	7.2	242.	74.2
%RSD	.67846	.86227	.83745

Sample Name: CCV Acquired: 10/25/2012 13:07:28 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123500.	2439.	1227.	10130.	983.2	128800.
Stddev	233.	10.	4.	28.	3.0	157.
%RSD	.1887	.4231	.3564	.2746	.3072	.1218

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1273.	2523.	5151.	12140.	103000.	50650.
Stddev	3.	9.	19.	12.	250.	96.
%RSD	.2280	.3669	.3600	.0976	.2432	.1896

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	128300.	5201.	125700.	2529.	7691.	962.5
Stddev	558.	11.	425.	5.	32.	5.8
%RSD	.4346	.2144	.3382	.2137	.4169	.6005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2407.	2545.	2540.	2552.	967.8	2496.
Stddev	13.	8.	2.	4.	4.8	11.
%RSD	.5365	.3158	.0912	.1525	.4945	.4532

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 13:07:28 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1014.	5098.	9975.	9308.
Stddev	3.	34.	22.	13.
%RSD	.3243	.6571	.2204	.1391

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1014.6	26810.	8554.5
Stddev	10.3	128.	33.2
%RSD	1.0177	.47885	.38859

Sample Name: CCB Acquired: 10/25/2012 13:11:02 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.64	-1.452	.1735	.6304	.1093	11.54
Stddev	15.06	.951	.5835	.3124	.0547	9.34
%RSD	80.80	65.48	336.3	49.55	50.05	80.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0094	.4575	1.157	.4238	8.598	109.8
Stddev	.1504	.2714	.131	2.965	12.67	25.6
%RSD	1602.	59.33	11.29	699.6	147.4	23.31

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.19	.5481	407.2	.6433	2.744	-2.670
Stddev	5.31	.3545	40.0	.3226	1.446	1.842
%RSD	43.51	64.67	9.823	50.15	52.69	68.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.576	2.177	.3424	.1840	1.259	2.250
Stddev	3.185	2.466	.4626	.1552	.162	.518
%RSD	202.2	113.3	135.1	84.35	12.90	23.01

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 13:11:02 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4389	.4430	1.786	-12.34
Stddev	.8043	.3982	.525	15.11
%RSD	183.3	89.88	29.39	122.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1145.9	30472.	8882.2
Stddev	2.8	28.	25.1
%RSD	.24852	.09083	.28260

Sample Name: mb 460-133514/1-a@2 Acquired: 10/25/2012 13:14:48 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.61	-3.490	-.1026	-.0587	.0167	40.97
Stddev	2.98	2.367	.2477	.0817	.0490	6.56
%RSD	13.20	67.80	241.4	139.2	293.2	16.01

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2142	-.0392	.4419	-1.162	15.35	57.84
Stddev	.1221	.0946	.0931	1.737	9.52	6.40
%RSD	57.00	241.3	21.07	149.4	62.01	11.07

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.895	.1102	260.0	.4247	-.8151	-.4980
Stddev	2.630	.0528	30.9	.2125	.6361	3.683
%RSD	44.62	47.87	11.89	50.05	78.05	739.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.152	-.3136	.1148	.0871	4.551	.5522
Stddev	2.527	.9830	.0950	.0749	.456	.2291
%RSD	117.4	313.4	82.73	85.96	10.03	41.49

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133514/1-a@2 Acquired: 10/25/2012 13:14:48 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5929	.2499	.4056	6.172
Stddev	.8871	.0311	.5198	18.79
%RSD	149.6	12.44	128.2	304.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1138.9	30651.	8928.2
Stddev	10.1	311.	30.3
%RSD	.89039	1.0160	.33904

Sample Name: lcssrm 460-133514/2- Acquired: 10/25/2012 13:18:33 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34100.	769.4	194.0	1062.	533.2	36570.
Stddev	50.	3.3	.3	1.	1.0	50.
%RSD	.1461	.4237	.1474	.1274	.1939	.1377

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	548.9	712.5	622.1	570.2	64030.	13600.
Stddev	.4	.3	2.7	3.4	329.	19.
%RSD	.0788	.0435	.4371	.5889	.5137	.1423

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12700.	1830.	1813.	382.1	389.7	1020.
Stddev	55.	6.	14.	.6	4.5	2.
%RSD	.4360	.3467	.7944	.1478	1.153	.1986

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	593.6	1123.	438.3	1432.	412.8	361.1
Stddev	4.5	7.	1.3	2.	2.2	.8
%RSD	.7555	.6434	.2941	.1732	.5331	.2334

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-133514/2- Acquired: 10/25/2012 13:18:33 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	706.5	680.6	789.7	1228.
Stddev	1.3	.7	2.3	5.
%RSD	.1843	.1025	.2968	.3677

Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1150.9	30844.	9525.1
Stddev	1.8	52.	30.9
%RSD	.15502	.16835	.32469

Sample Name: 460-46162-t-4-g du@4 Acquired: 10/25/2012 13:22:05 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33470.	30.44	-.6718	271.3	1.643	5618.
Stddev	74.	1.58	.5880	.5	.107	23.
%RSD	.2203	5.175	87.52	.1792	6.482	.4110

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9342	25.06	72.73	68.59	60800.	1811.
Stddev	.1336	.40	.44	.68	27.	25.
%RSD	14.30	1.598	.6115	.9944	.0448	1.370

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7089.	1614.	397.7	49.68	302.4	3.516
Stddev	4.	1.	11.2	.83	1.1	.733
%RSD	.0527	.0921	2.809	1.673	.3568	20.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.338	.3742	90.20	480.8	8.019	1.445
Stddev	6.232	2.990	.12	1.6	.351	.110
%RSD	465.6	798.9	.1384	.3371	4.373	7.633

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46162-t-4-g du@4 Acquired: 10/25/2012 13:22:05 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.730	32.92	476.7	894.5
Stddev	1.076	.25	.8	5.8
%RSD	11.05	.7606	.1733	.6526

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1157.7	30840.	9338.9
Stddev	3.4	145.	24.2
%RSD	.29502	.46878	.25949

Sample Name: 460-46162-t-4-f@4 Acquired: 10/25/2012 13:25:43 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33550.	26.53	-.4347	261.5	3.143	5497.
Stddev	50.	3.94	.1556	.4	.029	13.
%RSD	.1476	14.86	35.79	.1421	.9349	.2289

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6720	31.23	99.74	124.6	60080.	1709.
Stddev	.1068	.17	.60	1.0	135.	14.
%RSD	15.89	.5579	.6031	.8158	.2242	.8190

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7341.	1669.	393.6	79.72	395.9	1.800
Stddev	22.	4.	7.2	1.52	.9	4.632
%RSD	.3024	.2308	1.836	1.902	.2307	257.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1412	1.671	87.66	808.5	15.45	3.182
Stddev	1.102	2.695	.39	1.4	.45	.273
%RSD	780.3	161.2	.4398	.1741	2.921	8.584

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46162-t-4-f@4 Acquired: 10/25/2012 13:25:43 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	28.92	31.71	545.1	899.3
Stddev	.65	.08	.2	19.3
%RSD	2.248	.2408	.0280	2.149

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1157.3	30968.	9366.1
Stddev	2.1	97.	31.2
%RSD	.18436	.31202	.33343

Sample Name: sd 460-46162-t-4-f@2 Acquired: 10/25/2012 13:29:22 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6659.	3.040	-.3353	51.87	.6326	1087.
Stddev	25.	1.135	.2401	.14	.0494	2.
%RSD	.3701	37.34	71.60	.2757	7.807	.1763

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0974	6.457	20.16	23.99	12160.	356.3
Stddev	.0707	.169	.61	.91	16.	4.2
%RSD	72.61	2.611	3.007	3.810	.1354	1.172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1500.	340.3	134.6	15.42	80.11	-1.361
Stddev	5.	.7	1.8	.52	2.10	1.824
%RSD	.3030	.2066	1.323	3.350	2.624	134.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.663	2.193	17.41	160.4	1.159	.3841
Stddev	6.696	1.750	.41	1.1	.469	.1072
%RSD	402.7	79.79	2.347	.6875	40.48	27.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-46162-t-4-f@2 Acquired: 10/25/2012 13:29:22 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.701	6.261	107.5	141.7
Stddev	.925	.057	.3	5.1
%RSD	16.23	.9059	.2813	3.604

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1160.2	30968.	9204.5
Stddev	5.4	28.	23.8
%RSD	.46938	.08914	.25820

Sample Name: 460-46162-t-4-h ms@4 Acquired: 10/25/2012 13:33:03 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49950.	940.4	22.13	1330.	26.54	17440.
Stddev	75.	5.8	.25	1.	.19	34.
%RSD	.1494	.6207	1.117	.0592	.7012	.1930

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.88	280.1	186.6	198.5	62800.	12140.
Stddev	.11	.4	2.9	1.7	308.	21.
%RSD	.4248	.1534	1.575	.8549	.4898	.1733

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19560.	1903.	10490.	313.1	557.3	121.4
Stddev	109.	8.	9.	.3	3.7	4.7
%RSD	.5558	.3950	.0902	.0804	.6573	3.851

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	892.9	1048.	353.6	756.6	227.4	230.1
Stddev	5.8	5.	.9	3.0	1.4	.9
%RSD	.6539	.4831	.2671	.4015	.6296	.3846

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Sample Name: 460-46162-t-4-h ms@4 Acquired: 10/25/2012 13:33:03 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	236.9	286.4	850.4	1425.
Stddev	.2	.4	2.4	6.
%RSD	.0644	.1430	.2865	.4024

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1137.0	30253.	9348.4
Stddev	7.3	105.	21.6
%RSD	.64334	.34788	.23125

Sample Name: pds 460-46162-t-4-f@ Acquired: 10/25/2012 13:36:37 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35390.	1799.	43.03	2231.	49.91	25530.
Stddev	57.	4.	.99	4.	.15	38.
%RSD	.1613	.2430	2.298	.1623	.3083	.1481

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.56	510.9	294.6	348.9	60510.	20430.
Stddev	.11	1.6	.4	2.0	105.	14.
%RSD	.2210	.3205	.1341	.5661	.1737	.0690

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26380.	2142.	19370.	563.9	876.1	422.0
Stddev	53.	2.	30.	1.1	3.1	.7
%RSD	.1992	.1072	.1528	.1864	.3540	.1623

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1732.	2001.	560.5	1281.	469.6	458.0
Stddev	5.	8.	1.2	2.	.8	.6
%RSD	.2824	.3777	.2116	.1773	.1605	.1261

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-46162-t-4-f@ Acquired: 10/25/2012 13:36:37 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	503.8	495.7	1009.	949.5
Stddev	.3	.9	4.	38.6
%RSD	.0578	.1856	.4305	4.067

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1127.8	30102.	9317.4
Stddev	2.7	52.	37.4
%RSD	.23510	.17419	.40087

Sample Name: 460-46331-a-1-a@4 Acquired: 10/25/2012 13:40:12 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32240.	-.6315	-.3118	343.2	1.288	46770.
Stddev	18.	3.248	.8254	.4	.045	62.
%RSD	.0567	514.4	264.7	.1107	3.492	.1325

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0634	29.00	62.10	64.41	55530.	21070.
Stddev	.0584	.14	.60	1.41	81.	27.
%RSD	92.04	.4678	.9738	2.191	.1450	.1296

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24210.	1076.	1410.	55.30	144.6	7.842
Stddev	58.	2.	7.	1.74	.4	1.523
%RSD	.2376	.1454	.5034	3.140	.2672	19.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.223	-.4310	77.20	212.8	10.72	.0398
Stddev	1.375	1.965	.75	.4	1.16	.1756
%RSD	112.4	455.9	.9741	.1765	10.83	440.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46331-a-1-a@4 Acquired: 10/25/2012 13:40:12 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.509	113.7	3297.	1660.
Stddev	.798	.1	2.	176.
%RSD	17.69	.0476	.0546	10.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1143.0	30368.	9329.1
Stddev	4.6	145.	26.1
%RSD	.40461	.47676	.28025

Sample Name: 460-46331-a-2-a@4 Acquired: 10/25/2012 13:43:50 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36670.	3.610	-.5326	387.6	1.596	62500.
Stddev	80.	.969	.8769	.7	.017	40.
%RSD	.2176	26.84	164.6	.1916	1.091	.0634

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0927	32.00	69.78	71.41	61130.	23180.
Stddev	.0974	.15	1.39	.88	194.	36.
%RSD	105.0	.4761	1.986	1.225	.3172	.1554

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26720.	1301.	1455.	61.51	163.3	5.980
Stddev	39.	3.	6.	1.79	3.4	.712
%RSD	.1448	.1945	.4162	2.904	2.073	11.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8167	2.257	84.45	265.9	13.42	.1867
Stddev	.3392	4.785	.17	.3	.86	.3574
%RSD	41.53	212.0	.2052	.0995	6.434	191.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46331-a-2-a@4 Acquired: 10/25/2012 13:43:50 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.406	152.7	3716.	2530.
Stddev	.392	.4	2.	229.
%RSD	6.125	.2753	.0561	9.065

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1146.7	30565.	9454.5
Stddev	5.2	151.	10.1
%RSD	.45389	.49320	.10731

Sample Name: 460-46332-a-1-a@4 Acquired: 10/25/2012 13:47:27 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17370.	23.79	-.9050	294.0	.8915	43200.
Stddev	43.	1.97	.2922	.9	.0379	71.
%RSD	.2502	8.261	32.29	.2957	4.251	.1651

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.650	18.77	72.73	126.2	80150.	4100.
Stddev	.058	.54	.47	.3	214.	5.
%RSD	1.021	2.884	.6440	.2623	.2674	.1208

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18980.	776.1	163.5	40.46	178.9	3.188
Stddev	73.	2.0	4.5	.66	2.2	1.123
%RSD	.3852	.2549	2.753	1.629	1.211	35.21

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.859	.6170	73.01	465.9	3.742	7.347
Stddev	2.290	2.976	.49	.7	.146	.373
%RSD	123.1	482.3	.6701	.1449	3.904	5.079

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46332-a-1-a@4 Acquired: 10/25/2012 13:47:27 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.375	169.5	800.5	678.2
Stddev	.891	.1	2.0	7.5
%RSD	13.97	.0449	.2485	1.111

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1147.1	30764.	9460.3
Stddev	6.6	90.	26.2
%RSD	.57696	.29128	.27646

Sample Name: CCV Acquired: 10/25/2012 13:51:07 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122100.	2424.	1217.	10050.	971.1	127200.
Stddev	190.	6.	2.	5.	.7	250.
%RSD	.1559	.2278	.1837	.0467	.0722	.1966

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2502.	5099.	11980.	101500.	50260.
Stddev	2.	2.	10.	15.	257.	59.
%RSD	.1311	.0949	.2013	.1245	.2537	.1172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126700.	5128.	124500.	2512.	7627.	965.1
Stddev	176.	7.	126.	1.	14.	4.8
%RSD	.1387	.1377	.1014	.0589	.1877	.4981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2401.	2511.	2507.	2532.	960.3	2474.
Stddev	2.	11.	7.	5.	4.9	1.
%RSD	.0828	.4457	.2675	.2085	.5131	.0415

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 13:51:07 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1004.	4992.	9856.	9261.
Stddev	1.	25.	8.	92.
%RSD	.0689	.4930	.0769	.9968

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1036.7	27629.	8827.7
Stddev	2.2	94.	18.4
%RSD	.21611	.33850	.20825

Sample Name: CCB Acquired: 10/25/2012 13:54:42 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.45	-1.795	.0183	.7983	.1449	7.305
Stddev	13.97	2.433	.3140	.3233	.0783	12.52
%RSD	80.10	135.5	1714.	40.50	54.03	171.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0846	.3332	.7886	.6374	14.46	81.06
Stddev	.0935	.0394	.5969	1.974	2.47	35.19
%RSD	110.5	11.82	75.70	309.8	17.05	43.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.864	.3567	59.70	.4803	-.1973	3.071
Stddev	.375	.1937	25.01	.4378	1.421	2.187
%RSD	13.09	54.30	41.89	91.14	720.3	71.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.787	3.111	.0304	.1649	.4320	2.016
Stddev	6.807	.949	.2535	.1197	.8860	.303
%RSD	381.0	30.50	834.1	72.56	205.1	15.03

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 13:54:42 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4005	.4132	1.341	-13.66
Stddev	1.232	.4080	.525	6.53
%RSD	307.7	98.73	39.15	47.80

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1156.6	31054.	9124.7
Stddev	1.9	51.	36.1
%RSD	.16224	.16374	.39601

Sample Name: 460-46331-a-3-a@4 Acquired: 10/25/2012 13:58:28 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26290.	3.165	-.9847	290.4	1.263	40970.
Stddev	11.	1.613	.1014	1.3	.033	104.
%RSD	.0427	50.96	10.30	.4425	2.623	.2534

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1005	24.38	49.09	49.70	45490.	17070.
Stddev	.1321	.09	1.39	1.49	185.	13.
%RSD	131.4	.3697	2.840	2.989	.4059	.0736

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21780.	969.0	1225.	42.35	130.4	3.657
Stddev	73.	3.5	5.	.71	1.7	2.101
%RSD	.3338	.3655	.3822	1.688	1.290	57.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1015	3.068	63.02	197.5	11.49	.1488
Stddev	5.927	2.895	.61	.5	.52	.0846
%RSD	5837.	94.36	.9729	.2283	4.523	56.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46331-a-3-a@4 Acquired: 10/25/2012 13:58:28 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.727	107.8	2607.	1152.
Stddev	.386	.5	8.	88.
%RSD	8.163	.4924	.3093	7.605

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1161.5	30988.	9531.7
Stddev	8.1	193.	47.1
%RSD	.70095	.62432	.49442

Sample Name: 460-45098-a-19-m du Acquired: 10/25/2012 14:02:07 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	237.8	.3756	-.3071	151.0	-.0133	1693.
Stddev	5.2	2.963	.1515	.3	.0891	4.
%RSD	2.168	788.8	49.34	.2294	669.0	.2250

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2749	3.811	1.073	3.192	745.6	316.1
Stddev	.1057	.130	.529	.711	11.7	25.7
%RSD	38.45	3.406	49.32	22.26	1.563	8.125

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	245.9	6.093	5455.	8.442	3.525	.3276
Stddev	1.3	.133	7.	.175	1.753	2.551
%RSD	.5084	2.179	.1207	2.078	49.72	778.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.718	2.388	.8722	163.4	35.58	.1472
Stddev	4.286	1.939	.1857	.4	.40	.0381
%RSD	249.5	81.21	21.29	.2147	1.114	25.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45098-a-19-m du Acquired: 10/25/2012 14:02:07 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3325	17.56	16.80	1250.
Stddev	.6658	.05	.98	33.
%RSD	200.2	.3100	5.843	2.604

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1152.7	31042.	9235.4
Stddev	2.4	96.	35.6
%RSD	.20611	.30912	.38554

Sample Name: 460-45098-a-19-l Acquired: 10/25/2012 14:05:51 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	227.7	.9961	.0300	147.9	.1220	1664.
Stddev	1.7	2.418	.1282	.7	.0323	3.
%RSD	.7529	242.7	428.0	.5054	26.44	.1857

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3287	3.734	1.503	4.157	709.2	311.3
Stddev	.1628	.192	.990	.422	17.9	7.1
%RSD	49.55	5.131	65.86	10.16	2.523	2.285

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	235.9	5.767	5379.	9.317	4.052	-.3820
Stddev	7.3	.053	3.	.751	.556	1.905
%RSD	3.077	.9285	.0476	8.057	13.72	498.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.301	3.199	.7895	158.3	35.75	.1601
Stddev	2.760	2.550	.3049	.5	.97	.3757
%RSD	43.80	79.71	38.63	.3084	2.716	234.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45098-a-19-l Acquired: 10/25/2012 14:05:51 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7067	17.29	14.98	1241.
Stddev	.7898	.08	1.79	36.
%RSD	111.8	.4884	11.92	2.883

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1145.2	30872.	9245.2
Stddev	3.2	46.	14.1
%RSD	.28366	.15030	.15241

Sample Name: sd 460-45098-a-19-I Acquired: 10/25/2012 14:09:34 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.51	-2.511	-.0941	29.07	.0563	329.1
Stddev	6.64	2.249	.4448	.40	.0462	3.3
%RSD	15.61	89.54	472.9	1.373	82.12	.9924

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0459	.8500	.2275	.4808	137.6	93.41
Stddev	.1734	.0418	.3502	.6038	8.5	13.43
%RSD	377.7	4.915	153.9	125.6	6.211	14.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.89	1.095	1074.	2.576	3.586	-.7962
Stddev	1.67	.044	2.	.811	1.683	1.267
%RSD	3.163	3.999	.2159	31.49	46.93	159.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2509	1.779	.2592	30.39	4.710	.0013
Stddev	4.208	2.570	.2942	.13	.938	.1043
%RSD	1677.	144.5	113.5	.4116	19.91	7727.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-45098-a-19-l Acquired: 10/25/2012 14:09:34 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2700	3.392	3.187	209.2
Stddev	.4586	.055	.877	5.7
%RSD	169.9	1.623	27.52	2.725

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1156.1	31063.	9151.3
Stddev	2.2	60.	19.6
%RSD	.18605	.19159	.21424

Sample Name: 460-45098-a-19-n.ms Acquired: 10/25/2012 14:13:18 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2242.	1938.	48.29	2303.	50.74	23340.
Stddev	2.	9.	1.90	16.	.15	74.
%RSD	.1085	.4521	3.933	.6954	.2977	.3167

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.25	529.8	220.0	246.9	1897.	20630.
Stddev	.62	3.0	7.9	2.4	74.	77.
%RSD	1.170	.5573	3.598	.9916	3.889	.3729

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21780.	566.4	26110.	543.9	544.6	469.2
Stddev	703.	19.1	71.	4.0	3.8	1.1
%RSD	3.227	3.372	.2715	.7338	.6939	.2406

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1895.	2251.	530.3	704.3	531.7	500.0
Stddev	14.	14.	18.1	4.7	2.6	4.6
%RSD	.7415	.6256	3.421	.6729	.4952	.9137

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45098-a-19-n.ms Acquired: 10/25/2012 14:13:18 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	526.9	521.2	519.1	1458.
Stddev	2.0	1.1	3.0	42.
%RSD	.3813	.2062	.5849	2.872

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1106.8	29082.	9066.6
Stddev	4.2	681.	44.2
%RSD	.37627	2.3433	.48708

Sample Name: pds 460-45098-a-19-l Acquired: 10/25/2012 14:16:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2102.	1830.	44.08	2181.	47.85	22090.
Stddev	3.	11.	.50	9.	.20	47.
%RSD	.1237	.5799	1.145	.4173	.4151	.2144

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.31	501.5	203.2	236.1	1718.	19540.
Stddev	.14	2.1	.2	2.8	14.	75.
%RSD	.2822	.4126	.0750	1.169	.8437	.3845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20290.	524.2	24780.	512.1	517.2	439.3
Stddev	96.	2.1	70.	2.9	2.5	1.6
%RSD	.4747	.4031	.2814	.5679	.4817	.3547

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1795.	2137.	491.3	656.8	503.0	473.5
Stddev	7.	9.	2.3	3.1	1.0	.7
%RSD	.4081	.4001	.4754	.4681	.2003	.1495

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-45098-a-19-l Acquired: 10/25/2012 14:16:53 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	497.1	494.2	489.6	1387.
Stddev	2.9	1.2	2.8	27.
%RSD	.5786	.2419	.5660	1.926

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1099.7	29341.	9060.4
Stddev	1.7	45.	14.7
%RSD	.15783	.15456	.16266

Sample Name: 460-45098-a-1-i Acquired: 10/25/2012 14:20:29 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	512.5	3.936	-.0114	73.29	.0313	18000.
Stddev	3.0	.140	.4268	.03	.0530	39.
%RSD	.5917	3.563	3745.	.0459	169.2	.2166

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2029	.3369	6.839	28.37	569.1	215.2
Stddev	.1168	.3221	.499	2.19	3.9	5.6
%RSD	57.54	95.61	7.303	7.705	.6768	2.594

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	312.7	1.558	7302.	1.498	7.673	1.813
Stddev	7.6	.117	22.	.754	1.211	1.103
%RSD	2.439	7.536	.3050	50.35	15.78	60.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.425	-.3072	9.476	16.84	34.47	9.629
Stddev	3.840	.6973	.147	.40	1.06	.563
%RSD	158.4	227.0	1.547	2.403	3.083	5.844

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45098-a-1-i Acquired: 10/25/2012 14:20:29 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.366	108.6	19.16	3149.
Stddev	1.199	.2	1.23	15.
%RSD	87.83	.2047	6.441	.4636

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1129.2	30324.	9168.9
Stddev	.8	10.	36.9
%RSD	.07447	.03142	.40298

Sample Name: 460-45098-a-5-k Acquired: 10/25/2012 14:24:12 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2142.	.3053	-.1733	67.79	.0440	4451.
Stddev	14.	2.407	.4372	.19	.0137	13.
%RSD	.6330	788.4	252.3	.2867	31.02	.2837

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0188	.5292	4.376	13.05	2674.	443.4
Stddev	.0863	.0739	.344	.57	18.	12.3
%RSD	459.0	13.96	7.873	4.385	.6827	2.769

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	843.0	11.01	7390.	2.748	29.36	1.270
Stddev	5.5	.12	16.	.645	3.16	2.311
%RSD	.6580	1.070	.2171	23.49	10.76	182.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.915	4.265	8.416	51.80	43.61	.7429
Stddev	2.853	.271	.269	.12	.27	.1054
%RSD	97.87	6.342	3.201	.2367	.6155	14.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45098-a-5-k Acquired: 10/25/2012 14:24:12 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.041	16.90	68.14	4133.
Stddev	.555	.08	2.07	27.
%RSD	53.31	.4719	3.037	.6453

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1140.2	30564.	9142.9
Stddev	3.9	65.	30.0
%RSD	.33808	.21169	.32773

Sample Name: 460-45098-a-13-n Acquired: 10/25/2012 14:27:54 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2545.	1.824	-.4006	49.17	-.0156	9473.
Stddev	21.	1.995	.2726	.03	.0334	40.
%RSD	.8092	109.3	68.04	.0567	214.3	.4172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0432	.3493	3.418	2.429	1120.	276.1
Stddev	.0884	.1454	.632	.625	21.	9.7
%RSD	204.5	41.62	18.48	25.74	1.844	3.505

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	258.4	3.282	7448.	1.313	9.488	-.9661
Stddev	2.0	.063	24.	.261	1.595	3.049
%RSD	.7878	1.923	.3199	19.90	16.81	315.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.302	2.045	12.26	6.612	36.59	.5941
Stddev	3.165	3.057	.24	.226	.47	.1650
%RSD	137.5	149.5	1.963	3.416	1.281	27.77

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-45098-a-13-n Acquired: 10/25/2012 14:27:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.401	21.59	145.9	5901.
Stddev	.721	.05	1.0	31.
%RSD	51.49	.2106	.6669	.5208

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1146.6	30540.	9188.1
Stddev	3.3	54.	22.2
%RSD	.28551	.17621	.24160

Sample Name: lcs 460-133499/2-a Acquired: 10/25/2012 14:31:36 Type: QC

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1984.	1926.	47.20	2158.	50.74	21660.
Stddev	2.	11.	.45	2.	.08	24.
%RSD	.1215	.5568	.9495	.0915	.1495	.1111

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.03	527.1	215.6	243.9	1088.	20420.
Stddev	.21	2.0	.2	2.5	7.	15.
%RSD	.3871	.3810	.0968	1.025	.6093	.0757

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21210.	551.6	20650.	532.5	544.6	463.6
Stddev	37.	1.3	8.	.7	3.2	4.3
%RSD	.1757	.2283	.0409	.1234	.5834	.9308

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1887.	2271.	520.3	529.0	503.0	501.6
Stddev	16.	4.	2.1	1.9	2.3	2.0
%RSD	.8227	.1804	.4030	.3594	.4628	.4010

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-133499/2-a Acquired: 10/25/2012 14:31:36 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	527.8	506.5	506.0	134.3
Stddev	2.0	.8	1.3	37.4
%RSD	.3823	.1631	.2512	27.86

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1103.1	29385.	9028.7
Stddev	4.5	35.	37.2
%RSD	.41236	.11996	.41208

Sample Name: CCV Acquired: 10/25/2012 14:35:14 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122200.	2409.	1221.	10040.	971.4	127400.
Stddev	386.	11.	1.	16.	1.4	283.
%RSD	.3155	.4745	.1157	.1626	.1430	.2218

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2504.	5105.	12000.	102100.	50360.
Stddev	.	6.	8.	34.	190.	126.
%RSD	.0218	.2443	.1513	.2872	.1859	.2507

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	5154.	124600.	2502.	7629.	955.4
Stddev	231.	7.	289.	5.	17.	4.3
%RSD	.1813	.1401	.2317	.1890	.2268	.4522

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2385.	2520.	2514.	2531.	959.4	2470.
Stddev	15.	12.	3.	1.	2.2	5.
%RSD	.6307	.4619	.1207	.0326	.2304	.2123

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 14:35:14 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	5008.	9878.	9171.
Stddev	2.	25.	19.	26.
%RSD	.2330	.4932	.1880	.2810

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1032.6	27351.	8709.3
Stddev	4.2	21.	14.3
%RSD	.41068	.07836	.16426

Sample Name: CCB Acquired: 10/25/2012 14:38:48 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.08	-.8398	-.0841	.4421	.1337	11.58
Stddev	10.67	1.779	.4417	.3015	.0548	13.81
%RSD	70.73	211.8	525.5	68.19	40.97	119.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0846	.3854	1.276	1.929	7.225	94.94
Stddev	.0775	.2379	.294	1.617	1.355	31.91
%RSD	91.61	61.72	23.05	83.85	18.75	33.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.27	.3291	50.61	-.5786	2.793	3.170
Stddev	11.02	.2721	22.72	.3783	3.207	.919
%RSD	89.80	82.67	44.89	65.37	114.9	29.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.580	-.1424	.3099	.2150	.0897	2.275
Stddev	4.798	.8374	.4972	.1968	.7158	.163
%RSD	185.9	588.0	160.5	91.52	798.4	7.162

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 14:38:48 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.213	.4465	2.631	-15.43
Stddev	.869	.3830	.678	5.95
%RSD	71.59	85.78	25.79	38.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1154.6	30810.	9002.8
Stddev	1.9	105.	28.4
%RSD	.16798	.34105	.31514

Sample Name: mb 460-133499/1-a Acquired: 10/25/2012 14:42:36 Type: QC

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.620	-1.462	-.2135	.1167	.0507	4.229
Stddev	5.052	2.720	.2605	.4245	.0727	5.326
%RSD	52.51	186.0	122.0	363.7	143.5	125.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0518	-.1066	.3264	-.7920	5.656	41.62
Stddev	.1639	.0624	.0469	.4041	4.555	19.38
%RSD	316.2	58.55	14.36	51.03	80.53	46.57

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.845	.0389	21.11	.8271	1.705	.4186
Stddev	2.621	.0455	2.48	.3792	2.482	1.475
%RSD	142.1	117.0	11.73	45.85	145.6	352.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.209	3.619	.1149	1.506	10.97	.4119
Stddev	2.024	3.493	.4896	.443	.71	.2120
%RSD	91.63	96.52	426.0	29.40	6.450	51.46

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133499/1-a Acquired: 10/25/2012 14:42:36 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6100	.0023	.9131	61.30
Stddev	.3254	.0573	.1652	8.40
%RSD	53.34	2446.	18.09	13.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1153.1	31043.	9122.1
Stddev	.5	14.	58.3
%RSD	.04067	.04401	.63870

Sample Name: Ib 460-133281/1-b Acquired: 10/25/2012 14:46:21 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.80	-1.670	-.2672	-.0479	.0796	19.15
Stddev	8.63	2.526	.3140	.2378	.0662	1.18
%RSD	54.63	151.2	117.5	496.0	83.13	6.176

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0546	.3478	.5391	.4525	8.190	43.65
Stddev	.0833	.3509	.4611	1.011	5.685	8.18
%RSD	152.5	100.9	85.53	223.4	69.42	18.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0675	-.0018	31.67	.3249	.6227	.3843
Stddev	3.535	.0354	3.06	.3443	1.086	2.444
%RSD	5238.	1970.	9.652	106.0	174.3	635.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.721	4.099	-.0960	.2669	4.352	.1654
Stddev	5.344	1.910	.2217	.1690	.659	.1097
%RSD	310.5	46.60	231.0	63.32	15.14	66.32

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-133281/1-b Acquired: 10/25/2012 14:46:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9249	.0822	-.2808	32.24
Stddev	.4251	.0059	.3426	5.87
%RSD	45.97	7.133	122.0	18.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1154.2	30993.	9117.2
Stddev	1.9	68.	12.3
%RSD	.16118	.21788	.13500

Sample Name: 460-46131-h-2-a@5 Acquired: 10/25/2012 14:50:06 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11570.	9.491	1.251	32.45	9.857	69130.
Stddev	13.	.647	.198	.11	.034	117.
%RSD	.1112	6.813	15.85	.3491	.3472	.1689

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.252	116.4	32.55	724.8	13040.	3092.
Stddev	.067	.3	.47	1.7	69.	30.
%RSD	2.961	.2568	1.432	.2317	.5270	.9853

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44190.	9264.	F 711500.	81.46	8.476	-.7564
Stddev	143.	23.	12870.	.99	2.255	2.057
%RSD	.3240	.2436	1.809	1.209	26.60	271.9

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.301	8.345	19.90	364.0	3.530	3.312
Stddev	4.190	.619	.27	.4	.581	.377
%RSD	79.05	7.412	1.346	.1183	16.47	11.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46131-h-2-a@5 Acquired: 10/25/2012 14:50:06 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.582	271.2	57.84	10700.
Stddev	1.181	.4	.14	67.
%RSD	74.63	.1605	.2342	.6267

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1278.7	32767.	11112.
Stddev	6.0	82.	38.
%RSD	.46581	.25049	.34083

Sample Name: 460-46264-f-3-a Acquired: 10/25/2012 14:53:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11040.	37.92	-.2159	81.07	.2280	118500.
Stddev	40.	.77	.1378	.30	.0292	92.
%RSD	.3649	2.037	63.85	.3721	12.79	.0775

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2014	5.189	11.49	131.5	4750.	52680.
Stddev	.1463	.143	.59	1.3	21.	60.
%RSD	72.65	2.757	5.163	.9829	.4369	.1145

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14630.	254.2	F 267800.	13.76	11.29	-3.550
Stddev	52.	1.8	2367.	1.35	.51	1.309
%RSD	.3565	.7131	.8837	9.841	4.522	36.87

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.970	5.275	23.78	90.28	142.6	8.440
Stddev	7.054	2.211	.20	.84	.3	.164
%RSD	358.0	41.93	.8557	.9318	.2153	1.937

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-3-a Acquired: 10/25/2012 14:53:53 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.781	298.7	61.93	14210.
Stddev	.632	.3	1.05	11.
%RSD	35.47	.0947	1.689	.0802

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1053.1	27248.	8682.0
Stddev	7.9	199.	51.7
%RSD	.74606	.73067	.59500

Sample Name: 460-46264-f-4-a Acquired: 10/25/2012 14:57:43 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	234.2	3.328	1.000	106.3	-.0152	90160.
Stddev	6.3	1.380	.296	.3	.0668	79.
%RSD	2.671	41.45	29.62	.3246	440.4	.0875

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1718	2.516	1.895	2.527	7766.	16200.
Stddev	.0697	.522	.116	1.209	44.	4.
%RSD	40.56	20.73	6.139	47.83	.5692	.0238

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12030.	3476.	193700.	4.080	5.612	-2.286
Stddev	58.	13.	1207.	.948	2.360	.187
%RSD	.4787	.3827	.6228	23.23	42.06	8.176

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.180	-.9989	4.521	5.772	232.4	4.791
Stddev	1.223	2.202	.333	.269	.8	.142
%RSD	103.7	220.5	7.356	4.658	.3298	2.956

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-4-a Acquired: 10/25/2012 14:57:43 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.418	276.8	7.529	11200.
Stddev	.448	.4	.647	53.
%RSD	31.62	.1442	8.590	.4752

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1047.7	27334.	8763.5
Stddev	3.4	99.	84.9
%RSD	.31998	.36237	.96925

Sample Name: 460-46264-f-5-a Acquired: 10/25/2012 15:01:32 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	105.9	5.134	.1485	195.9	.1047	65710.
Stddev	6.0	2.578	.1936	.7	.0465	273.
%RSD	5.699	50.22	130.4	.3718	44.47	.4157

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2211	.6340	1.309	-.4223	6031.	3612.
Stddev	.1698	.3618	.198	.7405	20.	12.
%RSD	76.79	57.06	15.10	175.4	.3397	.3288

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15990.	2760.	80280.	2.209	4.607	-1.337
Stddev	42.	2.	162.	.924	1.448	1.608
%RSD	.2654	.0815	.2017	41.83	31.43	120.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.379	-.3600	.0217	.7412	98.98	-.0065
Stddev	2.038	4.888	.3401	.4008	.44	.1588
%RSD	147.9	1358.	1569.	54.08	.4466	2443.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-5-a Acquired: 10/25/2012 15:01:32 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5240	181.5	4.424	9370.
Stddev	.2914	.4	.420	61.
%RSD	55.62	.2244	9.485	.6531

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1095.1	28480.	8760.6
Stddev	3.2	155.	31.2
%RSD	.29188	.54395	.35662

Sample Name: 460-46264-a-7-a Acquired: 10/25/2012 15:05:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	213.4	21.99	1.304	77.41	-.0094	63140.
Stddev	.8	4.41	.346	.48	.0400	142.
%RSD	.3767	20.04	26.51	.6185	424.5	.2253

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0228	5.535	2.966	-3.281	92060.	4335.
Stddev	.1835	.336	.186	1.754	128.	12.
%RSD	806.3	6.068	6.279	53.48	.1392	.2722

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11730.	8550.	26020.	.1379	.2358	2.399
Stddev	40.	7.	30.	1.196	1.006	1.393
%RSD	.3425	.0816	.1164	867.8	426.4	58.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.799	-1.396	-.7933	-.8721	240.9	-.5720
Stddev	5.361	.331	.3491	.2557	.9	.2426
%RSD	298.0	23.74	44.00	29.32	.3902	42.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-a-7-a Acquired: 10/25/2012 15:05:14 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8939	546.1	3.798	9419.
Stddev	.1763	1.2	.585	19.
%RSD	19.72	.2242	15.41	.1997

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1106.0	28998.	8846.4
Stddev	2.7	168.	41.1
%RSD	.24079	.58097	.46454

Sample Name: 460-46264-f-9-b Acquired: 10/25/2012 15:08:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.56	-1.721	.0354	.2370	.0278	26.88
Stddev	2.74	2.202	.4045	.2569	.0062	7.62
%RSD	18.83	127.9	1142.	108.4	22.36	28.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0446	.6488	.7328	.9522	7.849	47.89
Stddev	.0434	.3667	.4795	1.696	15.31	13.72
%RSD	97.32	56.51	65.44	178.2	195.0	28.64

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.021	.8439	77.26	.1503	1.306	-.1444
Stddev	7.461	.8238	7.86	.5774	1.241	2.764
%RSD	731.0	97.62	10.17	384.1	94.97	1914.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.158	3.387	-.1021	-.2838	-1.958	-.3283
Stddev	3.690	4.366	.4693	.2648	.276	.2681
%RSD	318.6	128.9	459.6	93.29	14.10	81.65

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46264-f-9-b Acquired: 10/25/2012 15:08:54 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6000	.1087	.0837	-17.29
Stddev	.1712	.0291	.5093	12.87
%RSD	28.54	26.73	608.3	74.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1167.2	30767.	8959.9
Stddev	6.4	147.	33.7
%RSD	.54983	.47901	.37640

Sample Name: 460-46231-g-1-a Acquired: 10/25/2012 15:12:39 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.05	3.296	-.0808	56.81	.0454	18850.
Stddev	9.09	.702	.0470	.50	.0381	64.
%RSD	36.29	21.30	58.25	.8822	83.88	.3401

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0255	1.349	2.152	1.186	110.6	30030.
Stddev	.0211	.370	.357	1.780	11.9	145.
%RSD	82.95	27.42	16.60	150.1	10.73	.4810

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9868.	6.497	153200.	3.950	1.535	-3.157
Stddev	27.	.121	1437.	.143	.886	1.980
%RSD	.2725	1.864	.9376	3.630	57.74	62.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.356	.6746	.6752	.8831	F 2977.	8.368
Stddev	3.307	1.101	.5661	.0777	7.	.264
%RSD	243.8	163.3	83.84	8.793	.2254	3.153

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-46231-g-1-a Acquired: 10/25/2012 15:12:39 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1519	72.87	1.114	2107.
Stddev	1.440	.47	.425	13.
%RSD	947.9	.6390	38.17	.6382

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1084.2	28079.	8817.9
Stddev	4.8	184.	69.1
%RSD	.43811	.65583	.78362

Sample Name: 460-46238-b-2-a Acquired: 10/25/2012 15:16:29 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79.03	1.416	-3929	380.4	.0578	117500.
Stddev	1.60	2.272	.2546	2.2	.0428	442.
%RSD	2.022	160.5	64.79	.5842	74.07	.3761

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0780	2.987	2.699	.9183	39.49	75380.
Stddev	.2330	.300	.384	1.493	10.50	253.
%RSD	298.6	10.06	14.24	162.5	26.59	.3350

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 252700.	4.444	F 1109000.	38.25	4.623	-3.887
Stddev	782.	.115	47750.	1.44	1.612	4.635
%RSD	.3094	2.591	4.305	3.765	34.88	119.2

Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.218	-1.219	1.199	1.316	1679.	1.460
Stddev	4.065	2.545	.741	.175	24.	.305
%RSD	333.9	208.8	61.82	13.27	1.420	20.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46238-b-2-a Acquired: 10/25/2012 15:16:29 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.841	1879.	6.659	8616.
Stddev	.717	7.	.881	83.
%RSD	38.94	.3582	13.23	.9576

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	897.73	23318.	8348.9
Stddev	11.42	103.	168.2
%RSD	1.2724	.44257	2.0151

Sample Name: CCV Acquired: 10/25/2012 15:20:18 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	2396.	1204.	9936.	956.7	126200.
Stddev	486.	9.	3.	8.	3.8	531.
%RSD	.4023	.3628	.2097	.0834	.3931	.4205

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1248.	2476.	5015.	11860.	100200.	50050.
Stddev	2.	3.	12.	55.	178.	171.
%RSD	.1845	.1162	.2336	.4664	.1775	.3421

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	5058.	124100.	2477.	7535.	952.5
Stddev	195.	10.	453.	2.	8.	3.2
%RSD	.1561	.2040	.3650	.0995	.1025	.3333

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2382.	2489.	2475.	2485.	956.7	2449.
Stddev	15.	6.	5.	6.	1.1	3.
%RSD	.6184	.2594	.1898	.2481	.1150	.1187

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 15:20:18 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	992.2	4970.	9751.	9183.
Stddev	3.3	36.	30.	25.
%RSD	.3334	.7142	.3112	.2715

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1027.5	27463.	8808.6
Stddev	3.0	71.	40.1
%RSD	.29660	.25932	.45511

Sample Name: CCB Acquired: 10/25/2012 15:23:52 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.01	-1.367	.0987	.8319	.0918	6.282
Stddev	11.79	.913	.4439	.5257	.0507	10.73
%RSD	90.60	66.80	449.9	63.19	55.27	170.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0710	.4706	.9094	.6070	6.656	100.8
Stddev	.1304	.5427	.8800	1.131	9.870	32.6
%RSD	183.8	115.3	96.77	186.2	148.3	32.32

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.92	.3626	182.0	.2894	1.765	-2.437
Stddev	5.08	.2854	52.3	.5169	1.709	2.328
%RSD	36.49	78.72	28.73	178.6	96.78	95.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6335	3.010	-.2113	.0710	2.563	1.770
Stddev	1.649	3.335	.2312	.1615	.295	.080
%RSD	260.4	110.8	109.4	227.5	11.52	4.508

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 15:23:52 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0948	.4061	1.907	-12.12
Stddev	1.548	.3784	.710	4.15
%RSD	1632.	93.18	37.24	34.25

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1152.3	30949.	9081.3
Stddev	3.2	94.	70.2
%RSD	.27703	.30300	.77301

Sample Name: 460-46287-d-1-a Acquired: 10/25/2012 15:27:39 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	85.65	-.3902	-.1547	55.98	.0439	105000.
Stddev	7.79	.9953	.5600	.39	.0428	742.
%RSD	9.099	255.0	362.0	.7012	97.50	.7064

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0119	1.016	1.798	144.6	458.6	12860.
Stddev	.0736	.142	.310	1.6	5.2	89.
%RSD	620.7	13.99	17.22	1.087	1.136	.6933

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35780.	17.94	F 280700.	3.610	2.929	-4.089
Stddev	111.	.24	3035.	.338	2.016	.921
%RSD	.3104	1.320	1.081	9.352	68.82	22.53

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.015	3.423	.9277	82.55	94.40	.8839
Stddev	5.621	2.824	.0099	.54	.64	.3974
%RSD	553.8	82.51	1.065	.6599	.6731	44.96

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46287-d-1-a Acquired: 10/25/2012 15:27:39 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3509	341.7	7.940	12160.
Stddev	1.224	1.9	.349	72.
%RSD	348.8	.5590	4.394	.5929

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1033.3	27140.	8880.0
Stddev	8.3	349.	161.5
%RSD	.80031	1.2858	1.8184

Sample Name: CCV Acquired: 10/25/2012 15:31:31 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122100.	2407.	1216.	10030.	967.9	127600.
Stddev	421.	7.	5.	13.	4.3	354.
%RSD	.3445	.2903	.3895	.1282	.4393	.2773

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2499.	5101.	11970.	102100.	50500.
Stddev	1.	3.	4.	33.	152.	145.
%RSD	.1042	.1172	.0758	.2735	.1485	.2879

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	5144.	124900.	2501.	7624.	956.7
Stddev	221.	6.	356.	3.	17.	5.9
%RSD	.1740	.1240	.2849	.1138	.2268	.6209

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2382.	2517.	2509.	2533.	955.6	2470.
Stddev	9.	5.	5.	5.	3.0	.
%RSD	.3919	.1998	.1803	.1863	.3189	.0191

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 15:31:31 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1006.	5018.	9855.	9045.
Stddev	2.	43.	29.	56.
%RSD	.1610	.8539	.2979	.6201

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1023.9	27077.	8575.6
Stddev	4.2	157.	25.7
%RSD	.41333	.58163	.29988

Sample Name: CCB Acquired: 10/25/2012 15:35:05 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.45	-1.834	.0865	.8678	.1179	7.974
Stddev	16.19	1.347	.1300	.2030	.0146	9.800
%RSD	120.3	73.45	150.3	23.39	12.36	122.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0025	.4525	1.382	1.158	13.34	95.94
Stddev	.1176	.3019	.668	1.826	16.43	24.36
%RSD	4625.	66.70	48.37	157.7	123.2	25.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.578	.2740	104.3	-.1417	1.642	-.3546
Stddev	14.79	.2548	31.0	.7879	1.882	3.118
%RSD	172.4	93.00	29.68	555.9	114.6	879.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.011	1.369	.0732	.1467	.9552	2.325
Stddev	2.806	2.286	.1636	.4012	1.103	.798
%RSD	277.5	167.0	223.6	273.5	115.5	34.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 15:35:05 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0575	.4308	1.464	-15.20
Stddev	.9271	.3648	.344	8.37
%RSD	1613.	84.68	23.52	55.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1150.4	30593.	8889.4
Stddev	3.7	31.	26.8
%RSD	.31756	.10001	.30138

Sample Name: 460-46162-o-1-c@4 Acquired: 10/25/2012 15:48:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35890.	11.11	-.2739	374.4	1.701	16410.
Stddev	216.	1.47	.5851	1.1	.037	66.
%RSD	.6026	13.22	213.6	.2916	2.190	.4035

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9962	30.28	71.96	248.4	76690.	2643.
Stddev	.1195	.25	.66	4.2	302.	20.
%RSD	12.00	.8142	.9129	1.701	.3938	.7416

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9107.	3552.	521.9	43.94	157.4	3.032
Stddev	38.	12.	5.8	1.40	.3	1.801
%RSD	.4123	.3245	1.114	3.177	.2205	59.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.447	1.901	92.14	342.0	9.808	1.222
Stddev	1.336	2.900	.76	1.9	.135	.817
%RSD	30.05	152.6	.8241	.5489	1.372	66.82

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46162-o-1-c@4 Acquired: 10/25/2012 15:48:47 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.592	109.4	577.1	775.3
Stddev	1.516	.3	1.4	10.4
%RSD	19.96	.2547	.2420	1.341

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1151.1	30357.	9189.5
Stddev	7.3	209.	50.2
%RSD	.63839	.68815	.54642

Sample Name: 460-46162-s-2-d@4 Acquired: 10/25/2012 15:52:24 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21070.	139.9	.7737	2204.	1.415	36360.
Stddev	67.	1.2	.2953	5.	.052	61.
%RSD	.3177	.8819	38.17	.2485	3.681	.1680

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.506	21.02	118.4	332.1	53050.	1736.
Stddev	.270	.36	.7	.6	60.	11.
%RSD	7.703	1.735	.6145	.1892	.1138	.6459

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7076.	967.7	1221.	54.86	2212.	16.12
Stddev	28.	2.9	2.	.43	3.	1.70
%RSD	.3925	.3018	.1785	.7830	.1389	10.51

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.260	5.216	148.3	1582.	17.51	8.597
Stddev	.251	1.299	1.0	6.	.94	.392
%RSD	11.12	24.90	.7029	.3992	5.396	4.563

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46162-s-2-d@4 Acquired: 10/25/2012 15:52:24 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	90.71	262.6	555.4	795.9
Stddev	.48	.4	4.3	19.5
%RSD	.5261	.1485	.7657	2.450

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1147.4	30367.	9176.1
Stddev	2.6	66.	33.6
%RSD	.22582	.21833	.36614

Sample Name: 460-46162-aa-3-c@4 Acquired: 10/25/2012 15:55:59 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20940.	119.6	1.120	910.2	1.438	19260.
Stddev	108.	2.5	.271	1.8	.042	67.
%RSD	.5146	2.066	24.17	.2006	2.942	.3487

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.953	21.58	136.1	217.1	55040.	1867.
Stddev	.242	.31	.5	.7	175.	11.
%RSD	6.123	1.454	.3710	.3215	.3172	.5627

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7286.	1001.	1227.	53.68	1188.	12.33
Stddev	38.	3.	4.	.60	4.	2.59
%RSD	.5248	.3260	.3329	1.126	.3639	21.03

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.030	1.518	98.10	1251.	19.05	9.926
Stddev	6.314	2.269	.30	.	.94	.152
%RSD	78.64	149.5	.3012	.0384	4.922	1.534

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46162-aa-3-c@4 Acquired: 10/25/2012 15:55:59 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	69.64	161.8	532.6	681.6
Stddev	1.34	.4	3.1	6.1
%RSD	1.929	.2317	.5904	.8978

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1163.0	30755.	9230.2
Stddev	5.1	90.	32.6
%RSD	.43468	.29254	.35324

Sample Name: 460-46148-a-6-i@4 Acquired: 10/25/2012 15:59:36 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46740.	33.29	-.5953	255.4	2.572	30740.
Stddev	146.	3.32	.0866	.4	.083	96.
%RSD	.3125	9.975	14.54	.1761	3.215	.3124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7257	39.86	119.7	96.12	119400.	8592.
Stddev	.1568	.52	1.2	.91	285.	23.
%RSD	21.60	1.315	.9832	.9451	.2386	.2630

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27600.	1056.	2240.	87.55	693.6	3.607
Stddev	96.	2.	7.	.09	.7	4.115
%RSD	.3461	.1734	.3127	.1068	.0997	114.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5368	.7285	119.9	483.9	40.43	10.05
Stddev	3.950	1.413	.1	1.3	.51	.20
%RSD	735.9	194.0	.1191	.2773	1.267	2.008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-a-6-i@4 Acquired: 10/25/2012 15:59:36 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	43.70	133.3	738.7	791.8
Stddev	.61	.4	.9	8.9
%RSD	1.390	.2907	.1199	1.121

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1174.7	31088.	9420.8
Stddev	4.3	120.	33.4
%RSD	.36671	.38678	.35441

Sample Name: 460-46148-c-7-d@4 Acquired: 10/25/2012 16:03:15 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35050.	35.18	.4714	1595.	3.003	57830.
Stddev	133.	2.08	.5239	4.	.053	135.
%RSD	.3780	5.914	111.1	.2513	1.772	.2329

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.183	47.44	520.3	525.1	118600.	4081.
Stddev	.277	.11	2.4	4.4	148.	3.
%RSD	5.343	.2383	.4621	.8321	.1247	.0803

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19660.	2659.	1052.	125.4	1959.	20.53
Stddev	69.	2.	4.	1.3	7.	4.73
%RSD	.3514	.0809	.3778	1.012	.3736	23.05

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.644	2.322	222.3	2643.	75.71	7.581
Stddev	7.115	2.623	1.2	9.	.38	.258
%RSD	432.8	112.9	.5304	.3568	.4971	3.400

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-c-7-d@4 Acquired: 10/25/2012 16:03:15 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	217.2	251.9	1260.	882.5
Stddev	.8	.6	3.	10.2
%RSD	.3489	.2465	.2312	1.161

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1154.1	30550.	9289.6
Stddev	4.9	146.	23.5
%RSD	.42669	.47673	.25303

Sample Name: 460-46148-c-8-c@4 Acquired: 10/25/2012 16:06:49 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40500.	27.73	.5869	972.4	2.638	8136.
Stddev	138.	2.93	.2305	2.5	.031	20.
%RSD	.3410	10.57	39.27	.2540	1.165	.2505

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4740	31.82	90.47	146.7	84110.	6901.
Stddev	.1876	.33	.87	.7	225.	30.
%RSD	39.58	1.029	.9660	.4800	.2677	.4321

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20850.	1901.	1274.	59.40	477.7	4.123
Stddev	83.	6.	5.	.67	3.6	1.733
%RSD	.3984	.3048	.3731	1.135	.7532	42.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.867	-1.200	113.2	490.3	21.23	4.145
Stddev	4.205	1.910	.3	1.9	.75	.303
%RSD	146.7	159.2	.2429	.3954	3.517	7.322

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-c-8-c@4 Acquired: 10/25/2012 16:06:49 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	72.36	69.18	1102.	736.6
Stddev	.91	.19	2.	8.6
%RSD	1.258	.2683	.2240	1.161

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1193.1	31498.	9424.3
Stddev	3.2	88.	58.8
%RSD	.26894	.27830	.62381

Sample Name: 460-46148-c-9-c@4 Acquired: 10/25/2012 16:10:26 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21930.	46.99	1.021	1869.	1.490	74100.
Stddev	17.	5.41	.345	2.	.081	110.
%RSD	.0757	11.50	33.80	.0980	5.441	.1490

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.793	45.42	384.9	470.2	111200.	3206.
Stddev	.057	.14	2.2	.8	132.	10.
%RSD	1.187	.3077	.5686	.1692	.1188	.3227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13340.	1583.	3175.	152.4	10430.	22.92
Stddev	42.	2.	8.	.5	22.	.84
%RSD	.3125	.1160	.2367	.3561	.2102	3.678

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4415	-3.080	213.2	2138.	155.3	6.285
Stddev	1.553	2.524	.5	7.	.4	.424
%RSD	351.7	81.95	.2295	.3311	.2679	6.741

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-c-9-c@4 Acquired: 10/25/2012 16:10:26 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	725.7	277.0	1131.	774.8
Stddev	2.8	.9	1.	22.0
%RSD	.3864	.3327	.0688	2.836

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1122.9	29852.	9061.6
Stddev	4.1	141.	34.9
%RSD	.36758	.47161	.38487

Sample Name: 460-46148-a-10-e@4 Acquired: 10/25/2012 16:14:00 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17590.	17.85	-.8462	353.7	.9799	7239.
Stddev	31.	1.28	.1164	1.1	.0315	22.
%RSD	.1790	7.151	13.76	.3241	3.211	.3064

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.751	19.71	57.63	32.07	38630.	1958.
Stddev	.089	.17	.06	1.11	212.	27.
%RSD	5.062	.8847	.1110	3.464	.5487	1.355

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8462.	262.7	264.5	40.09	66.20	1.177
Stddev	27.	1.0	2.5	.34	1.49	4.595
%RSD	.3147	.3985	.9329	.8585	2.246	390.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0710	1.362	107.6	164.8	6.274	.5158
Stddev	3.050	2.101	.5	.6	.315	.4966
%RSD	4294.	154.2	.4217	.3922	5.014	96.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-a-10-e@4 Acquired: 10/25/2012 16:14:00 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.27	22.74	603.9	447.9
Stddev	.45	.02	2.6	15.6
%RSD	2.918	.0901	.4223	3.484

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1182.3	31169.	9094.5
Stddev	3.7	112.	34.0
%RSD	.31453	.35799	.37388

Sample Name: 460-46148-b-11-f@4 Acquired: 10/25/2012 16:17:38 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24500.	39.88	1.241	1274.	1.822	67900.
Stddev	19.	.85	.422	1.	.043	45.
%RSD	.0773	2.137	33.99	.0609	2.354	.0661

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.760	26.69	180.7	501.0	73120.	3143.
Stddev	.097	.62	.3	.5	296.	17.
%RSD	2.030	2.307	.1914	.0914	.4042	.5504

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18200.	741.9	1319.	86.70	2110.	3.839
Stddev	44.	1.7	5.	.42	2.	.709
%RSD	.2404	.2287	.3412	.4815	.1020	18.47

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.140	2.015	158.2	1588.	39.19	6.963
Stddev	2.568	.347	.2	4.	1.06	.161
%RSD	225.4	17.21	.1093	.2478	2.703	2.314

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-b-11-f@4 Acquired: 10/25/2012 16:17:38 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	163.7	237.8	1066.	1548.
Stddev	.3	.2	2.	126.
%RSD	.1864	.0902	.1484	8.108

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1158.3	30532.	9196.5
Stddev	5.6	66.	21.0
%RSD	.48391	.21718	.22784

Sample Name: 460-46148-a-12-h@4 Acquired: 10/25/2012 16:21:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18550.	14.24	-4.742	457.8	1.140	7923.
Stddev	108.	1.85	.5153	1.1	.050	52.
%RSD	.5796	13.01	108.7	.2357	4.379	.6556

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3237	18.50	71.64	71.33	41990.	2616.
Stddev	.1503	.28	.74	1.45	99.	10.
%RSD	46.43	1.508	1.034	2.038	.2366	.3858

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8002.	382.4	508.0	37.14	441.2	3.147
Stddev	11.	1.1	.5	.41	1.6	1.051
%RSD	.1324	.2777	.1036	1.092	.3642	33.40

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.402	1.979	63.24	535.5	13.69	2.174
Stddev	2.490	1.510	.33	.9	.18	.452
%RSD	56.57	76.32	.5143	.1591	1.345	20.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46148-a-12-h@4 Acquired: 10/25/2012 16:21:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	20.53	50.37	450.6	521.6
Stddev	1.18	.17	2.7	4.3
%RSD	5.754	.3461	.5920	.8291

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1180.9	31403.	9246.2
Stddev	3.7	111.	20.0
%RSD	.31306	.35237	.21633

Sample Name: CCV Acquired: 10/25/2012 16:24:53 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121700.	2366.	1208.	9927.	962.8	126800.
Stddev	284.	3.	2.	7.	2.2	302.
%RSD	.2333	.1113	.2013	.0704	.2306	.2380

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1253.	2476.	5106.	11860.	102500.	50260.
Stddev	1.	3.	10.	15.	299.	118.
%RSD	.0594	.1409	.2038	.1231	.2918	.2349

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127800.	5149.	123900.	2479.	7564.	933.0
Stddev	558.	17.	244.	5.	20.	4.3
%RSD	.4368	.3255	.1970	.1905	.2672	.4586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2335.	2488.	2499.	2536.	933.9	2437.
Stddev	9.	3.	6.	5.	1.3	3.
%RSD	.3930	.1315	.2405	.1797	.1422	.1364

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 16:24:53 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	995.8	4944.	9787.	F 8788.
Stddev	2.6	24.	24.	42.
%RSD	.2623	.4930	.2426	.4760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1050.0	27522.	8542.4
Stddev	1.6	53.	17.5
%RSD	.14846	.19148	.20449

Sample Name: CCB Acquired: 10/25/2012 16:28:27 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.51	.1651	-.1653	.7123	.0742	11.49
Stddev	8.35	3.126	.5304	.3952	.0872	8.38
%RSD	66.72	1893.	320.8	55.48	117.5	72.96

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1078	.1580	.6036	-.2962	4.010	82.54
Stddev	.0511	.1762	.2996	2.037	6.759	27.16
%RSD	47.40	111.5	49.64	687.6	168.6	32.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.862	.3520	40.71	-.3010	2.086	-.7163
Stddev	9.646	.2415	16.18	.4914	.772	1.444
%RSD	164.6	68.60	39.74	163.2	37.01	201.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4379	3.241	.3539	.3092	.4710	1.680
Stddev	2.170	.287	.3952	.1458	1.048	.350
%RSD	495.6	8.845	111.7	47.15	222.4	20.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 16:28:27 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1701	.4021	1.585	-14.65
Stddev	.6306	.4196	.637	8.95
%RSD	370.7	104.3	40.16	61.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1172.5	30917.	8803.5
Stddev	.1	60.	39.2
%RSD	.01061	.19318	.44496

Sample Name: 460-46262-a-1-a@4 Acquired: 10/25/2012 16:32:14 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57400.	14.23	2.991	280.4	1.611	F 435400.
Stddev	113.	.69	.144	.3	.028	5510.
%RSD	.1976	4.821	4.801	.1041	1.715	1.265

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	103.0	30.19	81.07	815.6	66530.	3103.
Stddev	.3	.57	.72	2.1	256.	5.
%RSD	.3021	1.894	.8924	.2577	.3854	.1605

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38390.	1041.	4729.	84.94	104.8	-.9677
Stddev	183.	3.	7.	.57	1.8	2.202
%RSD	.4753	.2642	.1393	.6669	1.714	227.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.087	-.4564	125.4	1325.	262.5	7.538
Stddev	1.452	4.492	.9	3.	1.5	.666
%RSD	15.98	984.3	.7491	.1961	.5650	8.830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46262-a-1-a@4 Acquired: 10/25/2012 16:32:14 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.765	2345.	4767.	1080.
Stddev	2.320	2.	7.	14.
%RSD	48.69	.0965	.1475	1.263

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1071.3	28320.	8889.2
Stddev	5.0	141.	27.2
%RSD	.47026	.49756	.30543

Sample Name: 460-46261-a-1-a@4 Acquired: 10/25/2012 16:36:00 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40690.	13.00	.0177	229.7	1.610	F 349200.
Stddev	115.	.95	.9374	.6	.114	1015.
%RSD	.2833	7.297	5300.	.2523	7.052	.2907

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.104	32.53	119.0	283.9	82220.	1823.
Stddev	.163	.38	.7	2.8	305.	17.
%RSD	7.728	1.155	.5643	.9818	.3711	.9339

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27280.	2610.	2113.	88.33	48.36	4.437
Stddev	122.	9.	4.	.78	1.92	.324
%RSD	.4466	.3346	.1674	.8875	3.960	7.291

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.15	-1.553	136.7	4134.	60.37	487.5
Stddev	3.12	4.212	.7	12.	.92	1.0
%RSD	30.75	271.2	.5077	.2796	1.518	.2063

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46261-a-1-a@4 Acquired: 10/25/2012 16:36:00 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.962	382.4	4678.	983.8
Stddev	.994	1.1	20.	4.9
%RSD	11.09	.2873	.4328	.5019

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1099.9	29003.	9011.0
Stddev	3.1	58.	36.4
%RSD	.28502	.19845	.40359

Sample Name: 460-46234-b-1-f@4 Acquired: 10/25/2012 16:39:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15180.	10.05	-.3918	151.5	.9548	4991.
Stddev	19.	2.02	.2424	.4	.0139	25.
%RSD	.1241	20.13	61.85	.2471	1.454	.4943

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.035	16.58	50.71	564.8	41330.	2618.
Stddev	.014	.25	.54	1.6	104.	9.
%RSD	1.392	1.521	1.065	.2877	.2520	.3616

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8469.	682.8	234.4	38.21	104.2	-.1274
Stddev	26.	.9	.3	.22	2.1	2.108
%RSD	.3042	.1293	.1446	.5636	2.011	1655.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.105	-1.111	49.48	2213.	11.78	1.137
Stddev	1.566	1.453	.09	5.	.86	.294
%RSD	38.15	130.9	.1867	.2060	7.329	25.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46234-b-1-f@4 Acquired: 10/25/2012 16:39:47 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.946	20.12	536.3	427.5
Stddev	.204	.11	.6	15.4
%RSD	3.428	.5683	.1164	3.597

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1187.1	31353.	9161.6
Stddev	2.5	137.	40.6
%RSD	.20838	.43686	.44357

Sample Name: 460-46236-b-1-e@4 Acquired: 10/25/2012 16:43:26 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37270.	2.829	-1.155	334.7	3.238	29340.
Stddev	99.	2.190	.279	.6	.029	98.
%RSD	.2666	77.41	24.16	.1670	.8935	.3339

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0554	39.24	82.25	34.64	101500.	5970.
Stddev	.1561	.31	.15	.93	252.	15.
%RSD	281.6	.7917	.1857	2.694	.2477	.2486

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21630.	1907.	454.4	73.15	34.00	3.036
Stddev	55.	5.	1.8	1.83	.60	.326
%RSD	.2537	.2401	.4006	2.503	1.751	10.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.769	2.365	95.42	220.5	22.09	4.245
Stddev	2.439	3.561	.51	.0	.02	.019
%RSD	64.73	150.6	.5375	.0065	.0709	.4581

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46236-b-1-e@4 Acquired: 10/25/2012 16:43:26 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.447	54.54	1126.	680.9
Stddev	1.651	.20	3.	2.8
%RSD	47.89	.3626	.2858	.4039

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1271.7	33615.	10004.
Stddev	1.6	114.	38.
%RSD	.12323	.34042	.37833

Sample Name: 460-46279-b-1-f@4 Acquired: 10/25/2012 16:47:04 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40330.	13.01	-.2208	265.1	2.019	18190.
Stddev	115.	4.06	.6701	1.1	.044	29.
%RSD	.2850	31.17	303.5	.4156	2.181	.1598

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.431	37.68	82.00	362.2	78420.	2686.
Stddev	.189	.47	.73	2.1	326.	24.
%RSD	7.759	1.250	.8874	.5889	.4157	.9017

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19370.	1823.	818.8	82.62	320.4	4.508
Stddev	99.	7.	2.1	.49	2.9	1.596
%RSD	.5137	.3858	.2621	.5884	.9171	35.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4941	-1.986	115.5	539.4	92.44	1.281
Stddev	6.439	2.062	.2	2.3	.78	.138
%RSD	1303.	103.8	.2086	.4293	.8443	10.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46279-b-1-f@4 Acquired: 10/25/2012 16:47:04 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.33	75.72	1324.	751.8
Stddev	.44	.20	5.	5.6
%RSD	3.326	.2609	.3786	.7515

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1177.8	31125.	9285.6
Stddev	4.2	79.	19.3
%RSD	.35799	.25395	.20828

Sample Name: 460-46164-d-1-b du Acquired: 10/25/2012 16:50:43 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.15	2.213	.3126	177.5	-.1272	111000.
Stddev	4.15	1.761	.3438	.8	.0329	402.
%RSD	8.275	79.58	110.0	.4515	25.88	.3623

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0282	.3920	.6971	4.427	10230.	4350.
Stddev	.1180	.4022	.9731	.465	88.	26.
%RSD	418.1	102.6	139.6	10.50	.8567	.5917

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17990.	2169.	182100.	.8603	3.962	-3.985
Stddev	150.	14.	1037.	1.120	2.452	.498
%RSD	.8310	.6606	.5697	130.1	61.89	12.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.625	3.169	1.416	.8038	119.9	1.285
Stddev	2.472	2.727	.238	.4389	.8	.665
%RSD	94.18	86.06	16.82	54.61	.7033	51.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-1-b du Acquired: 10/25/2012 16:50:43 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6028	326.4	6.726	8911.
Stddev	1.056	1.0	.259	32.
%RSD	175.1	.2967	3.855	.3629

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1081.5	28120.	8694.6
Stddev	8.6	268.	25.6
%RSD	.79818	.95325	.29471

Sample Name: 460-46164-d-1-a Acquired: 10/25/2012 16:54:32 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57.41	-.1120	.6205	180.6	.0403	112500.
Stddev	3.65	1.476	.5530	.5	.0356	318.
%RSD	6.360	1318.	89.11	.2684	88.43	.2821

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1203	.7484	.5690	4.945	10290.	4423.
Stddev	.2792	.1153	.4308	2.550	57.	10.
%RSD	232.0	15.41	75.72	51.56	.5555	.2248

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18080.	2183.	185500.	1.782	3.746	-1.838
Stddev	79.	7.	2491.	.785	.760	.583
%RSD	.4392	.3092	1.343	44.08	20.28	31.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.979	5.468	1.574	1.459	121.2	1.507
Stddev	2.546	3.601	.211	.472	.7	.105
%RSD	63.99	65.85	13.44	32.38	.5706	6.991

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-1-a Acquired: 10/25/2012 16:54:32 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.583	331.2	6.434	9112.
Stddev	1.090	1.0	.355	11.
%RSD	68.86	.2975	5.512	.1204

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1070.4	27944.	8736.5
Stddev	6.1	120.	59.0
%RSD	.57256	.42789	.67498

Sample Name: sd 460-46164-d-1-a@5 Acquired: 10/25/2012 16:58:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.34	-.9861	.0278	36.06	.0669	22520.
Stddev	6.23	4.341	.2778	.15	.0179	24.
%RSD	43.43	440.2	1001.	.4064	26.79	.1077

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1843	.4514	.6415	.5800	2069.	884.7
Stddev	.2025	.3552	.2493	.6033	1.	7.7
%RSD	109.8	78.70	38.85	104.0	.0282	.8703

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3580.	444.0	37350.	.5701	.3791	1.583
Stddev	15.	1.3	36.	.8639	.9459	1.101
%RSD	.4148	.2868	.0969	151.6	249.5	69.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4513	3.041	.2365	.2954	21.43	.1644
Stddev	2.179	1.421	.3317	.2665	.54	.1492
%RSD	482.8	46.74	140.3	90.20	2.513	90.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-46164-d-1-a@5 Acquired: 10/25/2012 16:58:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2475	66.28	1.817	1661.
Stddev	.2142	.15	.140	15.
%RSD	86.51	.2243	7.729	.8788

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1129.2	29642.	8805.3
Stddev	.3	46.	40.4
%RSD	.02946	.15423	.45868

Sample Name: 460-46164-d-1-c.ms Acquired: 10/25/2012 17:02:03 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1950.	1905.	47.19	2171.	47.73	129800.
Stddev	17.	11.	.83	6.	.19	354.
%RSD	.8932	.5896	1.750	.2665	.4038	.2726

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.57	487.1	203.0	236.2	11060.	24340.
Stddev	.33	1.3	1.0	.2	43.	29.
%RSD	.6712	.2679	.4808	.1010	.3890	.1183

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38030.	2640.	200200.	497.3	502.1	448.6
Stddev	149.	8.	2808.	1.5	2.6	3.3
%RSD	.3909	.2906	1.403	.3011	.5104	.7282

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1700.	2014.	494.8	505.2	600.3	462.5
Stddev	6.	11.	1.0	.9	2.9	1.8
%RSD	.3496	.5510	.2090	.1731	.4817	.3974

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-1-c.ms Acquired: 10/25/2012 17:02:03 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	491.2	795.3	480.2	9116.
Stddev	2.0	1.6	.1	42.
%RSD	.4006	.2065	.0165	.4628

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1058.9	27712.	8711.1
Stddev	9.0	193.	24.2
%RSD	.85192	.69564	.27759

Sample Name: lcs 460-133073/2-a Acquired: 10/25/2012 17:05:45 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1965.	1900.	47.31	2091.	49.43	21230.
Stddev	2.	5.	.13	2.	.17	60.
%RSD	.0838	.2720	.2815	.0989	.3405	.2835

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.55	514.6	211.5	236.4	1076.	20240.
Stddev	.10	1.5	.7	1.3	15.	46.
%RSD	.1842	.2862	.3496	.5680	1.437	.2269

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21590.	539.5	20350.	528.1	540.0	448.8
Stddev	49.	.3	56.	.9	2.4	3.8
%RSD	.2256	.0505	.2753	.1655	.4402	.8358

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1894.	2258.	504.0	532.7	493.9	476.9
Stddev	5.	11.	1.9	1.4	1.9	1.2
%RSD	.2852	.5000	.3833	.2588	.3935	.2620

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-133073/2-a Acquired: 10/25/2012 17:05:45 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	518.0	487.0	489.4	35.13
Stddev	.5	1.0	4.2	15.83
%RSD	.1040	.1994	.8600	45.04

Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1121.7	29510.	8813.0
Stddev	5.9	227.	55.2
%RSD	.52832	.77076	.62602

Sample Name: CCV Acquired: 10/25/2012 17:09:21 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120200.	2374.	1193.	9886.	950.9	125100.
Stddev	124.	2.	5.	19.	.9	274.
%RSD	.1031	.0650	.3940	.1945	.0931	.2190

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1243.	2461.	5037.	11690.	100100.	49900.
Stddev	1.	4.	10.	23.	272.	52.
%RSD	.1122	.1803	.2067	.1949	.2721	.1044

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	5052.	123100.	2483.	7504.	938.4
Stddev	170.	9.	272.	5.	12.	5.1
%RSD	.1361	.1839	.2209	.2031	.1577	.5391

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2345.	2472.	2471.	2505.	938.3	2421.
Stddev	8.	8.	4.	5.	3.9	5.
%RSD	.3305	.3132	.1451	.1960	.4123	.1896

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 17:09:21 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	988.0	4868.	9665.	F 8823.
Stddev	2.0	54.	17.	52.
%RSD	.2036	1.100	.1727	.5870

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1040.4	27559.	8619.2
Stddev	4.9	73.	28.7
%RSD	.47054	.26587	.33334

Sample Name: CCB Acquired: 10/25/2012 17:12:54 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.32	-.8585	-.0924	.3026	.1518	10.58
Stddev	11.50	4.353	.8696	.4937	.0861	13.17
%RSD	80.34	507.1	940.8	163.2	56.73	124.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0466	.5428	1.040	.4208	7.769	85.51
Stddev	.0369	.1661	.717	.4754	13.77	19.48
%RSD	79.27	30.60	68.97	113.0	177.3	22.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.01	.2895	55.07	1.411	.0729	.7577
Stddev	9.40	.2700	24.65	1.091	.6314	2.205
%RSD	78.27	93.25	44.76	77.36	866.1	291.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.550	3.197	-.1410	.3596	.8155	1.907
Stddev	3.722	3.407	.1148	.0726	.9280	.307
%RSD	104.8	106.6	81.41	20.18	113.8	16.09

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 17:12:54 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1591	.4318	1.190	-22.04
Stddev	.2609	.3805	.563	9.11
%RSD	164.0	88.13	47.32	41.35

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1169.8	31010.	8866.9
Stddev	2.4	81.	8.0
%RSD	.20414	.26242	.08994

Sample Name: mb 460-133073/1-a Acquired: 10/25/2012 17:16:40 Type: QC

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.304	-.8107	-.4185	.2271	.0721	5.936
Stddev	8.301	2.947	.2988	.1469	.0297	5.268
%RSD	636.5	363.5	71.40	64.70	41.21	88.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0023	.6549	.8579	-1.231	6.800	62.26
Stddev	.1289	.1916	.5498	.938	9.976	20.44
%RSD	5514.	29.25	64.09	76.25	146.7	32.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.683	-.0144	33.97	.6863	4.189	-.3405
Stddev	7.615	.0642	1.08	.2271	2.501	.7672
%RSD	452.5	444.8	3.187	33.09	59.70	225.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.836	-.0709	-.0016	.3973	-2.438	.0111
Stddev	1.117	.9357	.0682	.1421	.185	.5750
%RSD	23.11	1320.	4148.	35.77	7.593	5181.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-133073/1-a Acquired: 10/25/2012 17:16:40 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0112	.0419	.4697	-19.83
Stddev	.3354	.0213	.2185	4.18
%RSD	2994.	50.76	46.51	21.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1178.5	31175.	8932.0
Stddev	5.2	236.	38.9
%RSD	.44210	.75773	.43579

Sample Name: pds 460-46164-d-1-a Acquired: 10/25/2012 17:20:24 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1939.	1936.	47.64	2192.	47.99	129900.
Stddev	21.	6.	1.12	8.	.26	324.
%RSD	1.069	.3143	2.343	.3703	.5437	.2490

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.21	492.1	204.5	237.2	11070.	24510.
Stddev	.09	1.4	1.6	1.1	42.	93.
%RSD	.1831	.2750	.7983	.4834	.3795	.3800

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38150.	2646.	199900.	500.2	505.2	451.3
Stddev	131.	7.	662.	.8	.8	1.1
%RSD	.3441	.2532	.3312	.1605	.1510	.2433

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1906.	2042.	497.4	511.7	609.0	467.9
Stddev	14.	7.	.6	2.0	6.7	.5
%RSD	.7136	.3310	.1131	.3830	1.103	.1128

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

Sample Name: pds 460-46164-d-1-a Acquired: 10/25/2012 17:20:24 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	498.1	800.3	483.0	9154.
Stddev	3.2	3.2	2.3	58.
%RSD	.6456	.3995	.4757	.6369

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1046.9	27464.	8667.8
Stddev	8.4	128.	29.9
%RSD	.80231	.46666	.34534

Sample Name: 460-46164-d-2-a Acquired: 10/25/2012 17:24:07 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116.2	7.330	.5280	2491.	-.1549	F 297400.
Stddev	4.7	2.320	.5723	9.	.1147	2664.
%RSD	4.085	31.65	108.4	.3543	74.07	.8958

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7781	-.4583	.3241	5.612	72740.	9656.
Stddev	.0780	.4539	.6382	2.084	769.	31.
%RSD	10.03	99.06	196.9	37.14	1.058	.3259

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	58120.	8371.	F 1122000.	-.7228	35.70	-2.425
Stddev	704.	73.	33430.	1.441	.56	3.712
%RSD	1.212	.8757	2.980	199.4	1.578	153.1

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.72	.3091	.8376	-.3123	66.20	.4968
Stddev	1.24	5.304	.3286	.7853	2.15	.3110
%RSD	11.60	1716.	39.23	251.4	3.247	62.61

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-2-a Acquired: 10/25/2012 17:24:07 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.587	1276.	8.608	7297.
Stddev	.565	7.	.777	173.
%RSD	15.75	.5449	9.029	2.375

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	907.24	23379.	8159.8
Stddev	11.88	110.	167.9
%RSD	1.3098	.46904	2.0576

Sample Name: 460-46164-d-3-a Acquired: 10/25/2012 17:28:03 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122.1	49.02	-2319	1889.	.0078	F 254500.
Stddev	4.7	4.94	.1200	18.	.0700	1060.
%RSD	3.858	10.08	51.77	.9522	897.8	.4163

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.748	.9443	5.160	3.876	128000.	8724.
Stddev	.374	.1704	.614	.375	981.	110.
%RSD	13.60	18.04	11.91	9.673	.7666	1.257

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38120.	5093.	F 1204000.	-.2044	-4.366	-3.143
Stddev	381.	33.	42600.	1.969	2.336	4.842
%RSD	.9984	.6569	3.537	963.3	53.51	154.1

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.674	-5.845	14.29	-.9362	94.14	.9772
Stddev	2.524	8.190	.39	.2656	2.04	.0064
%RSD	150.8	140.1	2.749	28.37	2.164	.6563

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-3-a Acquired: 10/25/2012 17:28:03 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.762	1070.	5.310	3997.
Stddev	1.826	5.	.423	84.
%RSD	48.53	.4664	7.963	2.111

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	847.33	22192.	8458.7
Stddev	11.09	75.	61.6
%RSD	1.3093	.33763	.72777

Sample Name: 460-46164-d-4-a Acquired: 10/25/2012 17:31:51 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.12	3.192	.3335	41.79	.1169	7518.
Stddev	2.81	.956	.5508	.15	.0590	32.
%RSD	9.321	29.95	165.2	.3652	50.49	.4196

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0818	.3112	2.334	12.61	912.8	1560.
Stddev	.1376	.2040	.142	1.63	10.7	57.
%RSD	168.3	65.56	6.107	12.94	1.176	3.667

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	652.7	197.7	234100.	1.206	4.051	-.5190
Stddev	8.3	1.0	1757.	.456	1.966	1.138
%RSD	1.267	.5221	.7505	37.79	48.52	219.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3979	.8069	7.906	1.525	146.8	1.273
Stddev	2.415	3.253	.102	.153	.6	.503
%RSD	606.9	403.1	1.289	10.04	.3915	39.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-4-a Acquired: 10/25/2012 17:31:51 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8266	28.96	4.641	6953.
Stddev	.6815	.13	.522	26.
%RSD	82.44	.4523	11.24	.3742

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1049.9	28060.	9200.0
Stddev	5.9	125.	32.2
%RSD	.56387	.44545	.35034

Sample Name: 460-46164-d-6-a Acquired: 10/25/2012 17:35:42 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	134.0	1.637	.9608	2131.	-.0039	F 312300.
Stddev	3.7	1.118	.6930	8.	.0940	4386.
%RSD	2.779	68.27	72.13	.3866	2415.	1.405

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.622	-.3837	.2822	4.941	63570.	19090.
Stddev	.158	.2298	1.446	2.449	287.	176.
%RSD	9.731	59.89	512.2	49.57	.4512	.9225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28610.	6332.	F 1123000.	3.515	-1.358	-6.382
Stddev	123.	17.	68040.	.952	2.504	2.900
%RSD	.4287	.2626	6.059	27.08	184.4	45.45

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.080	.3232	1.442	.1523	86.38	.9760
Stddev	3.401	3.620	.473	.7993	.57	.3203
%RSD	48.04	1120.	32.83	524.7	.6617	32.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-6-a Acquired: 10/25/2012 17:35:42 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.873	1676.	8.244	8828.
Stddev	.616	2.	.766	72.
%RSD	21.43	.1318	9.293	.8160

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	846.24	22679.	8596.8
Stddev	5.00	39.	87.5
%RSD	.59075	.17397	1.0182

Sample Name: 460-46164-d-7-a Acquired: 10/25/2012 17:39:37 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43.14	.7390	-.1220	54.10	.0645	15620.
Stddev	7.44	4.723	.0662	.58	.0462	33.
%RSD	17.24	639.1	54.26	1.071	71.63	.2117

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1190	.5533	2.761	11.73	4643.	5195.
Stddev	.0701	.1265	.286	.52	35.	63.
%RSD	58.88	22.86	10.35	4.453	.7498	1.205

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1587.	161.3	74010.	4.360	2.365	-1.918
Stddev	6.	.9	385.	.370	1.582	1.396
%RSD	.3655	.5860	.5208	8.486	66.88	72.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.034	.4023	2.266	12.48	31.56	1.253
Stddev	.984	.2392	.224	.09	.21	.279
%RSD	48.38	59.46	9.866	.7025	.6644	22.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-7-a Acquired: 10/25/2012 17:39:37 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2637	75.05	1.499	2590.
Stddev	.8746	.16	.493	25.
%RSD	331.7	.2186	32.90	.9666

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1066.4	29380.	9446.0
Stddev	3.1	65.	93.7
%RSD	.28773	.22199	.99210

Sample Name: 460-46164-d-8-a Acquired: 10/25/2012 17:43:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	87.60	26.75	4.859	1098.	.0045	197500.
Stddev	3.65	1.50	.447	9.	.0277	4347.
%RSD	4.169	5.621	9.202	.8552	620.8	2.201

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.418	.3521	1.120	28.46	53580.	4381.
Stddev	.138	.3853	.638	.49	693.	51.
%RSD	5.720	109.4	56.92	1.706	1.293	1.166

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31040.	F 20250.	F 766800.	-.2924	7.034	-1.625
Stddev	401.	226.	35860.	.7042	2.700	5.453
%RSD	1.292	1.114	4.676	240.8	38.38	335.5

Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.725	15.91	5.154	-.3424	39.13	1.040
Stddev	2.658	4.84	.806	.4053	.80	.213
%RSD	30.46	30.44	15.64	118.4	2.040	20.46

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-8-a Acquired: 10/25/2012 17:43:21 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.784	507.4	7.141	14590.
Stddev	1.721	9.9	.353	260.
%RSD	61.82	1.951	4.947	1.779

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	921.41	25020.	8858.1
Stddev	15.50	246.	196.4
%RSD	1.6818	.98309	2.2172

Sample Name: 460-46164-d-9-a Acquired: 10/25/2012 17:47:09 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123.1	25.53	.2340	1412.	.1187	245500.
Stddev	6.9	3.88	.7046	11.	.0711	4805.
%RSD	5.595	15.21	301.1	.7789	59.90	1.957

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.159	5.021	4.997	5.261	95120.	10560.
Stddev	.738	.244	1.223	1.441	3588.	103.
%RSD	34.17	4.857	24.47	27.39	3.772	.9757

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41340.	4245.	F 1101000.	2.203	-.4506	-.8912
Stddev	1718.	142.	32480.	.522	.9306	2.440
%RSD	4.156	3.350	2.949	23.68	206.5	273.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.400	-.7285	10.72	-1.748	221.2	.9206
Stddev	1.693	5.598	.67	.372	3.7	.6701
%RSD	20.16	768.4	6.290	21.31	1.684	72.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-9-a Acquired: 10/25/2012 17:47:09 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.142	1373.	5.667	3985.
Stddev	1.778	3.	.370	193.
%RSD	56.58	.2480	6.525	4.848

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	860.08	23329.	8795.1
Stddev	18.22	235.	382.0
%RSD	2.1186	1.0078	4.3431

Sample Name: 460-46164-d-10-a Acquired: 10/25/2012 17:51:06 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	150.8	72.59	.3619	2213.	.1044	F 328000.
Stddev	8.8	3.34	.1757	3.	.0244	1606.
%RSD	5.808	4.604	48.55	.1251	23.38	.4898

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.168	5.865	3.365	-2.064	118900.	9803.
Stddev	.449	.390	.107	.627	1702.	68.
%RSD	10.77	6.642	3.185	30.37	1.432	.6929

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62200.	6119.	F 1108000.	-.0323	8.376	-1.773
Stddev	1034.	72.	49490.	.7157	1.569	3.063
%RSD	1.662	1.182	4.467	2219.	18.73	172.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.288	-4.596	8.579	-.8059	23.02	.0329
Stddev	3.980	2.057	.647	.4404	.69	.6373
%RSD	42.85	44.76	7.543	54.65	3.000	1940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-10-a Acquired: 10/25/2012 17:51:06 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.069	1428.	5.135	6759.
Stddev	1.142	9.	.612	156.
%RSD	22.52	.6486	11.92	2.309

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	795.78	22088.	8708.0
Stddev	13.83	139.	117.7
%RSD	1.7381	.63002	1.3520

Sample Name: CCV Acquired: 10/25/2012 17:55:04 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	2508.	1187.	10060.	926.0	126700.
Stddev	154.	8.	4.	13.	2.9	154.
%RSD	.1270	.3256	.2982	.1286	.3177	.1214

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1240.	2501.	4736.	11910.	94210.	50790.
Stddev	2.	4.	17.	17.	113.	62.
%RSD	.1967	.1653	.3592	.1398	.1195	.1230

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116200.	4809.	125800.	2511.	7485.	1023.
Stddev	409.	13.	482.	7.	15.	3.
%RSD	.3516	.2737	.3829	.2827	.1939	.3339

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2509.	2522.	2410.	2341.	1009.	2515.
Stddev	8.	10.	10.	9.	2.	3.
%RSD	.3129	.4126	.4101	.3873	.2302	.1273

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 17:55:04 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	983.5	5102.	9652.	9994.
Stddev	2.7	12.	8.	41.
%RSD	.2731	.2312	.0831	.4138

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	962.61	27729.	9504.9
Stddev	5.12	70.	20.4
%RSD	.53210	.25326	.21494

Sample Name: CCB Acquired: 10/25/2012 17:58:44 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.83	-4.014	-.0868	.6923	.1330	15.52
Stddev	10.23	3.375	.2174	.4979	.0743	11.48
%RSD	68.96	84.07	250.4	71.92	55.81	73.97

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1371	-.0146	.7814	.2718	14.69	99.87
Stddev	.1991	.1202	.3089	.3863	10.22	24.99
%RSD	145.3	822.9	39.53	142.1	69.59	25.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.04	.2959	535.8	.2447	2.732	1.547
Stddev	5.41	.3054	105.5	.4670	2.039	1.392
%RSD	41.48	103.2	19.69	190.8	74.65	90.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.058	1.620	-.1012	-.2020	.1026	2.228
Stddev	2.631	3.125	.0619	.2637	.3953	.181
%RSD	248.6	192.9	61.14	130.6	385.5	8.149

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 17:58:44 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.082	.4312	1.397	-5.338
Stddev	.550	.4174	.393	2.602
%RSD	50.85	96.81	28.15	48.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1092.4	31520.	9899.5
Stddev	.5	22.	49.1
%RSD	.04769	.06873	.49599

Sample Name: 460-46164-d-11-a Acquired: 10/25/2012 18:02:30 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	77.04	.9552	1.196	1045.	-.0123	172300.
Stddev	5.39	1.853	.429	2.	.0098	491.
%RSD	6.993	194.0	35.89	.1607	80.22	.2849

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6519	.3501	-.4119	13.82	9335.	4129.
Stddev	.2101	.0775	.4120	.10	37.	13.
%RSD	32.23	22.13	100.0	.7105	.3930	.3248

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28450.	6628.	149200.	1.402	4.747	-4.139
Stddev	54.	13.	507.	.845	2.977	2.491
%RSD	.1903	.1948	.3396	60.30	62.72	60.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.483	4.004	.6457	-.2628	18.85	.5326
Stddev	2.515	4.456	.4596	.3668	1.05	.5110
%RSD	26.52	111.3	71.18	139.6	5.599	95.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-11-a Acquired: 10/25/2012 18:02:30 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4179	276.3	7.428	12320.
Stddev	.8632	.8	.253	86.
%RSD	206.5	.2858	3.407	.6990

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	976.31	27842.	9629.9
Stddev	6.74	253.	74.5
%RSD	.68999	.90901	.77386

Sample Name: 460-46164-d-12-a Acquired: 10/25/2012 18:06:18 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63.88	6.894	1.007	512.7	.0205	119000.
Stddev	2.60	4.212	.327	.5	.0421	119.
%RSD	4.072	61.10	32.49	.0965	205.0	.1001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9289	.4730	.8642	13.77	26000.	3058.
Stddev	.3040	.1768	.2072	1.97	21.	8.
%RSD	32.73	37.38	23.98	14.32	.0823	.2653

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25040.	5521.	53720.	1.188	28.78	-1.125
Stddev	44.	9.	26.	.549	2.24	3.099
%RSD	.1759	.1602	.0482	46.20	7.776	275.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.36	2.358	1.424	-.7614	54.09	.3041
Stddev	1.85	2.656	.248	.3400	.17	.5887
%RSD	16.24	112.6	17.41	44.65	.3194	193.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-12-a Acquired: 10/25/2012 18:06:18 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2149	392.0	5.758	14430.
Stddev	.3486	.8	.191	71.
%RSD	162.2	.2127	3.323	.4893

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1003.0	28812.	9695.7
Stddev	5.6	114.	84.4
%RSD	.55671	.39560	.86998

Sample Name: 460-46164-d-13-a Acquired: 10/25/2012 18:09:58 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	201.7	46.51	.1915	1394.	.0736	242100.
Stddev	5.0	1.46	.5383	5.	.0502	1615.
%RSD	2.455	3.133	281.0	.3485	68.23	.6670

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.982	3.884	5.949	1.829	70630.	9008.
Stddev	.285	.102	.327	.291	843.	190.
%RSD	14.39	2.632	5.488	15.92	1.194	2.114

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29430.	3608.	F 1152000.	3.470	1.649	-3.692
Stddev	464.	41.	74740.	1.420	3.273	4.606
%RSD	1.576	1.147	6.485	40.92	198.5	124.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.552	1.657	34.22	-1.077	552.5	1.613
Stddev	10.99	3.043	.39	.041	3.2	.964
%RSD	197.9	183.7	1.125	3.789	.5860	59.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-13-a Acquired: 10/25/2012 18:09:58 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.113	1277.	17.01	3438.
Stddev	1.137	3.	.74	59.
%RSD	36.51	.2080	4.335	1.707

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	801.94	22005.	8716.8
Stddev	6.36	129.	219.8
%RSD	.79337	.58734	2.5218

Sample Name: 460-46164-d-15-a Acquired: 10/25/2012 18:13:55 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.95	-.4735	-.0829	35.55	.0642	13040.
Stddev	9.36	1.381	.4455	.39	.0131	26.
%RSD	72.32	291.7	537.1	1.100	20.39	.2024

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0300	1.388	.8398	15.64	1086.	2004.
Stddev	.1421	.059	.2955	.80	7.	34.
%RSD	474.5	4.260	35.18	5.084	.6146	1.690

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2598.	770.3	21440.	2.724	4.071	-1.295
Stddev	3.	1.9	358.	.272	1.444	2.708
%RSD	.1272	.2498	1.670	10.00	35.47	209.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6958	2.974	.3539	32.87	16.32	.2898
Stddev	2.175	2.241	.3549	.14	.55	.2585
%RSD	312.6	75.35	100.3	.4140	3.400	89.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-15-a Acquired: 10/25/2012 18:13:55 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3943	52.10	.6279	3011.
Stddev	.8025	.09	.1967	28.
%RSD	203.5	.1796	31.32	.9346

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1079.8	29658.	9132.1
Stddev	2.0	143.	161.1
%RSD	.18445	.48091	1.7640

Sample Name: 460-46164-d-17-a Acquired: 10/25/2012 18:17:38 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.25	2.915	.9254	615.9	.0080	88810.
Stddev	9.27	2.530	.5241	7.8	.0252	938.
%RSD	17.73	86.81	56.64	1.259	313.5	1.056

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2416	-.2558	.9369	13.42	5277.	3628.
Stddev	.0809	.1692	.2871	2.05	122.	25.
%RSD	33.49	66.15	30.65	15.28	2.319	.6946

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10440.	4343.	F 596500.	1.593	5.364	-1.217
Stddev	243.	87.	24170.	1.181	2.844	2.251
%RSD	2.325	2.001	4.053	74.14	53.02	184.9

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.699	-.0481	1.440	-.1893	68.50	.0218
Stddev	4.791	4.082	.159	.3081	.41	1.081
%RSD	62.24	8488.	11.00	162.8	.5951	4968.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-17-a Acquired: 10/25/2012 18:17:38 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9341	211.7	6.532	13720.
Stddev	1.662	1.7	.589	88.
%RSD	177.9	.7922	9.020	.6412

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	973.24	25685.	8674.3
Stddev	.75	205.	92.0
%RSD	.07724	.79839	1.0611

Sample Name: 460-46164-d-18-a Acquired: 10/25/2012 18:21:28 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29.75	9.992	-.5750	14.73	.0121	2486.
Stddev	2.51	3.985	.6357	.27	.0449	11.
%RSD	8.429	39.88	110.6	1.829	372.6	.4277

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.279	.2162	.8196	47.09	35.81	809.0
Stddev	.116	.1521	.6102	1.35	13.97	14.7
%RSD	9.077	70.33	74.45	2.865	39.01	1.814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	266.9	31.72	209100.	1.108	2.369	-.4640
Stddev	8.3	.45	1484.	.580	1.959	1.499
%RSD	3.123	1.429	.7098	52.39	82.70	323.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.159	4.921	24.28	8.616	75.06	2.793
Stddev	1.474	3.014	.39	.241	.77	.599
%RSD	127.2	61.25	1.623	2.800	1.031	21.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-18-a Acquired: 10/25/2012 18:21:28 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1041	6.035	.2946	6297.
Stddev	.4015	.034	.4869	35.
%RSD	385.7	.5708	165.3	.5549

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1046.7	28237.	9199.4
Stddev	5.1	129.	30.0
%RSD	.48428	.45745	.32562

Sample Name: 460-46164-d-19-a Acquired: 10/25/2012 18:25:19 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	76.11	-.7978	1.473	1979.	.0291	156400.
Stddev	3.70	3.920	.771	8.	.0114	909.
%RSD	4.864	491.4	52.36	.4160	39.29	.5810

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3035	-.3658	-.6318	16.31	9664.	1740.
Stddev	.1050	.4317	.3457	1.62	41.	13.
%RSD	34.62	118.0	54.72	9.951	.4277	.7697

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27200.	7268.	F 602900.	.9373	5.077	-5.449
Stddev	177.	35.	17900.	.7077	2.411	1.908
%RSD	.6519	.4816	2.970	75.51	47.49	35.01

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.728	4.059	1.498	.2650	60.11	.1349
Stddev	4.271	5.172	.308	.2072	.34	.2839
%RSD	63.49	127.4	20.58	78.17	.5649	210.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-19-a Acquired: 10/25/2012 18:25:19 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.602	288.5	7.867	17040.
Stddev	.288	1.0	.934	134.
%RSD	18.00	.3598	11.87	.7890

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	951.43	25646.	8964.0
Stddev	6.33	136.	112.2
%RSD	.66503	.53178	1.2513

Sample Name: 460-46164-d-24-a Acquired: 10/25/2012 18:29:07 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	157.7	-.7452	-.1922	174.5	.0629	63480.
Stddev	4.3	.4380	.2127	.0	.0528	131.
%RSD	2.752	58.78	110.6	.0195	84.00	.2064

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0754	.3726	1.239	2.156	323.8	2037.
Stddev	.1375	.2842	.421	.429	12.9	14.
%RSD	182.4	76.27	34.02	19.93	3.989	.6650

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14890.	40.64	40860.	1.264	6.063	-2.451
Stddev	59.	.58	116.	1.175	1.418	.648
%RSD	.3979	1.437	.2846	92.99	23.39	26.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6966	2.909	1.654	13.24	39.65	.3068
Stddev	1.852	1.232	.358	.22	.48	.2973
%RSD	265.9	42.36	21.63	1.691	1.199	96.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-24-a Acquired: 10/25/2012 18:29:07 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0376	200.7	9.046	5405.
Stddev	.5598	.4	.520	58.
%RSD	1488.	.1847	5.751	1.076

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1072.1	29228.	9172.7
Stddev	.8	170.	104.9
%RSD	.07898	.58247	1.1441

Sample Name: 460-46164-d-25-a Acquired: 10/25/2012 18:32:48 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.38	-1.363	-.1906	166.3	.0406	60570.
Stddev	7.95	1.384	.5786	.5	.0259	135.
%RSD	14.62	101.6	303.6	.3186	63.87	.2227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2331	.1744	1.066	.8393	79.85	1935.
Stddev	.0591	.1767	.128	.8594	8.97	8.
%RSD	25.34	101.3	11.97	102.4	11.23	.4249

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14270.	15.41	37950.	1.308	2.122	-3.803
Stddev	77.	.09	56.	.548	1.903	1.255
%RSD	.5361	.5673	.1480	41.89	89.67	33.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6797	.2102	.6852	2.793	37.77	.2969
Stddev	2.522	2.992	.2770	.351	.36	.3743
%RSD	371.1	1424.	40.42	12.58	.9401	126.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-25-a Acquired: 10/25/2012 18:32:48 Type: Unk
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1101	192.0	4.865	5118.
Stddev	.8306	.2	.143	37.
%RSD	754.4	.0804	2.939	.7287

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1076.7	29403.	9186.8
Stddev	6.0	115.	53.1
%RSD	.55472	.38996	.57832

Sample Name: 460-46164-d-26-a Acquired: 10/25/2012 18:36:30 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	58.48	-.6001	-.4503	187.6	.0030	68210.
Stddev	1.86	2.676	.2160	.3	.1022	168.
%RSD	3.188	445.9	47.97	.1671	3416.	.2465

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0422	.1479	.8750	.6273	58.63	2041.
Stddev	.1593	.3685	.0953	1.008	3.77	9.
%RSD	377.4	249.1	10.89	160.6	6.438	.4634

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16220.	19.97	41430.	1.298	1.258	-3.687
Stddev	48.	.10	40.	.645	.953	1.424
%RSD	.2948	.5134	.0964	49.68	75.80	38.63

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.043	1.850	.6754	3.382	41.28	.1673
Stddev	.252	1.255	.2347	.128	.52	.3787
%RSD	8.291	67.82	34.74	3.771	1.251	226.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-d-26-a Acquired: 10/25/2012 18:36:30 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4468	217.4	4.979	5608.
Stddev	.5294	.6	.282	29.
%RSD	118.5	.2681	5.663	.5096

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1069.7	29160.	9158.3
Stddev	3.6	116.	66.6
%RSD	.33853	.39906	.72739

Sample Name: CCV Acquired: 10/25/2012 18:40:13 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119500.	2375.	1180.	9820.	924.2	125300.
Stddev	53.	8.	2.	10.	.9	121.
%RSD	.0440	.3221	.1582	.1045	.0935	.0967

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1230.	2446.	4881.	11590.	97550.	50320.
Stddev	3.	4.	22.	31.	263.	62.
%RSD	.2196	.1523	.4466	.2659	.2694	.1234

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	4938.	124300.	2452.	7411.	941.3
Stddev	557.	9.	146.	5.	14.	1.0
%RSD	.4607	.1771	.1177	.2122	.1913	.1052

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2362.	2450.	2427.	2423.	944.0	2422.
Stddev	13.	6.	2.	.	3.6	9.
%RSD	.5319	.2431	.0992	.0165	.3808	.3765

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 18:40:13 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	972.4	4959.	9542.	F 8801.
Stddev	3.3	31.	10.	39.
%RSD	.3433	.6219	.1005	.4436

Check ?	Sn1899	Sr4077	Ti3349	Si2881
Value	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Range				10000. -10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1023.3	27771.	8860.7
Stddev	5.0	159.	50.0
%RSD	.48482	.57340	.56403

Sample Name: CCB Acquired: 10/25/2012 18:43:47 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.47	-1.225	.2578	.6358	.1685	9.861
Stddev	3.35	1.952	.6769	.6096	.0553	14.91
%RSD	26.89	159.4	262.6	95.88	32.82	151.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0018	.2341	.5402	-.2810	16.01	60.45
Stddev	.1097	.2571	.5298	2.299	10.41	12.08
%RSD	5960.	109.8	98.08	818.3	65.05	19.99

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.93	.2812	177.8	.1496	.4823	.1603
Stddev	10.60	.3814	27.9	.4528	1.829	2.345
%RSD	81.95	135.6	15.70	302.7	379.3	1462.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2743	4.418	.4758	.2150	.3524	2.521
Stddev	1.608	2.584	.1940	.3317	.4775	.322
%RSD	586.1	58.48	40.78	154.3	135.5	12.77

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 18:43:47 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6088	.4254	1.545	-17.69
Stddev	.6485	.4003	.161	3.37
%RSD	106.5	94.11	10.40	19.03

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1155.6	31494.	9162.4
Stddev	4.2	66.	20.4
%RSD	.36159	.20925	.22283

Sample Name: 460-46164-c-32-a Acquired: 10/25/2012 18:47:33 Type: Unk

Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.04	-.7737	-.1945	.2057	.0305	25.80
Stddev	7.16	1.514	.3590	.1191	.0266	4.59
%RSD	51.00	195.7	184.6	57.92	87.20	17.79

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0461	.1593	.3793	1.647	8.118	40.72
Stddev	.0630	.2568	.1711	1.605	6.225	12.30
%RSD	136.7	161.2	45.10	97.49	76.68	30.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.312	.1550	170.2	.3416	.0805	-1.557
Stddev	2.129	.0301	3.8	.3642	.7516	2.214
%RSD	64.29	19.40	2.227	106.6	933.5	142.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7330	2.728	-.0864	1.463	-2.787	.2383
Stddev	4.640	1.379	.4118	.318	.406	.4647
%RSD	633.0	50.54	476.6	21.73	14.57	195.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-46164-c-32-a Acquired: 10/25/2012 18:47:33 Type: Unk
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0574	.0515	.2481	-19.67
Stddev	.2754	.0503	.1602	11.61
%RSD	479.8	97.57	64.57	59.04

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1156.9	31600.	9291.8
Stddev	8.4	236.	24.1
%RSD	.72582	.74666	.25898

Sample Name: CCV Acquired: 10/25/2012 18:51:19 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118900.	2374.	1173.	9780.	919.1	124600.
Stddev	330.	10.	4.	19.	2.8	372.
%RSD	.2778	.4065	.3189	.1898	.3060	.2988

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1221.	2433.	4835.	11530.	96630.	50090.
Stddev	4.	7.	6.	16.	5.	96.
%RSD	.3396	.2909	.1202	.1356	.0055	.1914

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119500.	4890.	123800.	2440.	7363.	947.4
Stddev	117.	4.	223.	5.	16.	9.2
%RSD	.0976	.0882	.1803	.2103	.2112	.9681

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2363.	2442.	2404.	2402.	941.5	2412.
Stddev	10.	10.	5.	5.	2.2	6.
%RSD	.4435	.4281	.2016	.2012	.2299	.2350

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/25/2012 18:51:19 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	967.2	4937.	9485.	F 8796.
Stddev	.5	26.	20.	50.
%RSD	.0548	.5340	.2138	.5667

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1026.1	27965.	8951.0
Stddev	6.1	183.	18.7
%RSD	.59158	.65277	.20938

Sample Name: CCB Acquired: 10/25/2012 18:54:52 Type: QC
Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.66	-1.270	.0293	.8101	.1657	10.96
Stddev	11.21	1.935	.1932	.3655	.0588	8.06
%RSD	57.01	152.3	658.9	45.11	35.51	73.58

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1241	.4811	.6827	.1069	15.50	81.03
Stddev	.1754	.2260	.1086	1.131	4.64	18.89
%RSD	141.4	46.97	15.91	1058.	29.95	23.32

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.403	.3793	119.5	.4919	2.712	.4181
Stddev	9.210	.3037	22.3	.5118	1.615	1.915
%RSD	97.95	80.05	18.68	104.0	59.55	458.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2379	1.929	.2549	-.1520	1.014	2.249
Stddev	2.867	1.671	.3720	.2290	.236	.205
%RSD	1205.	86.63	145.9	150.6	23.29	9.135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/25/2012 18:54:52 Type: QC
 Method: SW846_102312(v5) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1631	.4118	1.625	-23.84
Stddev	.2662	.3517	.423	8.74
%RSD	163.2	85.41	26.02	36.65

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1156.1	31593.	9235.0
Stddev	2.0	33.	9.3
%RSD	.17463	.10328	.10124

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 19:35:58 23 Oct 12 HG								
Hg	.000	ppb	42					
*** Standard: 2 Rep: 1 Seq: 2 19:37:51 23 Oct 12 HG								
Hg	.200	ppb	628					
*** Standard: 3 Rep: 1 Seq: 3 19:39:37 23 Oct 12 HG								
Hg	1.00	ppb	3063					
*** Standard: 4 Rep: 1 Seq: 4 19:41:42 23 Oct 12 HG								
Hg	2.00	ppb	6045					
*** Standard: 5 Rep: 1 Seq: 5 19:44:00 23 Oct 12 HG								
Hg	5.00	ppb	15347					
*** Standard: 6 Rep: 1 Seq: 6 19:45:57 23 Oct 12 HG								
Hg	10.0	ppb	30768					
*** Check Standard: 3 Ck3AICV Seq: 7 19:48:12 23 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.7	4.98	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 19:50:26 23 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.031	.200	ppb	.000			
*** Sample ID: Seq: 9 19:52:29 23 Oct 12 HG								
		MCL						
Hg	2.01	ppb	.000	2.01				
*** Sample ID: Seq: 10 19:54:12 23 Oct 12 HG								
		mb 460-133263/11-a						
Hg	.002	ppb	.000	.002				
*** Sample ID: Seq: 11 19:56:27 23 Oct 12 HG								
		lcs 460-133263/12-a						
Hg	2.01	ppb	.000	2.01				
*** Sample ID: Seq: 12 19:59:17 23 Oct 12 HG								
		460-46246-i-1-d						
Hg	-.013	ppb	.000	-.013				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 13 20:01:24 23 Oct 12 HG								
460-46246-i-1-e du								
Hg	.013	ppb	.000	.013				
*** Sample ID: Seq: 14 20:03:52 23 Oct 12 HG								
460-46246-i-1-f ms								
Hg	1.97	ppb	.000	1.97				
*** Sample ID: Seq: 15 20:05:41 23 Oct 12 HG								
460-46244-i-1-b								
Hg	.021	ppb	.000	.021				
*** Sample ID: Seq: 16 20:08:07 23 Oct 12 HG								
460-46245-i-1-b								
Hg	.055	ppb	.000	.055				
*** Sample ID: Seq: 17 20:09:55 23 Oct 12 HG								
460-46246-i-2-b								
Hg	.020	ppb	.000	.020				
*** Sample ID: Seq: 18 20:11:40 23 Oct 12 HG								
460-46246-i-3-b								
Hg	.048	ppb	.000	.048				
*** Check Standard: 2 Ck2ACCV Seq: 19 20:13:25 23 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.4	4.97	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:15:18 23 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.049	.200	ppb	.000			
*** Sample ID: Seq: 21 20:17:03 23 Oct 12 HG								
460-46247-i-1-b								
Hg	.007	ppb	.000	.007				
*** Sample ID: Seq: 22 20:19:32 23 Oct 12 HG								
460-46247-i-2-b								
Hg	.018	ppb	.000	.018				
*** Sample ID: Seq: 23 20:21:15 23 Oct 12 HG								
460-46247-i-3-b								
Hg	.032	ppb	.000	.032				
*** Sample ID: Seq: 24 20:22:58 23 Oct 12 HG								
460-46248-i-1-b								
Hg	.038	ppb	.000	.038				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 25 20:24:43 23 Oct 12 HG
460-46248-i-2-b
Hg .034 ppb .000 .034

*** Sample ID: Seq: 26 20:26:40 23 Oct 12 HG
460-46248-i-3-b
Hg .003 ppb .000 .003

*** Sample ID: Seq: 27 20:28:35 23 Oct 12 HG
460-46249-i-1-b
Hg .022 ppb .000 .022

*** Sample ID: Seq: 28 20:30:32 23 Oct 12 HG
460-46249-i-2-b
Hg .038 ppb .000 .038

*** Sample ID: Seq: 29 20:33:17 23 Oct 12 HG
460-46249-i-3-b
Hg .039 ppb .000 .039

*** Sample ID: Seq: 30 20:35:11 23 Oct 12 HG
460-46192-d-1-a
Hg .020 ppb .000 .020

*** Check Standard: 2 Ck2ACCV Seq: 31 20:36:58 23 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 98.9 4.95 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:40:31 23 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .017 .200 ppb .000

*** Sample ID: Seq: 33 20:42:25 23 Oct 12 HG
460-46192-d-2-a
Hg .058 ppb .000 .058

*** Sample ID: Seq: 34 20:44:30 23 Oct 12 HG
460-46192-d-3-a
Hg -.005 ppb .000 -.005

*** Sample ID: Seq: 35 20:46:46 23 Oct 12 HG
460-46225-e-6-a
Hg .043 ppb .000 .043

*** Sample ID: Seq: 36 20:48:33 23 Oct 12 HG
460-46225-e-7-a
Hg .543 ppb .000 .543

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 20:50:30 23 Oct 12 HG

460-46225-e-8-a

Hg .233 ppb .000 .233

*** Sample ID: Seq: 38 20:52:37 23 Oct 12 HG

SD 460-46246-i-1-d@5

Hg .008 ppb .000 .008

*** Check Standard: 2 Ck2ACCV Seq: 39 20:54:20 23 Oct 12 HG

Line Flag %Rcv. Found True Units SD/RSD

Hg 99.5 4.97 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 20:56:04 23 Oct 12 HG

Line Flag Found Range(+/-) Units SD/RSD

Hg -.052 .200 ppb .000

*** Sample ID: Seq: 41 20:58:40 23 Oct 12 HG

mb 460-133266/10-a

Hg .019 ppb .000 .019

*** Sample ID: Seq: 42 21:00:48 23 Oct 12 HG

lcs 460-133266/11-a

Hg 4.98 ppb .000 4.98

*** Sample ID: Seq: 43 21:02:35 23 Oct 12 HG

460-46157-a-1-i

Hg -.028 ppb .000 -.028

*** Sample ID: Seq: 44 21:04:30 23 Oct 12 HG

460-46157-a-1-j du

Hg .037 ppb .000 .037

*** Sample ID: Seq: 45 21:06:36 23 Oct 12 HG

460-46157-a-1-k ms

Hg 5.01 ppb .000 5.01

*** Sample ID: Seq: 46 21:09:31 23 Oct 12 HG

460-46107-a-1-d

Hg .032 ppb .000 .032

*** Sample ID: Seq: 47 21:11:16 23 Oct 12 HG

460-46148-a-1-h

Hg -.006 ppb .000 -.006

*** Sample ID: Seq: 48 21:13:01 23 Oct 12 HG

460-46148-a-2-g

Hg -.025 ppb .000 -.025

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 49 21:15:16 23 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg		98.0	4.90	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 50 21:17:01 23 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg		-.011	.200	ppb	.000

*** Sample ID: Seq: 51 21:18:55 23 Oct 12 HG

460-46148-a-3-h

Hg	.027	ppb	.000	.027

*** Sample ID: Seq: 52 21:20:41 23 Oct 12 HG

460-46148-a-4-i

Hg	-.021	ppb	.000	-.021

*** Sample ID: Seq: 53 21:22:27 23 Oct 12 HG

460-46148-a-5-h

Hg	.018	ppb	.000	.018

*** Sample ID: Seq: 54 21:24:12 23 Oct 12 HG

460-46148-a-6-h

Hg	.011	ppb	.000	.011

*** Sample ID: Seq: 55 21:26:09 23 Oct 12 HG

460-46148-a-7-h

Hg	.046	ppb	.000	.046

*** Sample ID: Seq: 56 21:28:04 23 Oct 12 HG

460-46148-a-8-g

Hg	.021	ppb	.000	.021

*** Sample ID: Seq: 57 21:30:02 23 Oct 12 HG

460-46148-a-9-g

Hg	.038	ppb	.000	.038

*** Sample ID: Seq: 58 21:33:01 23 Oct 12 HG

460-46148-a-10-d

Hg	.008	ppb	.000	.008

*** Check Standard: 2 Ck2ACCV Seq: 59 21:34:47 23 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg		96.8	4.84	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 60 21:37:10 23 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg		-.000	.200	ppb	.000

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 61 21:39:18 23 Oct 12 HG								
460-46148-a-11-e								
Hg	.017	ppb	.000	.017				
*** Sample ID: Seq: 62 21:41:25 23 Oct 12 HG								
460-46148-a-12-g								
Hg	.007	ppb	.000	.007				
*** Sample ID: Seq: 63 21:43:10 23 Oct 12 HG								
460-46132-a-1-d								
Hg	-.005	ppb	.000	-.005				
*** Sample ID: Seq: 64 21:44:57 23 Oct 12 HG								
460-46125-a-1-d								
Hg	.093	ppb	.000	.093				
*** Sample ID: Seq: 65 21:46:45 23 Oct 12 HG								
460-46125-a-2-d								
Hg	.006	ppb	.000	.006				
*** Sample ID: Seq: 66 21:48:33 23 Oct 12 HG								
lb 460-133093/1-e								
Hg	.013	ppb	.000	.013				
*** Sample ID: Seq: 67 21:50:34 23 Oct 12 HG								
SD 460-46157-a-1-i@5								
Hg	.048	ppb	.000	.048				
*** Check Standard: 2 Ck2ACCV Seq: 68 21:52:52 23 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		97.7	4.88	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 69 21:54:40 23 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.013	.200		ppb	.000		
*** Sample ID: Seq: 70 21:56:55 23 Oct 12 HG								
mb 460-133291/10-a								
Hg	.005	ppb	.000	.005				
*** Sample ID: Seq: 71 21:59:08 23 Oct 12 HG								
lcs 460-133291/11-a								
Hg	1.98	ppb	.000	1.98				
*** Sample ID: Seq: 72 22:01:16 23 Oct 12 HG								
460-46268-i-2-d								
Hg	.031	ppb	.000	.031				

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 73 22:03:41 23 Oct 12 HG								
460-46268-i-2-e du								
Hg	.021	ppb	.000	.021				
*** Sample ID: Seq: 74 22:05:29 23 Oct 12 HG								
460-46268-i-2-f ms								
Hg	1.95	ppb	.000	1.95				
*** Sample ID: Seq: 75 22:07:34 23 Oct 12 HG								
460-46267-i-1-b								
Hg	-.006	ppb	.000	-.006				
*** Check Standard: 2 Ck2ACCV Seq: 76 22:09:27 23 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.5	4.92	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 77 22:11:11 23 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.028	.200	ppb	.000			
*** Sample ID: Seq: 78 22:14:04 23 Oct 12 HG								
460-46268-i-1-b								
Hg	-.023	ppb	.000	-.023				
*** Sample ID: Seq: 79 22:15:50 23 Oct 12 HG								
460-46268-i-3-b								
Hg	.130	ppb	.000	.130				
*** Sample ID: Seq: 80 22:17:55 23 Oct 12 HG								
460-46269-i-1-b								
Hg	.017	ppb	.000	.017				
*** Sample ID: Seq: 81 22:20:02 23 Oct 12 HG								
460-46269-i-2-b								
Hg	.015	ppb	.000	.015				
*** Sample ID: Seq: 82 22:22:18 23 Oct 12 HG								
460-46269-i-3-b								
Hg	.052	ppb	.000	.052				
*** Sample ID: Seq: 83 22:24:02 23 Oct 12 HG								
SD 460-46268-i-2-d@5								
Hg	.027	ppb	.000	.027				
*** Check Standard: 2 Ck2ACCV Seq: 84 22:25:47 23 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		97.4	4.87	5.00	ppb	.000		

Protocol: 245_7470

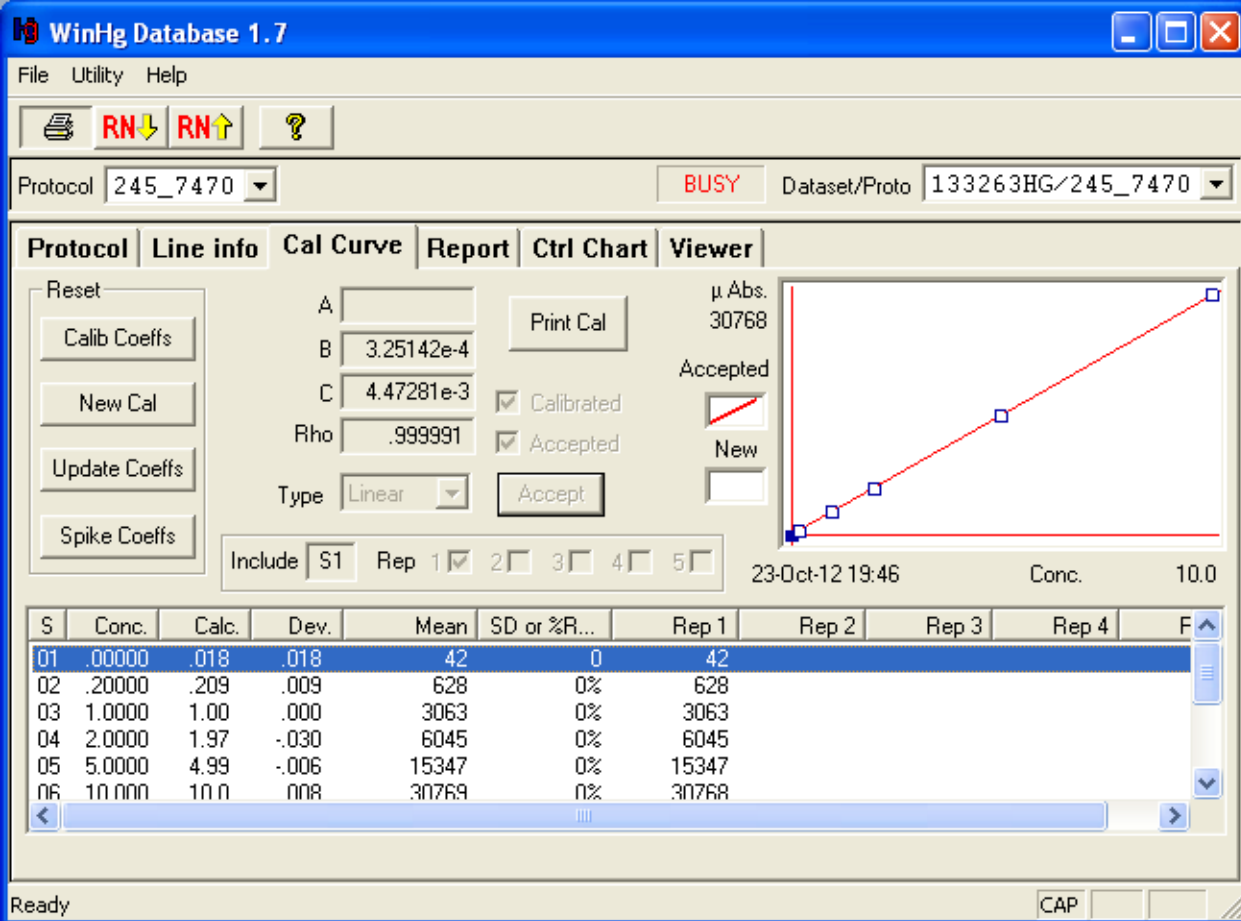
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 85 22:27:35 23 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg		-.113	.200	ppb	.000



POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 19:35:58 23 Oct 12 HG								
Hg	.000	ppb	42					
*** Standard: 2 Rep: 1 Seq: 2 19:37:51 23 Oct 12 HG								
Hg	.200	ppb	628					
*** Standard: 3 Rep: 1 Seq: 3 19:39:37 23 Oct 12 HG								
Hg	1.00	ppb	3063					
*** Standard: 4 Rep: 1 Seq: 4 19:41:42 23 Oct 12 HG								
Hg	2.00	ppb	6045					
*** Standard: 5 Rep: 1 Seq: 5 19:44:00 23 Oct 12 HG								
Hg	5.00	ppb	15347					
*** Standard: 6 Rep: 1 Seq: 6 19:45:57 23 Oct 12 HG								
Hg	10.0	ppb	30768					
*** Check Standard: 3 Ck3AICV Seq: 7 19:48:12 23 Oct 12 HG								
Line	Flag	Intensities						
Hg		15317						
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 19:50:26 23 Oct 12 HG								
Line	Flag	Intensities						
Hg		-110						
*** Sample ID: Seq: 9 19:52:29 23 Oct 12 HG								
		MCL						
Hg	2.01	ppb	6161					
*** Sample ID: Seq: 10 19:54:12 23 Oct 12 HG								
		mb 460-133263/11-a						
Hg	.002	ppb	-8					
*** Sample ID: Seq: 11 19:56:27 23 Oct 12 HG								
		lcs 460-133263/12-a						
Hg	2.01	ppb	6171					
*** Sample ID: Seq: 12 19:59:17 23 Oct 12 HG								
		460-46246-i-1-d						
Hg	-.013	ppb	-53					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 13 20:01:24 23 Oct 12 HG
460-46246-i-1-e du
Hg .013 ppb 25

*** Sample ID: Seq: 14 20:03:52 23 Oct 12 HG
460-46246-i-1-f ms
Hg 1.97 ppb 6057

*** Sample ID: Seq: 15 20:05:41 23 Oct 12 HG
460-46244-i-1-b
Hg .021 ppb 52

*** Sample ID: Seq: 16 20:08:07 23 Oct 12 HG
460-46245-i-1-b
Hg .055 ppb 154

*** Sample ID: Seq: 17 20:09:55 23 Oct 12 HG
460-46246-i-2-b
Hg .020 ppb 47

*** Sample ID: Seq: 18 20:11:40 23 Oct 12 HG
460-46246-i-3-b
Hg .048 ppb 133

*** Check Standard: 2 Ck2ACCV Seq: 19 20:13:25 23 Oct 12 HG
Line Flag Intensities
Hg 15277

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:15:18 23 Oct 12 HG
Line Flag Intensities
Hg 138

*** Sample ID: Seq: 21 20:17:03 23 Oct 12 HG
460-46247-i-1-b
Hg .007 ppb 9

*** Sample ID: Seq: 22 20:19:32 23 Oct 12 HG
460-46247-i-2-b
Hg .018 ppb 41

*** Sample ID: Seq: 23 20:21:15 23 Oct 12 HG
460-46247-i-3-b
Hg .032 ppb 85

*** Sample ID: Seq: 24 20:22:58 23 Oct 12 HG
460-46248-i-1-b
Hg .038 ppb 102

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 25 20:24:43 23 Oct 12 HG
 460-46248-i-2-b
 Hg .034 ppb 91

*** Sample ID: Seq: 26 20:26:40 23 Oct 12 HG
 460-46248-i-3-b
 Hg .003 ppb -3

*** Sample ID: Seq: 27 20:28:35 23 Oct 12 HG
 460-46249-i-1-b
 Hg .022 ppb 55

*** Sample ID: Seq: 28 20:30:32 23 Oct 12 HG
 460-46249-i-2-b
 Hg .038 ppb 103

*** Sample ID: Seq: 29 20:33:17 23 Oct 12 HG
 460-46249-i-3-b
 Hg .039 ppb 107

*** Sample ID: Seq: 30 20:35:11 23 Oct 12 HG
 460-46192-d-1-a
 Hg .020 ppb 48

*** Check Standard: 2 Ck2ACCV Seq: 31 20:36:58 23 Oct 12 HG
 Line Flag Intensities
 Hg 15195

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:40:31 23 Oct 12 HG
 Line Flag Intensities
 Hg 37

*** Sample ID: Seq: 33 20:42:25 23 Oct 12 HG
 460-46192-d-2-a
 Hg .058 ppb 164

*** Sample ID: Seq: 34 20:44:30 23 Oct 12 HG
 460-46192-d-3-a
 Hg -.005 ppb -30

*** Sample ID: Seq: 35 20:46:46 23 Oct 12 HG
 460-46225-e-6-a
 Hg .043 ppb 117

*** Sample ID: Seq: 36 20:48:33 23 Oct 12 HG
 460-46225-e-7-a
 Hg .543 ppb 1656

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 20:50:30 23 Oct 12 HG
 460-46225-e-8-a
 Hg .233 ppb 702

*** Sample ID: Seq: 38 20:52:37 23 Oct 12 HG
 SD 460-46246-i-1-d@5
 Hg .008 ppb 11

*** Check Standard: 2 Ck2ACCV Seq: 39 20:54:20 23 Oct 12 HG
 Line Flag Intensities
 Hg 15282

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 20:56:04 23 Oct 12 HG
 Line Flag Intensities
 Hg -175

*** Sample ID: Seq: 41 20:58:40 23 Oct 12 HG
 mb 460-133266/10-a
 Hg .019 ppb 45

*** Sample ID: Seq: 42 21:00:48 23 Oct 12 HG
 lcs 460-133266/11-a
 Hg 4.98 ppb 15310

*** Sample ID: Seq: 43 21:02:35 23 Oct 12 HG
 460-46157-a-1-i
 Hg -.028 ppb -101

*** Sample ID: Seq: 44 21:04:30 23 Oct 12 HG
 460-46157-a-1-j du
 Hg .037 ppb 99

*** Sample ID: Seq: 45 21:06:36 23 Oct 12 HG
 460-46157-a-1-k ms
 Hg 5.01 ppb 15398

*** Sample ID: Seq: 46 21:09:31 23 Oct 12 HG
 460-46107-a-1-d
 Hg .032 ppb 85

*** Sample ID: Seq: 47 21:11:16 23 Oct 12 HG
 460-46148-a-1-h
 Hg -.006 ppb -33

*** Sample ID: Seq: 48 21:13:01 23 Oct 12 HG
 460-46148-a-2-g
 Hg -.025 ppb -91

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 49 21:15:16 23 Oct 12 HG
Line Flag Intensities
Hg 15052

*** Check Standard: 1 Ck1ICB/CCB Seq: 50 21:17:01 23 Oct 12 HG
Line Flag Intensities
Hg -49

*** Sample ID: Seq: 51 21:18:55 23 Oct 12 HG
460-46148-a-3-h
Hg .027 ppb 69

*** Sample ID: Seq: 52 21:20:41 23 Oct 12 HG
460-46148-a-4-i
Hg -.021 ppb -77

*** Sample ID: Seq: 53 21:22:27 23 Oct 12 HG
460-46148-a-5-h
Hg .018 ppb 43

*** Sample ID: Seq: 54 21:24:12 23 Oct 12 HG
460-46148-a-6-h
Hg .011 ppb 21

*** Sample ID: Seq: 55 21:26:09 23 Oct 12 HG
460-46148-a-7-h
Hg .046 ppb 127

*** Sample ID: Seq: 56 21:28:04 23 Oct 12 HG
460-46148-a-8-g
Hg .021 ppb 52

*** Sample ID: Seq: 57 21:30:02 23 Oct 12 HG
460-46148-a-9-g
Hg .038 ppb 104

*** Sample ID: Seq: 58 21:33:01 23 Oct 12 HG
460-46148-a-10-d
Hg .008 ppb 10

*** Check Standard: 2 Ck2ACCV Seq: 59 21:34:47 23 Oct 12 HG
Line Flag Intensities
Hg 14869

*** Check Standard: 1 Ck1ICB/CCB Seq: 60 21:37:10 23 Oct 12 HG
Line Flag Intensities
Hg -15

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 61 21:39:18 23 Oct 12 HG								
				460-46148-a-11-e				
Hg	.017	ppb	38					
*** Sample ID: Seq: 62 21:41:25 23 Oct 12 HG								
				460-46148-a-12-g				
Hg	.007	ppb	7					
*** Sample ID: Seq: 63 21:43:10 23 Oct 12 HG								
				460-46132-a-1-d				
Hg	-.005	ppb	-28					
*** Sample ID: Seq: 64 21:44:57 23 Oct 12 HG								
				460-46125-a-1-d				
Hg	.093	ppb	271					
*** Sample ID: Seq: 65 21:46:45 23 Oct 12 HG								
				460-46125-a-2-d				
Hg	.006	ppb	6					
*** Sample ID: Seq: 66 21:48:33 23 Oct 12 HG								
				lb 460-133093/1-e				
Hg	.013	ppb	25					
*** Sample ID: Seq: 67 21:50:34 23 Oct 12 HG								
				SD 460-46157-a-1-i@5				
Hg	.048	ppb	133					
*** Check Standard: 2 Ck2ACCV Seq: 68 21:52:52 23 Oct 12 HG								
Line	Flag		Intensities					
Hg			15003					
*** Check Standard: 1 Ck1ICB/CCB Seq: 69 21:54:40 23 Oct 12 HG								
Line	Flag		Intensities					
Hg			-53					
*** Sample ID: Seq: 70 21:56:55 23 Oct 12 HG								
				mb 460-133291/10-a				
Hg	.005	ppb	3					
*** Sample ID: Seq: 71 21:59:08 23 Oct 12 HG								
				lcs 460-133291/11-a				
Hg	1.98	ppb	6063					
*** Sample ID: Seq: 72 22:01:16 23 Oct 12 HG								
				460-46268-i-2-d				
Hg	.031	ppb	82					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 73 22:03:41 23 Oct 12 HG								
460-46268-i-2-e du								
Hg	.021	ppb	50					
*** Sample ID: Seq: 74 22:05:29 23 Oct 12 HG								
460-46268-i-2-f ms								
Hg	1.95	ppb	5993					
*** Sample ID: Seq: 75 22:07:34 23 Oct 12 HG								
460-46267-i-1-b								
Hg	-.006	ppb	-32					
*** Check Standard: 2 Ck2ACCV Seq: 76 22:09:27 23 Oct 12 HG								
Line	Flag	Intensities						
Hg		15132						
*** Check Standard: 1 Ck1ICB/CCB Seq: 77 22:11:11 23 Oct 12 HG								
Line	Flag	Intensities						
Hg		-99						
*** Sample ID: Seq: 78 22:14:04 23 Oct 12 HG								
460-46268-i-1-b								
Hg	-.023	ppb	-85					
*** Sample ID: Seq: 79 22:15:50 23 Oct 12 HG								
460-46268-i-3-b								
Hg	.130	ppb	387					
*** Sample ID: Seq: 80 22:17:55 23 Oct 12 HG								
460-46269-i-1-b								
Hg	.017	ppb	40					
*** Sample ID: Seq: 81 22:20:02 23 Oct 12 HG								
460-46269-i-2-b								
Hg	.015	ppb	32					
*** Sample ID: Seq: 82 22:22:18 23 Oct 12 HG								
460-46269-i-3-b								
Hg	.052	ppb	145					
*** Sample ID: Seq: 83 22:24:02 23 Oct 12 HG								
SD 460-46268-i-2-d@5								
Hg	.027	ppb	70					
*** Check Standard: 2 Ck2ACCV Seq: 84 22:25:47 23 Oct 12 HG								
Line	Flag	Intensities						
Hg		14969						

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1/ICB/CCB Seq: 85 22:27:35 23 Oct 12 HG

Line Flag Intensities

Hg -360

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 20:12:19 24 Oct 12 HG								
Hg	.000	ppb	81					
*** Standard: 2 Rep: 1 Seq: 2 20:14:06 24 Oct 12 HG								
Hg	.200	ppb	407					
*** Standard: 3 Rep: 1 Seq: 3 20:16:03 24 Oct 12 HG								
Hg	1.00	ppb	3107					
*** Standard: 4 Rep: 1 Seq: 4 20:17:49 24 Oct 12 HG								
Hg	2.00	ppb	6122					
*** Standard: 5 Rep: 1 Seq: 5 20:19:34 24 Oct 12 HG								
Hg	5.00	ppb	14998					
*** Standard: 6 Rep: 1 Seq: 6 20:21:28 24 Oct 12 HG								
Hg	10.0	ppb	29977					
*** Check Standard: 3 Ck3AICV Seq: 7 20:23:27 24 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	102.	5.12	5.00	ppb	.000			
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:25:22 24 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.005	.200	ppb	.000				
*** Sample ID: Seq: 9 20:27:05 24 Oct 12 HG								
		MCL						
Hg	2.06	ppb	.000	2.06				
*** Sample ID: Seq: 10 20:28:53 24 Oct 12 HG								
		mb 460-133445/11-a						
Hg	.000	ppb	.000	.000				
*** Sample ID: Seq: 11 20:30:52 24 Oct 12 HG								
		lcs 460-133445/12-a						
Hg	1.07	ppb	.000	1.07				
*** Sample ID: Seq: 12 20:32:51 24 Oct 12 HG								
		460-46192-d-4-d						
Hg	.010	ppb	.000	.010				

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 13 20:34:37 24 Oct 12 HG								
460-46192-d-4-e du								
Hg	.006	ppb	.000	.006				
*** Sample ID: Seq: 14 20:36:25 24 Oct 12 HG								
460-46192-d-4-f ms								
Hg	1.03	ppb	.000	1.03				
*** Sample ID: Seq: 15 20:38:52 24 Oct 12 HG								
460-44764-a-18-a								
Hg	6.13	ppb	.000	6.13				
*** Sample ID: Seq: 16 20:41:08 24 Oct 12 HG								
460-46236-d-4-a								
Hg	.272	ppb	.000	.272				
*** Sample ID: Seq: 17 20:43:22 24 Oct 12 HG								
460-46285-e-1-a								
Hg	.083	ppb	.000	.083				
*** Sample ID: Seq: 18 20:45:09 24 Oct 12 HG								
460-46225-e-9-b								
Hg	11.9	ppb	.000	11.9				
*** Check Standard: 2 Ck2ACCV Seq: 19 20:46:59 24 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	103.	5.14	5.00	ppb	.000			
*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:48:43 24 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.015	.200	ppb	.000				
*** Sample ID: Seq: 21 20:50:32 24 Oct 12 HG								
460-46264-a-1-a								
Hg	11.2	ppb	.000	11.2				
*** Sample ID: Seq: 22 20:52:17 24 Oct 12 HG								
460-46264-f-2-a								
Hg	2.98	ppb	.000	2.98				
*** Sample ID: Seq: 23 20:54:12 24 Oct 12 HG								
460-46264-f-9-a								
Hg	-.005	ppb	.000	-.005				
*** Sample ID: Seq: 24 20:55:56 24 Oct 12 HG								
460-46299-g-1-a								
Hg	.014	ppb	.000	.014				

Protocol: 245_7470

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 25 20:57:51 24 Oct 12 HG								
				460-46158-e-9-b				
Hg	.008	ppb	.000	.008				
*** Sample ID: Seq: 26 20:59:36 24 Oct 12 HG								
				460-46159-e-1-b				
Hg	.027	ppb	.000	.027				
*** Sample ID: Seq: 27 21:01:55 24 Oct 12 HG								
				460-46159-e-2-c				
Hg	.011	ppb	.000	.011				
*** Sample ID: Seq: 28 21:03:39 24 Oct 12 HG								
				460-46159-d-6-b				
Hg	.006	ppb	.000	.006				
*** Sample ID: Seq: 29 21:05:27 24 Oct 12 HG								
				460-46190-c-1-b				
Hg	.020	ppb	.000	.020				
*** Sample ID: Seq: 30 21:07:12 24 Oct 12 HG								
				460-46190-c-2-b				
Hg	.020	ppb	.000	.020				
*** Check Standard: 2 Ck2ACCV Seq: 31 21:09:18 24 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	102.	5.10	5.00	ppb	.000			
*** Check Standard: 1 Ck1ICB/CCB Seq: 32 21:11:02 24 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.017	.200	ppb	.000				
*** Sample ID: Seq: 33 21:12:50 24 Oct 12 HG								
				460-46190-c-3-b				
Hg	.007	ppb	.000	.007				
*** Sample ID: Seq: 34 21:14:55 24 Oct 12 HG								
				460-46190-c-4-b				
Hg	.010	ppb	.000	.010				
*** Sample ID: Seq: 35 21:16:53 24 Oct 12 HG								
				460-46190-c-5-b				
Hg	-.004	ppb	.000	-.004				
*** Sample ID: Seq: 36 21:19:00 24 Oct 12 HG								
				460-46190-c-6-b				
Hg	-.015	ppb	.000	-.015				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 37 21:21:04 24 Oct 12 HG								
460-46225-e-9-b@2								
Hg	6.27	ppb	.000	6.27				
*** Sample ID: Seq: 38 21:22:50 24 Oct 12 HG								
460-46264-a-1-a@2								
Hg	5.60	ppb	.000	5.60				
*** Sample ID: Seq: 39 21:24:34 24 Oct 12 HG								
460-46264-f-2-a								
Hg	2.99	ppb	.000	2.99				
*** Sample ID: Seq: 40 21:26:28 24 Oct 12 HG								
SD 460-46192-d-4-d@5								
Hg	-.002	ppb	.000	-.002				
*** Check Standard: 2 Ck2ACCV Seq: 41 21:29:42 24 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		103.	5.14	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 42 21:31:41 24 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.000	.200	ppb	.000			
*** Sample ID: Seq: 43 21:33:36 24 Oct 12 HG								
mb 460-133446/10-a								
Hg	-.003	ppb	.000	-.003				
*** Sample ID: Seq: 44 21:36:02 24 Oct 12 HG								
lcs 460-133446/11-a								
Hg	2.04	ppb	.000	2.04				
*** Sample ID: Seq: 45 21:38:00 24 Oct 12 HG								
460-46291-i-1-d								
Hg	.009	ppb	.000	.009				
*** Sample ID: Seq: 46 21:39:46 24 Oct 12 HG								
460-46291-i-1-e du								
Hg	.035	ppb	.000	.035				
*** Sample ID: Seq: 47 21:41:54 24 Oct 12 HG								
460-46291-i-1-f ms								
Hg	2.06	ppb	.000	2.06				
*** Sample ID: Seq: 48 21:43:43 24 Oct 12 HG								
460-46290-i-1-b								
Hg	-.040	ppb	.000	-.040				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 21:45:44 24 Oct 12 HG
460-46291-i-2-b
Hg -.003 ppb .000 -.003

*** Sample ID: Seq: 50 21:47:32 24 Oct 12 HG
460-46291-i-3-b
Hg .022 ppb .000 .022

*** Check Standard: 2 Ck2ACCV Seq: 51 21:49:18 24 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 103. 5.17 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 52 21:51:57 24 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.000 .200 ppb .000

*** Sample ID: Seq: 53 21:53:43 24 Oct 12 HG
460-46292-i-1-b
Hg -.002 ppb .000 -.002

*** Sample ID: Seq: 54 21:55:31 24 Oct 12 HG
460-46292-i-2-b
Hg .006 ppb .000 .006

*** Sample ID: Seq: 55 21:57:17 24 Oct 12 HG
460-46292-i-3-b
Hg .031 ppb .000 .031

*** Sample ID: Seq: 56 21:59:26 24 Oct 12 HG
460-46324-i-1-b
Hg .085 ppb .000 .085

*** Sample ID: Seq: 57 22:01:34 24 Oct 12 HG
460-46324-i-2-b
Hg .068 ppb .000 .068

*** Sample ID: Seq: 58 22:03:19 24 Oct 12 HG
460-46324-i-3-b
Hg .179 ppb .000 .179

*** Sample ID: Seq: 59 22:05:24 24 Oct 12 HG
460-46325-i-1-b
Hg -.028 ppb .000 -.028

*** Sample ID: Seq: 60 22:07:29 24 Oct 12 HG
460-46325-i-2-b
Hg .024 ppb .000 .024

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 61 22:09:35 24 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 104. 5.19 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 62 22:11:34 24 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .026 .200 ppb .000

*** Sample ID: Seq: 63 22:13:20 24 Oct 12 HG
460-46325-i-3-b
Hg .170 ppb .000 .170

*** Sample ID: Seq: 64 22:15:06 24 Oct 12 HG
460-46326-i-1-b
Hg .026 ppb .000 .026

*** Sample ID: Seq: 65 22:16:51 24 Oct 12 HG
460-46326-i-2-b
Hg .023 ppb .000 .023

*** Sample ID: Seq: 66 22:18:51 24 Oct 12 HG
460-46326-i-3-b
Hg .700 ppb .000 .700

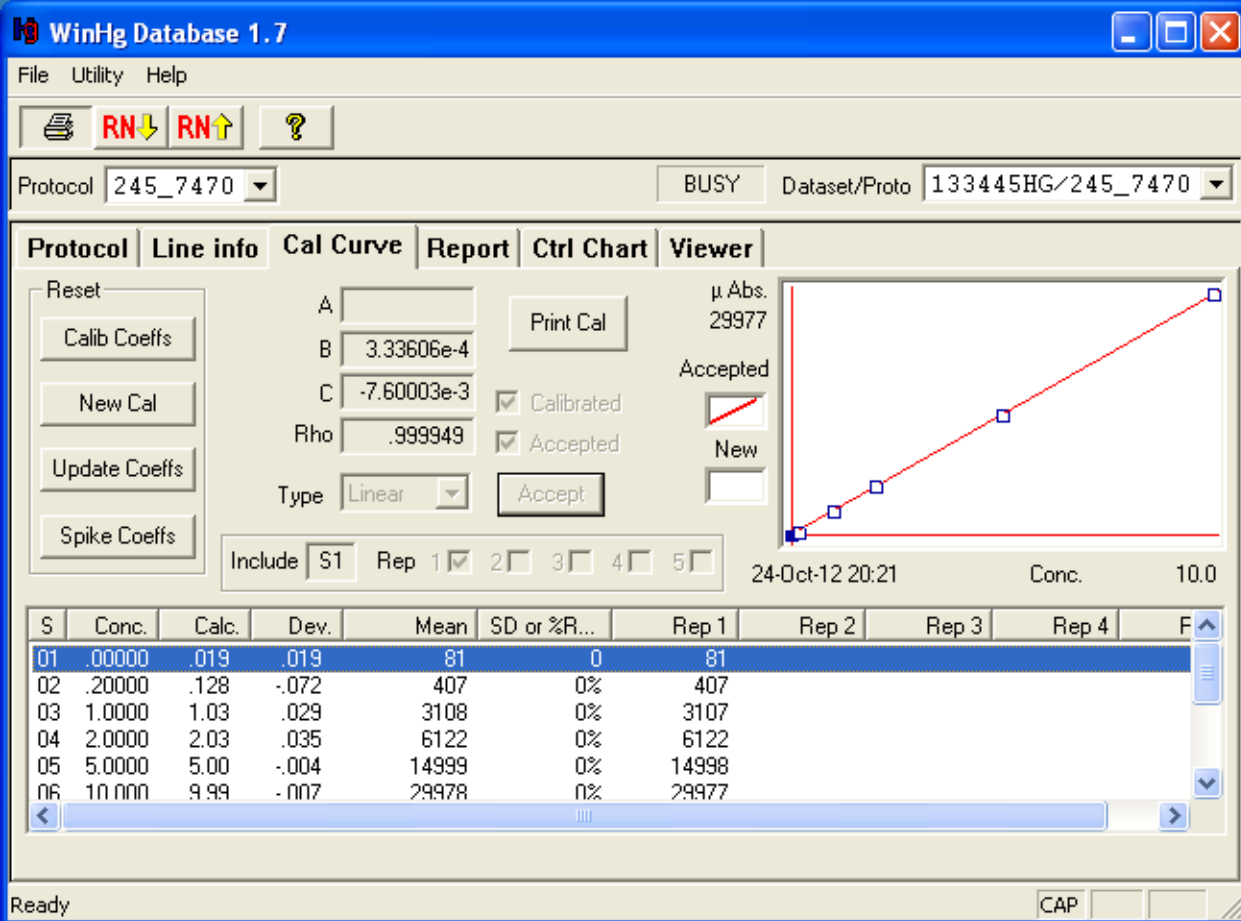
*** Sample ID: Seq: 67 22:20:48 24 Oct 12 HG
460-46327-h-1-b
Hg .083 ppb .000 .083

*** Sample ID: Seq: 68 22:23:03 24 Oct 12 HG
460-46329-h-1-b
Hg .060 ppb .000 .060

*** Sample ID: Seq: 69 22:24:51 24 Oct 12 HG
SD 460-46291-i-1-d@5
Hg .008 ppb .000 .008

*** Check Standard: 2 Ck2ACCV Seq: 70 22:26:47 24 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 105. 5.26 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 71 22:29:32 24 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .016 .200 ppb .000



POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 20:12:19 24 Oct 12 HG								
Hg	.000	ppb	81					
*** Standard: 2 Rep: 1 Seq: 2 20:14:06 24 Oct 12 HG								
Hg	.200	ppb	407					
*** Standard: 3 Rep: 1 Seq: 3 20:16:03 24 Oct 12 HG								
Hg	1.00	ppb	3107					
*** Standard: 4 Rep: 1 Seq: 4 20:17:49 24 Oct 12 HG								
Hg	2.00	ppb	6122					
*** Standard: 5 Rep: 1 Seq: 5 20:19:34 24 Oct 12 HG								
Hg	5.00	ppb	14998					
*** Standard: 6 Rep: 1 Seq: 6 20:21:28 24 Oct 12 HG								
Hg	10.0	ppb	29977					
*** Check Standard: 3 Ck3AICV Seq: 7 20:23:27 24 Oct 12 HG								
Line	Flag	Intensities						
Hg		15361						
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:25:22 24 Oct 12 HG								
Line	Flag	Intensities						
Hg		7						
*** Sample ID: Seq: 9 20:27:05 24 Oct 12 HG								
		MCL						
Hg	2.06	ppb	6202					
*** Sample ID: Seq: 10 20:28:53 24 Oct 12 HG								
		mb 460-133445/11-a						
Hg	.000	ppb	24					
*** Sample ID: Seq: 11 20:30:52 24 Oct 12 HG								
		lcs 460-133445/12-a						
Hg	1.07	ppb	3238					
*** Sample ID: Seq: 12 20:32:51 24 Oct 12 HG								
		460-46192-d-4-d						
Hg	.010	ppb	53					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 13 20:34:37 24 Oct 12 HG								
				460-46192-d-4-e du				
Hg	.006	ppb	41					
*** Sample ID: Seq: 14 20:36:25 24 Oct 12 HG								
				460-46192-d-4-f ms				
Hg	1.03	ppb	3125					
*** Sample ID: Seq: 15 20:38:52 24 Oct 12 HG								
				460-44764-a-18-a				
Hg	6.13	ppb	18384					
*** Sample ID: Seq: 16 20:41:08 24 Oct 12 HG								
				460-46236-d-4-a				
Hg	.272	ppb	837					
*** Sample ID: Seq: 17 20:43:22 24 Oct 12 HG								
				460-46285-e-1-a				
Hg	.083	ppb	272					
*** Sample ID: Seq: 18 20:45:09 24 Oct 12 HG								
				460-46225-e-9-b				
Hg	11.9	ppb	35614					
*** Check Standard: 2 Ck2ACCV Seq: 19 20:46:59 24 Oct 12 HG								
Line	Flag		Intensities					
Hg			15442					
*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:48:43 24 Oct 12 HG								
Line	Flag		Intensities					
Hg			-22					
*** Sample ID: Seq: 21 20:50:32 24 Oct 12 HG								
				460-46264-a-1-a				
Hg	11.2	ppb	33493					
*** Sample ID: Seq: 22 20:52:17 24 Oct 12 HG								
				460-46264-f-2-a				
Hg	2.98	ppb	8943					
*** Sample ID: Seq: 23 20:54:12 24 Oct 12 HG								
				460-46264-f-9-a				
Hg	-.005	ppb	8					
*** Sample ID: Seq: 24 20:55:56 24 Oct 12 HG								
				460-46299-g-1-a				
Hg	.014	ppb	64					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 25 20:57:51 24 Oct 12 HG
460-46158-e-9-b
Hg .008 ppb 48

*** Sample ID: Seq: 26 20:59:36 24 Oct 12 HG
460-46159-e-1-b
Hg .027 ppb 104

*** Sample ID: Seq: 27 21:01:55 24 Oct 12 HG
460-46159-e-2-c
Hg .011 ppb 55

*** Sample ID: Seq: 28 21:03:39 24 Oct 12 HG
460-46159-d-6-b
Hg .006 ppb 42

*** Sample ID: Seq: 29 21:05:27 24 Oct 12 HG
460-46190-c-1-b
Hg .020 ppb 82

*** Sample ID: Seq: 30 21:07:12 24 Oct 12 HG
460-46190-c-2-b
Hg .020 ppb 82

*** Check Standard: 2 Ck2ACCV Seq: 31 21:09:18 24 Oct 12 HG
Line Flag Intensities
Hg 15303

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 21:11:02 24 Oct 12 HG
Line Flag Intensities
Hg -27

*** Sample ID: Seq: 33 21:12:50 24 Oct 12 HG
460-46190-c-3-b
Hg .007 ppb 45

*** Sample ID: Seq: 34 21:14:55 24 Oct 12 HG
460-46190-c-4-b
Hg .010 ppb 54

*** Sample ID: Seq: 35 21:16:53 24 Oct 12 HG
460-46190-c-5-b
Hg -.004 ppb 11

*** Sample ID: Seq: 36 21:19:00 24 Oct 12 HG
460-46190-c-6-b
Hg -.015 ppb -23

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 21:21:04 24 Oct 12 HG
 460-46225-e-9-b@2
 Hg 6.27 ppb 18824

*** Sample ID: Seq: 38 21:22:50 24 Oct 12 HG
 460-46264-a-1-a@2
 Hg 5.60 ppb 16814

*** Sample ID: Seq: 39 21:24:34 24 Oct 12 HG
 460-46264-f-2-a
 Hg 2.99 ppb 8978

*** Sample ID: Seq: 40 21:26:28 24 Oct 12 HG
 SD 460-46192-d-4-d@5
 Hg -.002 ppb 16

*** Check Standard: 2 Ck2ACCV Seq: 41 21:29:42 24 Oct 12 HG
 Line Flag Intensities
 Hg 15421

*** Check Standard: 1 Ck1ICB/CCB Seq: 42 21:31:41 24 Oct 12 HG
 Line Flag Intensities
 Hg 23

*** Sample ID: Seq: 43 21:33:36 24 Oct 12 HG
 mb 460-133446/10-a
 Hg -.003 ppb 14

*** Sample ID: Seq: 44 21:36:02 24 Oct 12 HG
 lcs 460-133446/11-a
 Hg 2.04 ppb 6148

*** Sample ID: Seq: 45 21:38:00 24 Oct 12 HG
 460-46291-i-1-d
 Hg .009 ppb 51

*** Sample ID: Seq: 46 21:39:46 24 Oct 12 HG
 460-46291-i-1-e du
 Hg .035 ppb 128

*** Sample ID: Seq: 47 21:41:54 24 Oct 12 HG
 460-46291-i-1-f ms
 Hg 2.06 ppb 6186

*** Sample ID: Seq: 48 21:43:43 24 Oct 12 HG
 460-46290-i-1-b
 Hg -.040 ppb -98

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 21:45:44 24 Oct 12 HG
460-46291-i-2-b
Hg -.003 ppb 15

*** Sample ID: Seq: 50 21:47:32 24 Oct 12 HG
460-46291-i-3-b
Hg .022 ppb 88

*** Check Standard: 2 Ck2ACCV Seq: 51 21:49:18 24 Oct 12 HG
Line Flag Intensities
Hg 15526

*** Check Standard: 1 Ck1ICB/CCB Seq: 52 21:51:57 24 Oct 12 HG
Line Flag Intensities
Hg 22

*** Sample ID: Seq: 53 21:53:43 24 Oct 12 HG
460-46292-i-1-b
Hg -.002 ppb 16

*** Sample ID: Seq: 54 21:55:31 24 Oct 12 HG
460-46292-i-2-b
Hg .006 ppb 41

*** Sample ID: Seq: 55 21:57:17 24 Oct 12 HG
460-46292-i-3-b
Hg .031 ppb 117

*** Sample ID: Seq: 56 21:59:26 24 Oct 12 HG
460-46324-i-1-b
Hg .085 ppb 279

*** Sample ID: Seq: 57 22:01:34 24 Oct 12 HG
460-46324-i-2-b
Hg .068 ppb 228

*** Sample ID: Seq: 58 22:03:19 24 Oct 12 HG
460-46324-i-3-b
Hg .179 ppb 560

*** Sample ID: Seq: 59 22:05:24 24 Oct 12 HG
460-46325-i-1-b
Hg -.028 ppb -62

*** Sample ID: Seq: 60 22:07:29 24 Oct 12 HG
460-46325-i-2-b
Hg .024 ppb 96

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 61 22:09:35 24 Oct 12 HG
Line Flag Intensities
Hg 15594

*** Check Standard: 1 Ck1ICB/CCB Seq: 62 22:11:34 24 Oct 12 HG
Line Flag Intensities
Hg 100

*** Sample ID: Seq: 63 22:13:20 24 Oct 12 HG
460-46325-i-3-b
Hg .170 ppb 533

*** Sample ID: Seq: 64 22:15:06 24 Oct 12 HG
460-46326-i-1-b
Hg .026 ppb 100

*** Sample ID: Seq: 65 22:16:51 24 Oct 12 HG
460-46326-i-2-b
Hg .023 ppb 93

*** Sample ID: Seq: 66 22:18:51 24 Oct 12 HG
460-46326-i-3-b
Hg .700 ppb 2121

*** Sample ID: Seq: 67 22:20:48 24 Oct 12 HG
460-46327-h-1-b
Hg .083 ppb 273

*** Sample ID: Seq: 68 22:23:03 24 Oct 12 HG
460-46329-h-1-b
Hg .060 ppb 202

*** Sample ID: Seq: 69 22:24:51 24 Oct 12 HG
SD 460-46291-i-1-d@5
Hg .008 ppb 47

*** Check Standard: 2 Ck2ACCV Seq: 70 22:26:47 24 Oct 12 HG
Line Flag Intensities
Hg 15791

*** Check Standard: 1 Ck1ICB/CCB Seq: 71 22:29:32 24 Oct 12 HG
Line Flag Intensities
Hg 71

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 19:51:36 26 Oct 12 HG								
Hg	.000	ppb	64					
*** Standard: 2 Rep: 1 Seq: 2 19:53:20 26 Oct 12 HG								
Hg	.200	ppb	628					
*** Standard: 3 Rep: 1 Seq: 3 19:55:07 26 Oct 12 HG								
Hg	1.00	ppb	3057					
*** Standard: 4 Rep: 1 Seq: 4 19:57:22 26 Oct 12 HG								
Hg	2.00	ppb	5925					
*** Standard: 5 Rep: 1 Seq: 5 19:59:16 26 Oct 12 HG								
Hg	5.00	ppb	15048					
*** Standard: 6 Rep: 1 Seq: 6 20:01:05 26 Oct 12 HG								
Hg	10.0	ppb	29997					
*** Check Standard: 3 Ck3AICV Seq: 7 20:02:51 26 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	103.	5.13	5.00	ppb	.000			
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:05:04 26 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.007	.200	ppb	.000				
*** Sample ID: Seq: 9 20:06:52 26 Oct 12 HG								
		MCL						
Hg	1.99	ppb	.000	1.99				
*** Sample ID: Seq: 10 20:08:55 26 Oct 12 HG								
		mb 460-133760/1-b						
Hg	.006	ppb	.000	.006				
*** Sample ID: Seq: 11 20:10:38 26 Oct 12 HG								
		lcs 460-133766/12-a						
Hg	.997	ppb	.000	.997				
*** Sample ID: Seq: 12 20:12:34 26 Oct 12 HG								
		460-46192-e-4-j						
Hg	.532	ppb	.000	.532				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 13 20:14:39 26 Oct 12 HG								
460-46192-e-4-k du								
Hg	.532	ppb	.000	.532				
*** Sample ID: Seq: 14 20:16:41 26 Oct 12 HG								
460-46192-e-4-k du								
Hg	.517	ppb	.000	.517				
*** Sample ID: Seq: 15 20:18:30 26 Oct 12 HG								
460-46192-e-4-l ms								
Hg	1.49	ppb	.000	1.49				
*** Sample ID: Seq: 16 20:20:14 26 Oct 12 HG								
460-46192-e-1-d								
Hg	.004	ppb	.000	.004				
*** Sample ID: Seq: 17 20:21:59 26 Oct 12 HG								
460-46192-e-2-d								
Hg	.003	ppb	.000	.003				
*** Sample ID: Seq: 18 20:23:54 26 Oct 12 HG								
460-46192-e-3-d								
Hg	.014	ppb	.000	.014				
*** Check Standard: 2 Ck2ACCV Seq: 19 20:25:49 26 Oct 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	103.	5.13	5.00	ppb	.000			
*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:27:53 26 Oct 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	-.006	.200	ppb	.000				
*** Sample ID: Seq: 21 20:29:39 26 Oct 12 HG								
460-46225-d-6-d								
Hg	.001	ppb	.000	.001				
*** Sample ID: Seq: 22 20:31:35 26 Oct 12 HG								
460-46225-d-7-d								
Hg	.006	ppb	.000	.006				
*** Sample ID: Seq: 23 20:34:47 26 Oct 12 HG								
460-46225-d-8-d								
Hg	.012	ppb	.000	.012				
*** Sample ID: Seq: 24 20:36:36 26 Oct 12 HG								
460-46225-d-9-d								
Hg	.015	ppb	.000	.015				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 460-46191-a-2-a Seq: 25 20:39:09 26 Oct 12 HG
Hg .019 ppb .000 .019

*** Sample ID: Seq: 26 20:40:57 26 Oct 12 HG
460-46191-a-4-a
Hg .009 ppb .000 .009

*** Sample ID: Seq: 27 20:42:51 26 Oct 12 HG
460-46191-a-6-a
Hg .007 ppb .000 .007

*** Sample ID: Seq: 28 20:44:37 26 Oct 12 HG
460-46388-e-1-b
Hg .004 ppb .000 .004

*** Sample ID: Seq: 29 20:46:32 26 Oct 12 HG
460-46388-e-2-b
Hg .015 ppb .000 .015

*** Sample ID: Seq: 30 20:48:48 26 Oct 12 HG
460-46388-e-3-b
Hg .005 ppb .000 .005

*** Check Standard: 2 Ck2ACCV Seq: 31 20:50:42 26 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	5.15	5.00	ppb	.000

*** Check Standard: 1 Ck1/CB/CCB Seq: 32 20:53:17 26 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.002	.200	ppb	.000

*** Sample ID: Seq: 33 20:55:05 26 Oct 12 HG
460-46250-d-1-b
Hg -.001 ppb .000 -.001

*** Sample ID: Seq: 34 20:56:51 26 Oct 12 HG
460-46250-d-2-b
Hg .016 ppb .000 .016

*** Sample ID: Seq: 35 20:59:21 26 Oct 12 HG
460-46250-d-3-b
Hg .018 ppb .000 .018

*** Sample ID: 460-46250-d-4-b Seq: 36 21:01:05 26 Oct 12 HG
Hg .012 ppb .000 .012

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 21:03:04 26 Oct 12 HG

460-46250-d-6-b

Hg .022 ppb .000 .022

*** Sample ID: Seq: 38 21:05:12 26 Oct 12 HG

460-46275-d-1-b

Hg .005 ppb .000 .005

*** Sample ID: Seq: 39 21:07:10 26 Oct 12 HG

SD 460-46192-e-4-j@5

Hg .014 ppb .000 .014

*** Check Standard: 2 Ck2ACCV Seq: 40 21:08:58 26 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg 103. 5.14 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 41 21:10:52 26 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg -.007 .200 ppb .000

*** Sample ID: Seq: 42 21:12:37 26 Oct 12 HG

mb 460-133767/10-a

Hg .018 ppb .000 .018

*** Sample ID: Seq: 43 21:16:18 26 Oct 12 HG

lcs 460-133767/11-a

Hg 2.00 ppb .000 2.00

*** Sample ID: Seq: 44 21:18:02 26 Oct 12 HG

460-46427-i-1-a

Hg -.002 ppb .000 -.002

*** Sample ID: Seq: 45 21:20:07 26 Oct 12 HG

460-46427-i-1-b du

Hg .030 ppb .000 .030

*** Sample ID: Seq: 46 21:21:56 26 Oct 12 HG

460-46427-i-1-c ms

Hg 2.00 ppb .000 2.00

*** Sample ID: Seq: 47 21:24:41 26 Oct 12 HG

460-46399-c-25-b

Hg -.004 ppb .000 -.004

*** Sample ID: Seq: 48 21:26:26 26 Oct 12 HG

460-46368-g-1-a

Hg .046 ppb .000 .046

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 21:28:23 26 Oct 12 HG

460-46388-d-1-b

Hg .015 ppb .000 .015

*** Check Standard: 2 Ck2ACCV Seq: 50 21:30:11 26 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg 102. 5.09 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 21:31:54 26 Oct 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg -.040 .200 ppb .000

*** Sample ID: Seq: 52 21:33:51 26 Oct 12 HG

460-46388-d-2-b

Hg .013 ppb .000 .013

*** Sample ID: Seq: 53 21:36:10 26 Oct 12 HG

460-46388-d-3-b

Hg .010 ppb .000 .010

*** Sample ID: Seq: 54 21:37:58 26 Oct 12 HG

460-46402-f-1-d

Hg .010 ppb .000 .010

*** Sample ID: Seq: 55 21:40:04 26 Oct 12 HG

460-46314-h-1-a

Hg .010 ppb .000 .010

*** Sample ID: Seq: 56 21:41:58 26 Oct 12 HG

460-46315-h-1-a

Hg -.012 ppb .000 -.012

*** Sample ID: Seq: 57 21:43:45 26 Oct 12 HG

460-46382-e-2-d

Hg .001 ppb .000 .001

*** Sample ID: Seq: 58 21:45:35 26 Oct 12 HG

460-46382-e-3-b

Hg .007 ppb .000 .007

*** Sample ID: Seq: 59 21:47:22 26 Oct 12 HG

460-46426-h-1-a

Hg .011 ppb .000 .011

*** Check Standard: 2 Ck2ACCV Seq: 60 21:49:06 26 Oct 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg 103. 5.14 5.00 ppb .000

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 61 21:50:50 26 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.029 .200 ppb .000

*** Sample ID: Seq: 62 21:52:36 26 Oct 12 HG
460-46427-i-2-a
Hg .019 ppb .000 .019

*** Sample ID: Seq: 63 21:55:11 26 Oct 12 HG
460-46427-h-3-a
Hg .072 ppb .000 .072

*** Sample ID: Seq: 64 21:57:48 26 Oct 12 HG
460-46431-i-1-a
Hg .022 ppb .000 .022

*** Sample ID: Seq: 65 22:00:07 26 Oct 12 HG
460-46433-i-1-a
Hg .019 ppb .000 .019

*** Sample ID: Seq: 66 22:01:53 26 Oct 12 HG
460-46433-i-2-a
Hg .029 ppb .000 .029

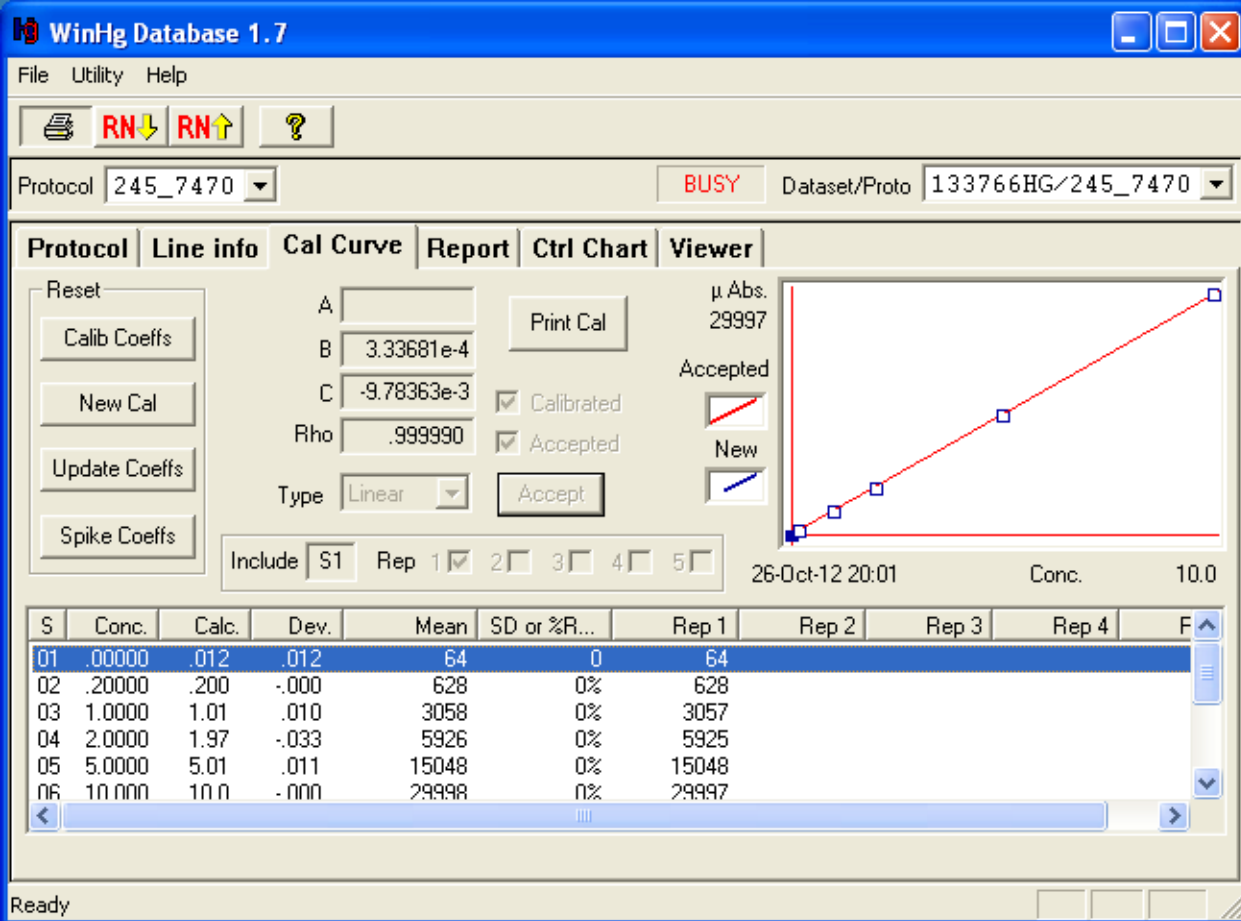
*** Sample ID: Seq: 67 22:03:42 26 Oct 12 HG
460-46433-i-3-a
Hg .006 ppb .000 .006

*** Sample ID: Seq: 68 22:06:10 26 Oct 12 HG
460-46286-e-1-b
Hg .090 ppb .000 .090

*** Sample ID: Seq: 69 22:08:07 26 Oct 12 HG
SD 460-46427-i-1-a@5
Hg .012 ppb .000 .012

*** Check Standard: 2 Ck2ACCV Seq: 70 22:09:55 26 Oct 12 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 5.12 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 71 22:11:58 26 Oct 12 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .001 .200 ppb .000



POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1 Seq: 1 19:51:36 26 Oct 12 HG								
Hg	.000	ppb	64					
*** Standard: 2 Rep: 1 Seq: 2 19:53:20 26 Oct 12 HG								
Hg	.200	ppb	628					
*** Standard: 3 Rep: 1 Seq: 3 19:55:07 26 Oct 12 HG								
Hg	1.00	ppb	3057					
*** Standard: 4 Rep: 1 Seq: 4 19:57:22 26 Oct 12 HG								
Hg	2.00	ppb	5925					
*** Standard: 5 Rep: 1 Seq: 5 19:59:16 26 Oct 12 HG								
Hg	5.00	ppb	15048					
*** Standard: 6 Rep: 1 Seq: 6 20:01:05 26 Oct 12 HG								
Hg	10.0	ppb	29997					
*** Check Standard: 3 Ck3AICV Seq: 7 20:02:51 26 Oct 12 HG								
Line	Flag	Intensities						
Hg		15393						
*** Check Standard: 1 Ck1ICB/CCB Seq: 8 20:05:04 26 Oct 12 HG								
Line	Flag	Intensities						
Hg		7						
*** Sample ID: Seq: 9 20:06:52 26 Oct 12 HG								
		MCL						
Hg	1.99	ppb	5990					
*** Sample ID: Seq: 10 20:08:55 26 Oct 12 HG								
		mb 460-133760/1-b						
Hg	.006	ppb	48					
*** Sample ID: Seq: 11 20:10:38 26 Oct 12 HG								
		lcs 460-133766/12-a						
Hg	.997	ppb	3017					
*** Sample ID: Seq: 12 20:12:34 26 Oct 12 HG								
		460-46192-e-4-j						
Hg	.532	ppb	1625					

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 13 20:14:39 26 Oct 12 HG
 460-46192-e-4-k du
 Hg .532 ppb 1624

*** Sample ID: Seq: 14 20:16:41 26 Oct 12 HG
 460-46192-e-4-k du
 Hg .517 ppb 1580

*** Sample ID: Seq: 15 20:18:30 26 Oct 12 HG
 460-46192-e-4-l ms
 Hg 1.49 ppb 4487

*** Sample ID: Seq: 16 20:20:14 26 Oct 12 HG
 460-46192-e-1-d
 Hg .004 ppb 40

*** Sample ID: Seq: 17 20:21:59 26 Oct 12 HG
 460-46192-e-2-d
 Hg .003 ppb 37

*** Sample ID: Seq: 18 20:23:54 26 Oct 12 HG
 460-46192-e-3-d
 Hg .014 ppb 70

*** Check Standard: 2 Ck2ACCV Seq: 19 20:25:49 26 Oct 12 HG
 Line Flag Intensities
 Hg 15396

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:27:53 26 Oct 12 HG
 Line Flag Intensities
 Hg 11

*** Sample ID: Seq: 21 20:29:39 26 Oct 12 HG
 460-46225-d-6-d
 Hg .001 ppb 32

*** Sample ID: Seq: 22 20:31:35 26 Oct 12 HG
 460-46225-d-7-d
 Hg .006 ppb 48

*** Sample ID: Seq: 23 20:34:47 26 Oct 12 HG
 460-46225-d-8-d
 Hg .012 ppb 65

*** Sample ID: Seq: 24 20:36:36 26 Oct 12 HG
 460-46225-d-9-d
 Hg .015 ppb 75

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 25 20:39:09 26 Oct 12 HG
460-46191-a-2-a
Hg .019 ppb 86

*** Sample ID: Seq: 26 20:40:57 26 Oct 12 HG
460-46191-a-4-a
Hg .009 ppb 55

*** Sample ID: Seq: 27 20:42:51 26 Oct 12 HG
460-46191-a-6-a
Hg .007 ppb 50

*** Sample ID: Seq: 28 20:44:37 26 Oct 12 HG
460-46388-e-1-b
Hg .004 ppb 40

*** Sample ID: Seq: 29 20:46:32 26 Oct 12 HG
460-46388-e-2-b
Hg .015 ppb 73

*** Sample ID: Seq: 30 20:48:48 26 Oct 12 HG
460-46388-e-3-b
Hg .005 ppb 43

*** Check Standard: 2 Ck2ACCV Seq: 31 20:50:42 26 Oct 12 HG
Line Flag Intensities
Hg 15469

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:53:17 26 Oct 12 HG
Line Flag Intensities
Hg 36

*** Sample ID: Seq: 33 20:55:05 26 Oct 12 HG
460-46250-d-1-b
Hg -.001 ppb 27

*** Sample ID: Seq: 34 20:56:51 26 Oct 12 HG
460-46250-d-2-b
Hg .016 ppb 77

*** Sample ID: Seq: 35 20:59:21 26 Oct 12 HG
460-46250-d-3-b
Hg .018 ppb 82

*** Sample ID: Seq: 36 21:01:05 26 Oct 12 HG
460-46250-d-4-b
Hg .012 ppb 65

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 21:03:04 26 Oct 12 HG
460-46250-d-6-b
Hg .022 ppb 96

*** Sample ID: Seq: 38 21:05:12 26 Oct 12 HG
460-46275-d-1-b
Hg .005 ppb 44

*** Sample ID: Seq: 39 21:07:10 26 Oct 12 HG
SD 460-46192-e-4-j@5
Hg .014 ppb 72

*** Check Standard: 2 Ck2ACCV Seq: 40 21:08:58 26 Oct 12 HG
Line Flag Intensities
Hg 15424

*** Check Standard: 1 Ck1ICB/CCB Seq: 41 21:10:52 26 Oct 12 HG
Line Flag Intensities
Hg 8

*** Sample ID: Seq: 42 21:12:37 26 Oct 12 HG
mb 460-133767/10-a
Hg .018 ppb 83

*** Sample ID: Seq: 43 21:16:18 26 Oct 12 HG
lcs 460-133767/11-a
Hg 2.00 ppb 6015

*** Sample ID: Seq: 44 21:18:02 26 Oct 12 HG
460-46427-i-1-a
Hg -.002 ppb 22

*** Sample ID: Seq: 45 21:20:07 26 Oct 12 HG
460-46427-i-1-b du
Hg .030 ppb 119

*** Sample ID: Seq: 46 21:21:56 26 Oct 12 HG
460-46427-i-1-c ms
Hg 2.00 ppb 6024

*** Sample ID: Seq: 47 21:24:41 26 Oct 12 HG
460-46399-c-25-b
Hg -.004 ppb 18

*** Sample ID: Seq: 48 21:26:26 26 Oct 12 HG
460-46368-g-1-a
Hg .046 ppb 166

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 21:28:23 26 Oct 12 HG
460-46388-d-1-b
Hg .015 ppb 73

*** Check Standard: 2 Ck2ACCV Seq: 50 21:30:11 26 Oct 12 HG
Line Flag Intensities
Hg 15295

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 21:31:54 26 Oct 12 HG
Line Flag Intensities
Hg -90

*** Sample ID: Seq: 52 21:33:51 26 Oct 12 HG
460-46388-d-2-b
Hg .013 ppb 67

*** Sample ID: Seq: 53 21:36:10 26 Oct 12 HG
460-46388-d-3-b
Hg .010 ppb 58

*** Sample ID: Seq: 54 21:37:58 26 Oct 12 HG
460-46402-f-1-d
Hg .010 ppb 60

*** Sample ID: Seq: 55 21:40:04 26 Oct 12 HG
460-46314-h-1-a
Hg .010 ppb 60

*** Sample ID: Seq: 56 21:41:58 26 Oct 12 HG
460-46315-h-1-a
Hg -.012 ppb -6

*** Sample ID: Seq: 57 21:43:45 26 Oct 12 HG
460-46382-e-2-d
Hg .001 ppb 33

*** Sample ID: Seq: 58 21:45:35 26 Oct 12 HG
460-46382-e-3-b
Hg .007 ppb 51

*** Sample ID: Seq: 59 21:47:22 26 Oct 12 HG
460-46426-h-1-a
Hg .011 ppb 62

*** Check Standard: 2 Ck2ACCV Seq: 60 21:49:06 26 Oct 12 HG
Line Flag Intensities
Hg 15421

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 61 21:50:50 26 Oct 12 HG

Line Flag Intensities

Hg -58

*** Sample ID: Seq: 62 21:52:36 26 Oct 12 HG

460-46427-i-2-a

Hg .019 ppb 86

*** Sample ID: Seq: 63 21:55:11 26 Oct 12 HG

460-46427-h-3-a

Hg .072 ppb 245

*** Sample ID: Seq: 64 21:57:48 26 Oct 12 HG

460-46431-i-1-a

Hg .022 ppb 94

*** Sample ID: Seq: 65 22:00:07 26 Oct 12 HG

460-46433-i-1-a

Hg .019 ppb 85

*** Sample ID: Seq: 66 22:01:53 26 Oct 12 HG

460-46433-i-2-a

Hg .029 ppb 115

*** Sample ID: Seq: 67 22:03:42 26 Oct 12 HG

460-46433-i-3-a

Hg .006 ppb 47

*** Sample ID: Seq: 68 22:06:10 26 Oct 12 HG

460-46286-e-1-b

Hg .090 ppb 299

*** Sample ID: Seq: 69 22:08:07 26 Oct 12 HG

SD 460-46427-i-1-a@5

Hg .012 ppb 66

*** Check Standard: 2 Ck2ACCV Seq: 70 22:09:55 26 Oct 12 HG

Line Flag Intensities

Hg 15361

*** Check Standard: 1 Ck1ICB/CCB Seq: 71 22:11:58 26 Oct 12 HG

Line Flag Intensities

Hg 31

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133330 Batch Start Date: 10/24/12 07:59 Batch Analyst: Chen, MandiBatch Method: 3010A Batch End Date: 10/24/12 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00033			
MB 460-133330/1		3010A, 6010B		100 mL	100 mL				
LCS 460-133330/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-46192-D-4	WG-17338-101812- MW27-MM-262	3010A, 6010B	T	100 mL	100 mL				
460-46192-D-4 DU	WG-17338-101812- MW27-MM-262	3010A, 6010B	T	100 mL	100 mL				
460-46192-D-4 MS	WG-17338-101812- MW27-MM-262	3010A, 6010B	T	100 mL	100 mL	2 mL			
460-46192-D-1	WG-17338-101812- MW29-MM-250	3010A, 6010B	T	100 mL	100 mL				
460-46192-D-2	WG-17338-101812- MW28-MM-260	3010A, 6010B	T	100 mL	100 mL				
460-46192-D-3	WG-17338-101812- MW35-MM-261	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 213
First End time	12:25
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	L03021
Hot Block ID number	3
Oven, Bath or Block Temperature 1	97 uncorr, 95 corr Degrees C
Pipette ID	25
First Start time	11:25
ID number of the thermometer	ICP-3 [CF -2]
Digestion Tube/Cup Lot #	1205258-2236-BJ

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133340 Batch Start Date: 10/24/12 08:36 Batch Analyst: Chen, MandiBatch Method: FILTRATION Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 460-133340/1		FILTRATION, 3010A, 6010B		130 mL	130 mL				
460-46192-E-1	WG-17338-101812- MW29-MM-250	FILTRATION, 3010A, 6010B	D	130 mL	130 mL				
460-46192-E-2	WG-17338-101812- MW28-MM-260	FILTRATION, 3010A, 6010B	D	130 mL	130 mL				
460-46192-E-3	WG-17338-101812- MW35-MM-261	FILTRATION, 3010A, 6010B	D	130 mL	130 mL				
460-46192-E-4	WG-17338-101812- MW27-MM-262	FILTRATION, 3010A, 6010B	D	130 mL	130 mL				
460-46192-E-4 DU	WG-17338-101812- MW27-MM-262	FILTRATION, 3010A, 6010B	D	130 mL	130 mL				
460-46192-E-4 MS	WG-17338-101812- MW27-MM-262	FILTRATION, 3010A, 6010B	D	130 mL	130 mL				

Batch Notes	

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133365 Batch Start Date: 10/24/12 09:57 Batch Analyst: Chen, MandiBatch Method: 3010A Batch End Date: 10/24/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00033			
MB 460-133340/1-A		3010A, 6010B		100 mL	100 mL				
LCS 460-133365/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-46192-E-4-A	WG-17338-101812- MW27-MM-262	3010A, 6010B	D	100 mL	100 mL				
460-46192-E-4-B DU	WG-17338-101812- MW27-MM-262	3010A, 6010B	D	100 mL	100 mL				
460-46192-E-4-C MS	WG-17338-101812- MW27-MM-262	3010A, 6010B	D	100 mL	100 mL	2 mL			
460-46192-E-1-A	WG-17338-101812- MW29-MM-250	3010A, 6010B	D	100 mL	100 mL				
460-46192-E-2-A	WG-17338-101812- MW28-MM-260	3010A, 6010B	D	100 mL	100 mL				
460-46192-E-3-A	WG-17338-101812- MW35-MM-261	3010A, 6010B	D	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 213
First End time	12:25
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	L03021
Hot Block ID number	5
Oven, Bath or Block Temperature 1	97 uncorr, 95 corr Degrees C
Pipette ID	25
First Start time	11:25
ID number of the thermometer	ICP-3 [CF -2]
Digestion Tube/Cup Lot #	1205258-2236-BJ

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133263 Batch Start Date: 10/23/12 16:50 Batch Analyst: Staib, ThomasBatch Method: 7470A Batch End Date: 10/23/12 18:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00949	ME_DQCS-INT 00666		
ICV 460-133263/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-133263/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-133263/9		7470A, 7470A		100 mL	100 mL				
MB 460-133263/11		7470A, 7470A		30 mL	30 mL				
LCS 460-133263/12		7470A, 7470A		30 mL	30 mL	0.6 mL			
460-46246-I-1 DU		7470A, 7470A	T	30 mL	30 mL				
460-46246-I-1 MS		7470A, 7470A	T	30 mL	30 mL	0.6 mL			
460-46192-D-1	WG-17338-101812- MW29-MM-250	7470A, 7470A	T	30 mL	30 mL				
460-46192-D-2	WG-17338-101812- MW28-MM-260	7470A, 7470A	T	30 mL	30 mL				
460-46192-D-3	WG-17338-101812- MW35-MM-261	7470A, 7470A	T	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01516
Sulfuric Acid Lot Number	L09049
Lot # of hydrochloric acid	HgR01513
Lot # of Nitric Acid	L12065
Hood ID or number	#2
Hot Block ID number	#9
Potassium Persulfate Lot Number	HgR01517
Potassium Permanganate Lot Number	HgR01515
NaCL Lot #	HgR01516
Oven, Bath or Block Temperature 1	96 uncorr 95 corr Degrees C
Pipette ID	#25
Stannous Chloride Lot Number	HgR01514
ID number of the thermometer	Prep-1 (CF -1)

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133263 Batch Start Date: 10/23/12 16:50 Batch Analyst: Staib, Thomas

Batch Method: 7470A Batch End Date: 10/23/12 18:50

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133445 Batch Start Date: 10/24/12 17:00 Batch Analyst: Staib, ThomasBatch Method: 7470A Batch End Date: 10/24/12 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00950	ME_DQCS-INT 00667		
ICV 460-133445/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-133445/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-133445/9		7470A, 7470A		100 mL	100 mL				
MB 460-133445/11		7470A, 7470A		30 mL	30 mL				
LCS 460-133445/12		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-46192-D-4	WG-17338-101812- MW27-MM-262	7470A, 7470A	T	30 mL	30 mL				
460-46192-D-4 DU	WG-17338-101812- MW27-MM-262	7470A, 7470A	T	30 mL	30 mL				
460-46192-D-4 MS	WG-17338-101812- MW27-MM-262	7470A, 7470A	T	30 mL	30 mL	0.3 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01516
Sulfuric Acid Lot Number	L09049
Lot # of hydrochloric acid	HgR01513
Lot # of Nitric Acid	L12065
Hood ID or number	#2
Hot Block ID number	#9
Potassium Persulfate Lot Number	HgR01517
Potassium Permanganate Lot Number	HgR01515
NaCL Lot #	HgR01516
Oven, Bath or Block Temperature 1	96 uncorr 95 corr Degrees C
Pipette ID	#25
Stannous Chloride Lot Number	HgR01514
ID number of the thermometer	Prep-1 (CF -1)

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133760 Batch Start Date: 10/26/12 16:00 Batch Analyst: Staib, ThomasBatch Method: FILTRATION Batch End Date: 10/26/12 16:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
MB 460-133760/1		FILTRATION, 7470A, 7470A		30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			
460-46192-E-4	WG-17338-101812- MW27-MM-262	FILTRATION, 7470A, 7470A	D	30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			
460-46192-E-4 DU	WG-17338-101812- MW27-MM-262	FILTRATION, 7470A, 7470A	D	30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			
460-46192-E-4 MS	WG-17338-101812- MW27-MM-262	FILTRATION, 7470A, 7470A	D	30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			
460-46192-E-1	WG-17338-101812- MW29-MM-250	FILTRATION, 7470A, 7470A	D	30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			
460-46192-E-2	WG-17338-101812- MW28-MM-260	FILTRATION, 7470A, 7470A	D	30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			
460-46192-E-3	WG-17338-101812- MW35-MM-261	FILTRATION, 7470A, 7470A	D	30 mL	30 mL	Sample Was Preserved With HNO3 And pH Was Taken At 1			

Batch Notes	
Filter Lot #	1070623
Lot # of Nitric Acid	L12065

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133766 Batch Start Date: 10/26/12 17:17 Batch Analyst: Staib, ThomasBatch Method: 7470A Batch End Date: 10/26/12 19:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00952	ME_DQCS-INT 00669		
ICV 460-133766/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-133766/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-133766/9		7470A, 7470A		100 mL	100 mL				
MB 460-133760/1-A		7470A, 7470A		30 mL	30 mL				
LCS 460-133766/12		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-46192-E-4-G	WG-17338-101812- MW27-MM-262	7470A, 7470A	D	30 mL	30 mL				
460-46192-E-4-H DU	WG-17338-101812- MW27-MM-262	7470A, 7470A	D	30 mL	30 mL				
460-46192-E-4-I MS	WG-17338-101812- MW27-MM-262	7470A, 7470A	D	30 mL	30 mL	0.3 mL			
460-46192-E-1-C	WG-17338-101812- MW29-MM-250	7470A, 7470A	D	30 mL	30 mL				
460-46192-E-2-C	WG-17338-101812- MW28-MM-260	7470A, 7470A	D	30 mL	30 mL				
460-46192-E-3-C	WG-17338-101812- MW35-MM-261	7470A, 7470A	D	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01516
Sulfuric Acid Lot Number	L09049
Lot # of hydrochloric acid	HgR01513
Lot # of Nitric Acid	L12065
Hood ID or number	#2
Hot Block ID number	#9
Potassium Persulfate Lot Number	HgR01517
Potassium Permanganate Lot Number	HgR01515
NaCL Lot #	HgR01516
Oven, Bath or Block Temperature 1	96 uncorr 95 corr Celsius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01514
ID number of the thermometer	Prep-1 (CF -1)

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-46192-1

SDG No.: _____

Batch Number: 133766 Batch Start Date: 10/26/12 17:17 Batch Analyst: Staib, Thomas

Batch Method: 7470A Batch End Date: 10/26/12 19:17

Basis	Basis Description
D	Dissolved

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

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[illegible]

Job No. 6192

Other

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10.24.17 10.24.17

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-46192-1

Login Number: 46192

List Source: TestAmerica Edison

List Number: 1

Creator: Meyers, Gary

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
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	4.0 ° C IR#4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.