TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-44767-1

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

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi



Approved for release.
Janet Mosley
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10/22/2012 4:32 PM

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10/22/2012

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

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

Report Number: 460-44767-1

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 09/19/2012 11:46 AM; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 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.

TOTAL METALS
Samples 460-44767-1 through 460-44767-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 09/20/2012 and analyzed on 09/20/2012 and 09/21/2012.

Calcium failed the recovery criteria low for the MS of sample 460-44823-1 in batch . Aluminum and Iron failed the recovery criteria high. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples 460-44767-1 through 460-44767-4(4X), 460-44767-5(10X) and 460-44767-5(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples 460-44767-1 through 460-44767-5 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 09/21/2012.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 460-44767-1 through 460-44767-5 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA

SW-846 Method 8270C. The samples were prepared on 09/26/2012 and analyzed on 10/01/2012.

No difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples 460-44767-1 through 460-44767-5 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 09/19/2012.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-44767-1	SO-17338-091712-SED12-MM-200	Solid	09/17/2012 0930	09/19/2012 1146
460-44767-2	SO-17338-091712-SED11-MM-201	Solid	09/17/2012 1045	09/19/2012 1146
460-44767-3	SO-17338-091712-SED10-MM-202	Solid	09/17/2012 1115	09/19/2012 1146
460-44767-4	SO-17338-091712-SED9-MM-203	Solid	09/17/2012 1240	09/19/2012 1146
460-44767-5	SO-17338-091712-SED8-MM-204	Solid	09/17/2012 1330	09/19/2012 1146

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44767-1	**SO-17338-091712-SED12-MM-200**					
Phenanthrene		530		490	ug/Kg	8270C
Anthracene		67	J	490	ug/Kg	8270C
Carbazole		83	J	490	ug/Kg	8270C
Fluoranthene		1100		490	ug/Kg	8270C
Pyrene		1000		490	ug/Kg	8270C
Butyl benzyl phthalate		160	J	490	ug/Kg	8270C
Benzo[a]anthracene		480		49	ug/Kg	8270C
Chrysene		640		490	ug/Kg	8270C
Benzo[b]fluoranthene		770		49	ug/Kg	8270C
Benzo[k]fluoranthene		290		49	ug/Kg	8270C
Benzo[a]pyrene		480		49	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		400		49	ug/Kg	8270C
Dibenz(a,h)anthracene		59		49	ug/Kg	8270C
Benzo[g,h,i]perylene		370	J	490	ug/Kg	8270C
Aluminum		2150		53.1	mg/Kg	6010B
Barium		20.4	J	53.1	mg/Kg	6010B
Calcium		642	J	1330	mg/Kg	6010B
Chromium		10.5		2.7	mg/Kg	6010B
Cobalt		2.2	J	13.3	mg/Kg	6010B
Copper		6.7		6.6	mg/Kg	6010B
Iron		5240		39.8	mg/Kg	6010B
Lead		9.9		1.3	mg/Kg	6010B
Magnesium		699	J	1330	mg/Kg	6010B
Manganese		78.3		4.0	mg/Kg	6010B
Nickel		4.9	J	10.6	mg/Kg	6010B
Potassium		331	J	1330	mg/Kg	6010B
Vanadium		12.3	J	13.3	mg/Kg	6010B
Zinc		72.8		8.0	mg/Kg	6010B
Percent Moisture		32.7		1.0	%	Moisture
Percent Solids		67.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44767-2	**SO-17338-091712-SED11-MM-201**					
Phenanthrene		82	J	470	ug/Kg	8270C
Fluoranthene		140	J	470	ug/Kg	8270C
Pyrene		130	J	470	ug/Kg	8270C
Benzo[a]anthracene		60		47	ug/Kg	8270C
Chrysene		70	J	470	ug/Kg	8270C
Benzo[b]fluoranthene		71		47	ug/Kg	8270C
Benzo[k]fluoranthene		25	J	47	ug/Kg	8270C
Benzo[a]pyrene		42	J	47	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		23	J	47	ug/Kg	8270C
Aluminum		2830		50.0	mg/Kg	6010B
Barium		24.6	J	50.0	mg/Kg	6010B
Calcium		350	J	1250	mg/Kg	6010B
Chromium		10.2		2.5	mg/Kg	6010B
Cobalt		1.7	J	12.5	mg/Kg	6010B
Copper		7.1		6.2	mg/Kg	6010B
Iron		4160		37.5	mg/Kg	6010B
Lead		5.4		1.2	mg/Kg	6010B
Magnesium		739	J	1250	mg/Kg	6010B
Manganese		51.5		3.7	mg/Kg	6010B
Nickel		5.9	J	10	mg/Kg	6010B
Potassium		388	J	1250	mg/Kg	6010B
Vanadium		8.9	J	12.5	mg/Kg	6010B
Zinc		17.1		7.5	mg/Kg	6010B
Percent Moisture		29.8		1.0	%	Moisture
Percent Solids		70.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44767-3	**SO-17338-091712-SED10-MM-202**					
Phenanthrene		420		410	ug/Kg	8270C
Anthracene		92	J	410	ug/Kg	8270C
Carbazole		58	J	410	ug/Kg	8270C
Fluoranthene		600		410	ug/Kg	8270C
Pyrene		590		410	ug/Kg	8270C
Benzo[a]anthracene		300		41	ug/Kg	8270C
Chrysene		320	J	410	ug/Kg	8270C
Benzo[b]fluoranthene		280		41	ug/Kg	8270C
Benzo[k]fluoranthene		120		41	ug/Kg	8270C
Benzo[a]pyrene		250		41	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		120		41	ug/Kg	8270C
Dibenz(a,h)anthracene		27	J	41	ug/Kg	8270C
Benzo[g,h,i]perylene		100	J	410	ug/Kg	8270C
Aluminum		1720		43.3	mg/Kg	6010B
Barium		100		43.3	mg/Kg	6010B
Calcium		587	J	1080	mg/Kg	6010B
Chromium		6.4		2.2	mg/Kg	6010B
Cobalt		2.5	J	10.8	mg/Kg	6010B
Copper		5.1	J	5.4	mg/Kg	6010B
Iron		3180		32.4	mg/Kg	6010B
Lead		4.5		1.1	mg/Kg	6010B
Magnesium		662	J	1080	mg/Kg	6010B
Manganese		566		3.2	mg/Kg	6010B
Nickel		3.6	J	8.7	mg/Kg	6010B
Potassium		253	J	1080	mg/Kg	6010B
Vanadium		6.1	J	10.8	mg/Kg	6010B
Zinc		12.7		6.5	mg/Kg	6010B
Percent Moisture		19.6		1.0	%	Moisture
Percent Solids		80.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44767-4	**SO-17338-091712-SED9-MM-203**					
Fluoranthene		110	J	390	ug/Kg	8270C
Pyrene		99	J	390	ug/Kg	8270C
Benzo[a]anthracene		46		39	ug/Kg	8270C
Chrysene		62	J	390	ug/Kg	8270C
Benzo[b]fluoranthene		72		39	ug/Kg	8270C
Benzo[a]pyrene		42		39	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		32	J	39	ug/Kg	8270C
Benzo[g,h,i]perylene		32	J	390	ug/Kg	8270C
Aluminum		1300		46.5	mg/Kg	6010B
Barium		10.4	J	46.5	mg/Kg	6010B
Calcium		583	J	1160	mg/Kg	6010B
Chromium		5.8		2.3	mg/Kg	6010B
Copper		3.3	J	5.8	mg/Kg	6010B
Iron		2370		34.9	mg/Kg	6010B
Lead		2.2		1.2	mg/Kg	6010B
Magnesium		614	J	1160	mg/Kg	6010B
Manganese		20.2		3.5	mg/Kg	6010B
Nickel		2.5	J	9.3	mg/Kg	6010B
Potassium		208	J	1160	mg/Kg	6010B
Vanadium		4.6	J	11.6	mg/Kg	6010B
Zinc		11.1		7.0	mg/Kg	6010B
Percent Moisture		15.7		1.0	%	Moisture
Percent Solids		84.3		1.0	%	Moisture
460-44767-5	**SO-17338-091712-SED8-MM-204**					
Aluminum		9830		45.0	mg/Kg	6010B
Arsenic		2.4		1.1	mg/Kg	6010B
Barium		46.1		45.0	mg/Kg	6010B
Beryllium		0.68		0.45	mg/Kg	6010B
Calcium		719	J	1130	mg/Kg	6010B
Chromium		20.4		2.3	mg/Kg	6010B
Cobalt		6.5	J	11.3	mg/Kg	6010B
Copper		19.1		5.6	mg/Kg	6010B
Iron		48400		84.4	mg/Kg	6010B
Lead		11.8		1.1	mg/Kg	6010B
Magnesium		1090	J	1130	mg/Kg	6010B
Manganese		58.9		3.4	mg/Kg	6010B
Nickel		17.1		9.0	mg/Kg	6010B
Potassium		1040	J	1130	mg/Kg	6010B
Vanadium		26.2		11.3	mg/Kg	6010B
Zinc		48.9		6.8	mg/Kg	6010B
Percent Moisture		20.7		1.0	%	Moisture
Percent Solids		79.3		1.0	%	Moisture

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

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: 460-44767-1

Method	Analyst	Analyst ID
SW846 8270C	Zhao, Chunxin	CZ
SW846 6010B	Chang, Churn Der	CDC
SW846 7471A	Sheikh, Razia B	RBS
EPA Moisture	Armbruster, Chris	CHA

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED12-MM-200**

Lab Sample ID: 460-44767-1 Date Sampled: 09/17/2012 0930
Client Matrix: Solid % Moisture: 32.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12982.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	10/01/2012 0510			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		58	U	58	490
Phenol		66	U	66	490
Bis(2-chloroethyl)ether		6.7	U	6.7	49
2-Chlorophenol		64	U	64	490
2-Methylphenol		84	U	84	490
2,2'-oxybis[1-chloropropane]		54	U	54	490
Acetophenone		75	U	75	490
4-Methylphenol		97	U	97	490
N-Nitrosodi-n-propylamine		8.2	U	8.2	49
Hexachloroethane		5.5	U	5.5	49
Nitrobenzene		7.0	U	7.0	49
Isophorone		59	U	59	490
2-Nitrophenol		55	U	55	490
2,4-Dimethylphenol		120	U	120	490
Bis(2-chloroethoxy)methane		63	U	63	490
2,4-Dichlorophenol		72	U	72	490
Naphthalene		57	U	57	490
4-Chloroaniline		130	U	130	490
Hexachlorobutadiene		12	U	12	99
Caprolactam		110	U	110	490
4-Chloro-3-methylphenol		74	U	74	490
2-Methylnaphthalene		63	U	63	490
Hexachlorocyclopentadiene		58	U	58	490
2,4,6-Trichlorophenol		57	U	57	490
2,4,5-Trichlorophenol		63	U	63	490
1,1'-Biphenyl		66	U	66	490
2-Chloronaphthalene		55	U	55	490
2-Nitroaniline		200	U	200	990
Dimethyl phthalate		58	U	58	490
2,6-Dinitrotoluene		15	U	15	99
Acenaphthylene		58	U	58	490
3-Nitroaniline		170	U	170	990
Acenaphthene		71	U	71	490
2,4-Dinitrophenol		280	U	280	1500
4-Nitrophenol		320	U	320	1500
Dibenzofuran		58	U	58	490
2,4-Dinitrotoluene		16	U	16	99
Diethyl phthalate		58	U	58	490
Fluorene		63	U	63	490
4-Chlorophenyl phenyl ether		58	U	58	490
4-Nitroaniline		150	U	150	990
4,6-Dinitro-2-methylphenol		130	U	130	1500
N-Nitrosodiphenylamine		48	U	48	490
4-Bromophenyl phenyl ether		49	U	49	490
Hexachlorobenzene		6.7	U	6.7	49
Atrazine		76	U	76	490

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED12-MM-200**

Lab Sample ID: 460-44767-1 Date Sampled: 09/17/2012 0930
Client Matrix: Solid % Moisture: 32.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12982.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	10/01/2012 0510			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		150	U	150	1500
Phenanthrene		530		62	490
Anthracene		67	J	60	490
Carbazole		83	J	58	490
Di-n-butyl phthalate		60	U	60	490
Fluoranthene		1100		65	490
Pyrene		1000		41	490
Butyl benzyl phthalate		160	J	45	490
3,3'-Dichlorobenzidine		170	U	170	990
Benzo[a]anthracene		480		3.4	49
Chrysene		640		57	490
Bis(2-ethylhexyl) phthalate		160	U	160	490
Di-n-octyl phthalate		31	U	31	490
Benzo[b]fluoranthene		770		3.1	49
Benzo[k]fluoranthene		290		3.7	49
Benzo[a]pyrene		480		3.5	49
Indeno[1,2,3-cd]pyrene		400		9.1	49
Dibenz(a,h)anthracene		59		6.2	49
Benzo[g,h,i]perylene		370	J	36	490

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	61		10 - 120
2-Fluorobiphenyl	81		40 - 109
2-Fluorophenol (Surr)	74		37 - 125
Nitrobenzene-d5 (Surr)	78		38 - 105
Phenol-d5 (Surr)	82		41 - 118
Terphenyl-d14 (Surr)	87		16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED12-MM-200**

Lab Sample ID: 460-44767-1 Date Sampled: 09/17/2012 0930
Client Matrix: Solid % Moisture: 32.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12982.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	10/01/2012 0510			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

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

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

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED11-MM-201**

Lab Sample ID: 460-44767-2 Date Sampled: 09/17/2012 1045
Client Matrix: Solid % Moisture: 29.8 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12979.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0359			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		55	U	55	470
Phenol		63	U	63	470
Bis(2-chloroethyl)ether		6.4	U	6.4	47
2-Chlorophenol		62	U	62	470
2-Methylphenol		80	U	80	470
2,2'-oxybis[1-chloropropane]		52	U	52	470
Acetophenone		72	U	72	470
4-Methylphenol		93	U	93	470
N-Nitrosodi-n-propylamine		7.9	U	7.9	47
Hexachloroethane		5.2	U	5.2	47
Nitrobenzene		6.7	U	6.7	47
Isophorone		57	U	57	470
2-Nitrophenol		53	U	53	470
2,4-Dimethylphenol		120	U	120	470
Bis(2-chloroethoxy)methane		61	U	61	470
2,4-Dichlorophenol		69	U	69	470
Naphthalene		55	U	55	470
4-Chloroaniline		120	U	120	470
Hexachlorobutadiene		11	U	11	95
Caprolactam		110	U	110	470
4-Chloro-3-methylphenol		71	U	71	470
2-Methylnaphthalene		61	U	61	470
Hexachlorocyclopentadiene		55	U	55	470
2,4,6-Trichlorophenol		55	U	55	470
2,4,5-Trichlorophenol		61	U	61	470
1,1'-Biphenyl		63	U	63	470
2-Chloronaphthalene		53	U	53	470
2-Nitroaniline		200	U	200	950
Dimethyl phthalate		56	U	56	470
2,6-Dinitrotoluene		14	U	14	95
Acenaphthylene		56	U	56	470
3-Nitroaniline		170	U	170	950
Acenaphthene		69	U	69	470
2,4-Dinitrophenol		270	U	270	1400
4-Nitrophenol		300	U	300	1400
Dibenzofuran		55	U	55	470
2,4-Dinitrotoluene		16	U	16	95
Diethyl phthalate		56	U	56	470
Fluorene		60	U	60	470
4-Chlorophenyl phenyl ether		55	U	55	470
4-Nitroaniline		150	U	150	950
4,6-Dinitro-2-methylphenol		130	U	130	1400
N-Nitrosodiphenylamine		46	U	46	470
4-Bromophenyl phenyl ether		47	U	47	470
Hexachlorobenzene		6.4	U	6.4	47
Atrazine		73	U	73	470

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED11-MM-201**

Lab Sample ID: 460-44767-2 Date Sampled: 09/17/2012 1045
Client Matrix: Solid % Moisture: 29.8 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12979.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0359			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		140	U	140	1400
Phenanthrene		82	J	60	470
Anthracene		57	U	57	470
Carbazole		56	U	56	470
Di-n-butyl phthalate		58	U	58	470
Fluoranthene		140	J	63	470
Pyrene		130	J	39	470
Butyl benzyl phthalate		43	U	43	470
3,3'-Dichlorobenzidine		170	U	170	950
Benzo[a]anthracene		60		3.3	47
Chrysene		70	J	55	470
Bis(2-ethylhexyl) phthalate		160	U	160	470
Di-n-octyl phthalate		30	U	30	470
Benzo[b]fluoranthene		71		3.0	47
Benzo[k]fluoranthene		25	J	3.6	47
Benzo[a]pyrene		42	J	3.3	47
Indeno[1,2,3-cd]pyrene		23	J	8.8	47
Dibenz(a,h)anthracene		5.9	U	5.9	47
Benzo[g,h,i]perylene		35	U	35	470

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		10 - 120
2-Fluorobiphenyl	86		40 - 109
2-Fluorophenol (Surr)	83		37 - 125
Nitrobenzene-d5 (Surr)	87		38 - 105
Phenol-d5 (Surr)	93		41 - 118
Terphenyl-d14 (Surr)	102		16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED11-MM-201**

Lab Sample ID: 460-44767-2 Date Sampled: 09/17/2012 1045
Client Matrix: Solid % Moisture: 29.8 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12979.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0359			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

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

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

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED10-MM-202**

Lab Sample ID: 460-44767-3 Date Sampled: 09/17/2012 1115
Client Matrix: Solid % Moisture: 19.6 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12980.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0422			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		48	U	48	410
Phenol		55	U	55	410
Bis(2-chloroethyl)ether		5.6	U	5.6	41
2-Chlorophenol		54	U	54	410
2-Methylphenol		70	U	70	410
2,2'-oxybis[1-chloropropane]		46	U	46	410
Acetophenone		63	U	63	410
4-Methylphenol		81	U	81	410
N-Nitrosodi-n-propylamine		6.9	U	6.9	41
Hexachloroethane		4.6	U	4.6	41
Nitrobenzene		5.8	U	5.8	41
Isophorone		50	U	50	410
2-Nitrophenol		46	U	46	410
2,4-Dimethylphenol		100	U	100	410
Bis(2-chloroethoxy)methane		53	U	53	410
2,4-Dichlorophenol		60	U	60	410
Naphthalene		48	U	48	410
4-Chloroaniline		110	U	110	410
Hexachlorobutadiene		10	U	10	83
Caprolactam		95	U	95	410
4-Chloro-3-methylphenol		62	U	62	410
2-Methylnaphthalene		53	U	53	410
Hexachlorocyclopentadiene		48	U	48	410
2,4,6-Trichlorophenol		48	U	48	410
2,4,5-Trichlorophenol		53	U	53	410
1,1'-Biphenyl		55	U	55	410
2-Chloronaphthalene		46	U	46	410
2-Nitroaniline		170	U	170	830
Dimethyl phthalate		49	U	49	410
2,6-Dinitrotoluene		12	U	12	83
Acenaphthylene		49	U	49	410
3-Nitroaniline		150	U	150	830
Acenaphthene		60	U	60	410
2,4-Dinitrophenol		230	U	230	1200
4-Nitrophenol		260	U	260	1200
Dibenzofuran		48	U	48	410
2,4-Dinitrotoluene		14	U	14	83
Diethyl phthalate		49	U	49	410
Fluorene		53	U	53	410
4-Chlorophenyl phenyl ether		48	U	48	410
4-Nitroaniline		130	U	130	830
4,6-Dinitro-2-methylphenol		110	U	110	1200
N-Nitrosodiphenylamine		41	U	41	410
4-Bromophenyl phenyl ether		41	U	41	410
Hexachlorobenzene		5.6	U	5.6	41
Atrazine		64	U	64	410

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED10-MM-202**

Lab Sample ID: 460-44767-3 Date Sampled: 09/17/2012 1115
Client Matrix: Solid % Moisture: 19.6 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12980.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0422			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		120	U	120	1200
Phenanthrene		420		52	410
Anthracene		92	J	50	410
Carbazole		58	J	49	410
Di-n-butyl phthalate		51	U	51	410
Fluoranthene		600		55	410
Pyrene		590		34	410
Butyl benzyl phthalate		38	U	38	410
3,3'-Dichlorobenzidine		140	U	140	830
Benzo[a]anthracene		300		2.9	41
Chrysene		320	J	48	410
Bis(2-ethylhexyl) phthalate		140	U	140	410
Di-n-octyl phthalate		26	U	26	410
Benzo[b]fluoranthene		280		2.6	41
Benzo[k]fluoranthene		120		3.1	41
Benzo[a]pyrene		250		2.9	41
Indeno[1,2,3-cd]pyrene		120		7.6	41
Dibenz(a,h)anthracene		27	J	5.2	41
Benzo[g,h,i]perylene		100	J	30	410

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	80		10 - 120
2-Fluorobiphenyl	87		40 - 109
2-Fluorophenol (Surr)	82		37 - 125
Nitrobenzene-d5 (Surr)	88		38 - 105
Phenol-d5 (Surr)	91		41 - 118
Terphenyl-d14 (Surr)	99		16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED10-MM-202**

Lab Sample ID: 460-44767-3 Date Sampled: 09/17/2012 1115
Client Matrix: Solid % Moisture: 19.6 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12980.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0422			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

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

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

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED9-MM-203**

Lab Sample ID: 460-44767-4 Date Sampled: 09/17/2012 1240
Client Matrix: Solid % Moisture: 15.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12981.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/01/2012 0446			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		46	U	46	390
Phenol		53	U	53	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2-Chlorophenol		51	U	51	390
2-Methylphenol		67	U	67	390
2,2'-oxybis[1-chloropropane]		43	U	43	390
Acetophenone		60	U	60	390
4-Methylphenol		77	U	77	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Hexachloroethane		4.4	U	4.4	39
Nitrobenzene		5.6	U	5.6	39
Isophorone		47	U	47	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		97	U	97	390
Bis(2-chloroethoxy)methane		51	U	51	390
2,4-Dichlorophenol		57	U	57	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.5	U	9.5	79
Caprolactam		90	U	90	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		50	U	50	390
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
1,1'-Biphenyl		52	U	52	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	790
Dimethyl phthalate		46	U	46	390
2,6-Dinitrotoluene		12	U	12	79
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	790
Acenaphthene		57	U	57	390
2,4-Dinitrophenol		220	U	220	1200
4-Nitrophenol		250	U	250	1200
Dibenzofuran		46	U	46	390
2,4-Dinitrotoluene		13	U	13	79
Diethyl phthalate		47	U	47	390
Fluorene		50	U	50	390
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
4,6-Dinitro-2-methylphenol		110	U	110	1200
N-Nitrosodiphenylamine		39	U	39	390
4-Bromophenyl phenyl ether		39	U	39	390
Hexachlorobenzene		5.3	U	5.3	39
Atrazine		60	U	60	390

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED9-MM-203**

Lab Sample ID: 460-44767-4 Date Sampled: 09/17/2012 1240
Client Matrix: Solid % Moisture: 15.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12981.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/01/2012 0446			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		120	U	120	1200
Phenanthrene		50	U	50	390
Anthracene		48	U	48	390
Carbazole		46	U	46	390
Di-n-butyl phthalate		48	U	48	390
Fluoranthene		110	J	52	390
Pyrene		99	J	33	390
Butyl benzyl phthalate		36	U	36	390
3,3'-Dichlorobenzidine		140	U	140	790
Benzo[a]anthracene		46		2.7	39
Chrysene		62	J	46	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Benzo[b]fluoranthene		72		2.5	39
Benzo[k]fluoranthene		3.0	U	3.0	39
Benzo[a]pyrene		42		2.8	39
Indeno[1,2,3-cd]pyrene		32	J	7.3	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
Benzo[g,h,i]perylene		32	J	29	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	76		10 - 120
2-Fluorobiphenyl	85		40 - 109
2-Fluorophenol (Surr)	79		37 - 125
Nitrobenzene-d5 (Surr)	83		38 - 105
Phenol-d5 (Surr)	89		41 - 118
Terphenyl-d14 (Surr)	95		16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED9-MM-203**

Lab Sample ID: 460-44767-4 Date Sampled: 09/17/2012 1240
Client Matrix: Solid % Moisture: 15.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12981.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/01/2012 0446			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

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

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

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED8-MM-204**

Lab Sample ID: 460-44767-5 Date Sampled: 09/17/2012 1330
Client Matrix: Solid % Moisture: 20.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12978.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	10/01/2012 0335			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		49	U	49	410
Phenol		56	U	56	410
Bis(2-chloroethyl)ether		5.7	U	5.7	41
2-Chlorophenol		55	U	55	410
2-Methylphenol		71	U	71	410
2,2'-oxybis[1-chloropropane]		46	U	46	410
Acetophenone		64	U	64	410
4-Methylphenol		82	U	82	410
N-Nitrosodi-n-propylamine		6.9	U	6.9	41
Hexachloroethane		4.6	U	4.6	41
Nitrobenzene		5.9	U	5.9	41
Isophorone		50	U	50	410
2-Nitrophenol		46	U	46	410
2,4-Dimethylphenol		100	U	100	410
Bis(2-chloroethoxy)methane		54	U	54	410
2,4-Dichlorophenol		61	U	61	410
Naphthalene		48	U	48	410
4-Chloroaniline		110	U	110	410
Hexachlorobutadiene		10	U	10	84
Caprolactam		96	U	96	410
4-Chloro-3-methylphenol		63	U	63	410
2-Methylnaphthalene		53	U	53	410
Hexachlorocyclopentadiene		49	U	49	410
2,4,6-Trichlorophenol		49	U	49	410
2,4,5-Trichlorophenol		54	U	54	410
1,1'-Biphenyl		56	U	56	410
2-Chloronaphthalene		46	U	46	410
2-Nitroaniline		170	U	170	840
Dimethyl phthalate		49	U	49	410
2,6-Dinitrotoluene		13	U	13	84
Acenaphthylene		49	U	49	410
3-Nitroaniline		150	U	150	840
Acenaphthene		61	U	61	410
2,4-Dinitrophenol		240	U	240	1300
4-Nitrophenol		270	U	270	1300
Dibenzofuran		49	U	49	410
2,4-Dinitrotoluene		14	U	14	84
Diethyl phthalate		50	U	50	410
Fluorene		53	U	53	410
4-Chlorophenyl phenyl ether		49	U	49	410
4-Nitroaniline		130	U	130	840
4,6-Dinitro-2-methylphenol		110	U	110	1300
N-Nitrosodiphenylamine		41	U	41	410
4-Bromophenyl phenyl ether		41	U	41	410
Hexachlorobenzene		5.7	U	5.7	41
Atrazine		64	U	64	410

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED8-MM-204**

Lab Sample ID: 460-44767-5 Date Sampled: 09/17/2012 1330
Client Matrix: Solid % Moisture: 20.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12978.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	10/01/2012 0335			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		120	U	120	1300
Phenanthrene		53	U	53	410
Anthracene		51	U	51	410
Carbazole		49	U	49	410
Di-n-butyl phthalate		51	U	51	410
Fluoranthene		55	U	55	410
Pyrene		35	U	35	410
Butyl benzyl phthalate		38	U	38	410
3,3'-Dichlorobenzidine		150	U	150	840
Benzo[a]anthracene		2.9	U	2.9	41
Chrysene		49	U	49	410
Bis(2-ethylhexyl) phthalate		140	U	140	410
Di-n-octyl phthalate		27	U	27	410
Benzo[b]fluoranthene		2.6	U	2.6	41
Benzo[k]fluoranthene		3.2	U	3.2	41
Benzo[a]pyrene		2.9	U	2.9	41
Indeno[1,2,3-cd]pyrene		7.7	U	7.7	41
Dibenz(a,h)anthracene		5.2	U	5.2	41
Benzo[g,h,i]perylene		31	U	31	410

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	80		10 - 120
2-Fluorobiphenyl	82		40 - 109
2-Fluorophenol (Surr)	79		37 - 125
Nitrobenzene-d5 (Surr)	80		38 - 105
Phenol-d5 (Surr)	88		41 - 118
Terphenyl-d14 (Surr)	94		16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED8-MM-204**

Lab Sample ID: 460-44767-5 Date Sampled: 09/17/2012 1330
Client Matrix: Solid % Moisture: 20.7 Date Received: 09/19/2012 1146

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-129345	Lab File ID:	z12978.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	10/01/2012 0335			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	

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

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

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED12-MM-200**

Lab Sample ID: 460-44767-1 Date Sampled: 09/17/2012 0930
Client Matrix: Solid % Moisture: 32.7 Date Received: 09/19/2012 1146

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-128758	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	09/20/2012 1949			Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		2150		24.1	53.1
Antimony		1.6	U	1.6	2.7
Arsenic		1.2	U	1.2	1.3
Barium		20.4	J	1.5	53.1
Beryllium		0.19	U	0.19	0.53
Cadmium		0.20	U	0.20	1.3
Calcium		642	J	93.9	1330
Chromium		10.5		1.1	2.7
Cobalt		2.2	J	1.1	13.3
Copper		6.7		2.6	6.6
Iron		5240		16.0	39.8
Lead		9.9		1.1	1.3
Magnesium		699	J	95.5	1330
Manganese		78.3		1.2	4.0
Nickel		4.9	J	1.2	10.6
Potassium		331	J	142	1330
Selenium		1.8	U	1.8	2.7
Silver		0.27	U	0.27	2.7
Sodium		210	U	210	1330
Thallium		1.5	U	1.5	2.7
Vanadium		12.3	J	1.0	13.3
Zinc		72.8		1.4	8.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	09/21/2012 1557			Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.032	U	0.032	0.048

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED11-MM-201**

Lab Sample ID: 460-44767-2 Date Sampled: 09/17/2012 1045
Client Matrix: Solid % Moisture: 29.8 Date Received: 09/19/2012 1146

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-128758	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.14 g
Analysis Date:	09/20/2012 1953			Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		2830		22.7	50.0
Antimony		1.5	U	1.5	2.5
Arsenic		1.2	U	1.2	1.2
Barium		24.6	J	1.4	50.0
Beryllium		0.18	U	0.18	0.50
Cadmium		0.18	U	0.18	1.2
Calcium		350	J	88.4	1250
Chromium		10.2		1.1	2.5
Cobalt		1.7	J	1.1	12.5
Copper		7.1		2.4	6.2
Iron		4160		15.1	37.5
Lead		5.4		1.1	1.2
Magnesium		739	J	89.9	1250
Manganese		51.5		1.1	3.7
Nickel		5.9	J	1.1	10
Potassium		388	J	134	1250
Selenium		1.6	U	1.6	2.5
Silver		0.25	U	0.25	2.5
Sodium		197	U	197	1250
Thallium		1.4	U	1.4	2.5
Vanadium		8.9	J	0.96	12.5
Zinc		17.1		1.3	7.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/21/2012 1558			Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.030	U	0.030	0.045

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED10-MM-202**

Lab Sample ID: 460-44767-3 Date Sampled: 09/17/2012 1115
Client Matrix: Solid % Moisture: 19.6 Date Received: 09/19/2012 1146

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-128758	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.15 g
Analysis Date:	09/20/2012 1957			Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1720		19.7	43.3
Antimony		1.3	U	1.3	2.2
Arsenic		1.0	U	1.0	1.1
Barium		100		1.2	43.3
Beryllium		0.16	U	0.16	0.43
Cadmium		0.16	U	0.16	1.1
Calcium		587	J	76.6	1080
Chromium		6.4		0.93	2.2
Cobalt		2.5	J	0.92	10.8
Copper		5.1	J	2.1	5.4
Iron		3180		13.1	32.4
Lead		4.5		0.93	1.1
Magnesium		662	J	77.9	1080
Manganese		566		0.95	3.2
Nickel		3.6	J	0.95	8.7
Potassium		253	J	116	1080
Selenium		1.4	U	1.4	2.2
Silver		0.22	U	0.22	2.2
Sodium		171	U	171	1080
Thallium		1.2	U	1.2	2.2
Vanadium		6.1	J	0.83	10.8
Zinc		12.7		1.2	6.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/21/2012 1601			Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.026	U	0.026	0.040

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED9-MM-203**

Lab Sample ID: 460-44767-4 Date Sampled: 09/17/2012 1240
Client Matrix: Solid % Moisture: 15.7 Date Received: 09/19/2012 1146

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-128758	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	09/20/2012 2001			Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		1300		21.2	46.5
Antimony		1.4	U	1.4	2.3
Arsenic		1.1	U	1.1	1.2
Barium		10.4	J	1.3	46.5
Beryllium		0.17	U	0.17	0.47
Cadmium		0.17	U	0.17	1.2
Calcium		583	J	82.4	1160
Chromium		5.8		1.0	2.3
Cobalt		0.99	U	0.99	11.6
Copper		3.3	J	2.3	5.8
Iron		2370		14.1	34.9
Lead		2.2		1.0	1.2
Magnesium		614	J	83.8	1160
Manganese		20.2		1.0	3.5
Nickel		2.5	J	1.0	9.3
Potassium		208	J	124	1160
Selenium		1.5	U	1.5	2.3
Silver		0.23	U	0.23	2.3
Sodium		184	U	184	1160
Thallium		1.3	U	1.3	2.3
Vanadium		4.6	J	0.89	11.6
Zinc		11.1		1.3	7.0

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	09/21/2012 1603			Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.026	U	0.026	0.039

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Client Sample ID: **SO-17338-091712-SED8-MM-204**

Lab Sample ID: 460-44767-5 Date Sampled: 09/17/2012 1330
Client Matrix: Solid % Moisture: 20.7 Date Received: 09/19/2012 1146

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-128758	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	09/20/2012 2006			Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		9830		20.5	45.0
Antimony		1.4	U	1.4	2.3
Arsenic		2.4		1.1	1.1
Barium		46.1		1.3	45.0
Beryllium		0.68		0.16	0.45
Cadmium		0.17	U	0.17	1.1
Calcium		719	J	79.7	1130
Chromium		20.4		0.97	2.3
Cobalt		6.5	J	0.96	11.3
Copper		19.1		2.2	5.6
Lead		11.8		0.97	1.1
Magnesium		1090	J	81.1	1130
Manganese		58.9		0.99	3.4
Nickel		17.1		0.99	9.0
Potassium		1040	J	120	1130
Selenium		1.5	U	1.5	2.3
Silver		0.23	U	0.23	2.3
Sodium		178	U	178	1130
Thallium		1.3	U	1.3	2.3
Vanadium		26.2		0.86	11.3
Zinc		48.9		1.2	6.8

Analysis Method:	6010B	Analysis Batch:	460-128898	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-128543	Lab File ID:	09212012A.asc
Dilution:	10			Initial Weight/Volume:	1.12 g
Analysis Date:	09/21/2012 2351			Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Iron		48400		34.1	84.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/21/2012 1609			Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.027	U	0.027	0.040

General Chemistry

Client Sample ID: **SO-17338-091712-SED12-MM-200**

Lab Sample ID: 460-44767-1 Date Sampled: 09/17/2012 0930

Client Matrix: Solid Date Received: 09/19/2012 1146

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	32.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N
Percent Solids	67.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N

General Chemistry

Client Sample ID: **SO-17338-091712-SED11-MM-201**

Lab Sample ID: 460-44767-2 Date Sampled: 09/17/2012 1045

Client Matrix: Solid Date Received: 09/19/2012 1146

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	29.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N
Percent Solids	70.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N

General Chemistry

Client Sample ID: **SO-17338-091712-SED10-MM-202**

Lab Sample ID: 460-44767-3 Date Sampled: 09/17/2012 1115

Client Matrix: Solid Date Received: 09/19/2012 1146

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N
Percent Solids	80.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N

General Chemistry

Client Sample ID: **SO-17338-091712-SED9-MM-203**

Lab Sample ID: 460-44767-4 Date Sampled: 09/17/2012 1240

Client Matrix: Solid Date Received: 09/19/2012 1146

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605					DryWt Corrected: N
Percent Solids	84.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605					DryWt Corrected: N

General Chemistry

Client Sample ID: **SO-17338-091712-SED8-MM-204**

Lab Sample ID: 460-44767-5 Date Sampled: 09/17/2012 1330

Client Matrix: Solid Date Received: 09/19/2012 1146

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N
Percent Solids	79.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-128476	Analysis Date: 09/19/2012 1605						DryWt Corrected: N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-44767-1	SO-17338-091712-SE D12-MM-200	74	82	78	81	61	87
460-44767-2	SO-17338-091712-SE D11-MM-201	83	93	87	86	83	102
460-44767-3	SO-17338-091712-SE D10-MM-202	82	91	88	87	80	99
460-44767-4	SO-17338-091712-SE D9-MM-203	79	89	83	85	76	95
460-44767-5	SO-17338-091712-SE D8-MM-204	79	88	80	82	80	94
MB 460-129345/1-A		84	94	87	83	83	91
LCS 460-129345/2-A		70	74	73	71	73	75
460-44767-1 MS	SO-17338-091712-SE D12-MM-200 MS	73	78	77	79	71	77
460-44767-1 MSD	SO-17338-091712-SE D12-MM-200 MSD	72	77	76	78	69	77

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Method Blank - Batch: 460-129345 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-129345/1-A	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12974.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0200	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzaldehyde	39	U	39	330
Phenol	44	U	44	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
2,2'-oxybis[1-chloropropane]	37	U	37	330
Acetophenone	51	U	51	330
4-Methylphenol	65	U	65	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Hexachloroethane	3.7	U	3.7	33
Nitrobenzene	4.7	U	4.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
Bis(2-chloroethoxy)methane	43	U	43	330
2,4-Dichlorophenol	48	U	48	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
1,1'-Biphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
Dimethyl phthalate	39	U	39	330
2,6-Dinitrotoluene	10	U	10	67
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
2,4-Dinitrophenol	190	U	190	1000
4-Nitrophenol	210	U	210	1000
Dibenzofuran	39	U	39	330
2,4-Dinitrotoluene	11	U	11	67
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000
N-Nitrosodiphenylamine	33	U	33	330
4-Bromophenyl phenyl ether	33	U	33	330
Hexachlorobenzene	4.5	U	4.5	33

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Method Blank - Batch: 460-129345

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-129345/1-A	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12974.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0200	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Atrazine	51	U	51	330
Pentachlorophenol	99	U	99	1000
Phenanthrene	42	U	42	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Di-n-butyl phthalate	41	U	41	330
Fluoranthene	44	U	44	330
Pyrene	28	U	28	330
Butyl benzyl phthalate	30	U	30	330
3,3'-Dichlorobenzidine	120	U	120	670
Benzo[a]anthracene	2.3	U	2.3	33
Chrysene	39	U	39	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[a]pyrene	2.3	U	2.3	33
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
Benzo[g,h,i]perylene	25	U	25	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83	10 - 120
2-Fluorobiphenyl	83	40 - 109
2-Fluorophenol (Surr)	84	37 - 125
Nitrobenzene-d5 (Surr)	87	38 - 105
Phenol-d5 (Surr)	94	41 - 118
Terphenyl-d14 (Surr)	91	16 - 151

Method Blank TICs- Batch: 460-129345

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.26	3180	A J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Control Sample - Batch: 460-129345

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-129345/2-A	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12972.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0110	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	2270	68	10 - 160	
Phenol	6670	4830	72	54 - 115	
Bis(2-chloroethyl)ether	3330	2750	82	44 - 101	
2-Chlorophenol	6670	5060	76	56 - 110	
2-Methylphenol	6670	5160	77	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2410	72	45 - 102	
Acetophenone	3330	2850	85	40 - 95	
4-Methylphenol	6670	5430	81	47 - 103	
N-Nitrosodi-n-propylamine	3330	3030	91	42 - 107	
Hexachloroethane	3330	2590	78	45 - 90	
Nitrobenzene	3330	2510	75	42 - 106	
Isophorone	3330	1820	55	48 - 97	
2-Nitrophenol	6670	5070	76	55 - 101	
2,4-Dimethylphenol	6670	5040	76	56 - 112	
Bis(2-chloroethoxy)methane	3330	2660	80	51 - 100	
2,4-Dichlorophenol	6670	5120	77	58 - 115	
Naphthalene	3330	2580	77	53 - 94	
4-Chloroaniline	3330	1730	52	10 - 96	
Hexachlorobutadiene	3330	2530	76	45 - 98	
Caprolactam	3330	2050	62	10 - 127	
4-Chloro-3-methylphenol	6670	5420	81	55 - 117	
2-Methylnaphthalene	3330	2660	80	51 - 98	
Hexachlorocyclopentadiene	3330	2290	69	24 - 98	
2,4,6-Trichlorophenol	6670	5210	78	53 - 118	
2,4,5-Trichlorophenol	6670	5140	77	50 - 115	
1,1'-Biphenyl	3330	2560	77	50 - 105	
2-Chloronaphthalene	3330	2610	78	51 - 102	
2-Nitroaniline	3330	2490	75	51 - 109	
Dimethyl phthalate	3330	2770	83	52 - 112	
2,6-Dinitrotoluene	3330	2630	79	51 - 115	
Acenaphthylene	3330	2530	76	51 - 103	
3-Nitroaniline	3330	1930	58	32 - 104	
Acenaphthene	3330	2640	79	46 - 100	
2,4-Dinitrophenol	6670	5860	88	10 - 129	
4-Nitrophenol	6670	5760	86	45 - 114	
Dibenzofuran	3330	2590	78	52 - 106	
2,4-Dinitrotoluene	3330	2780	83	53 - 110	
Diethyl phthalate	3330	2700	81	52 - 114	
Fluorene	3330	2620	79	51 - 108	
4-Chlorophenyl phenyl ether	3330	2650	79	50 - 106	
4-Nitroaniline	3330	2840	85	45 - 106	
4,6-Dinitro-2-methylphenol	6670	5630	84	10 - 110	
N-Nitrosodiphenylamine	3330	2840	85	49 - 106	
4-Bromophenyl phenyl ether	3330	2730	82	44 - 102	
Hexachlorobenzene	3330	2650	80	43 - 104	
Atrazine	3330	1240	37	30 - 100	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Control Sample - Batch: 460-129345

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-129345/2-A	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12972.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/01/2012 0110	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	5400	81	19 - 113	
Phenanthrene	3330	2640	79	48 - 108	
Anthracene	3330	2580	77	50 - 107	
Carbazole	3330	2690	81	49 - 104	
Di-n-butyl phthalate	3330	2730	82	50 - 108	
Fluoranthene	3330	2680	80	49 - 108	
Pyrene	3330	2600	78	49 - 116	
Butyl benzyl phthalate	3330	2660	80	49 - 117	
3,3'-Dichlorobenzidine	3330	2480	74	24 - 105	
Benzo[a]anthracene	3330	2650	80	46 - 112	
Chrysene	3330	2640	79	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2690	81	49 - 119	
Di-n-octyl phthalate	3330	2540	76	40 - 106	
Benzo[b]fluoranthene	3330	2660	80	33 - 96	
Benzo[k]fluoranthene	3330	2260	68	35 - 115	
Benzo[a]pyrene	3330	2540	76	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	2630	79	43 - 109	
Dibenz(a,h)anthracene	3330	2560	77	43 - 107	
Benzo[g,h,i]perylene	3330	2580	78	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	73	10 - 120
2-Fluorobiphenyl	71	40 - 109
2-Fluorophenol (Surr)	70	37 - 125
Nitrobenzene-d5 (Surr)	73	38 - 105
Phenol-d5 (Surr)	74	41 - 118
Terphenyl-d14 (Surr)	75	16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-129345

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44767-1	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12983.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	10/01/2012 0534			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

MSD Lab Sample ID:	460-44767-1	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12984.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	10/01/2012 0558			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	77	75	10 - 160	3	30		
Phenol	78	76	54 - 115	2	30		
Bis(2-chloroethyl)ether	87	88	44 - 101	1	30		
2-Chlorophenol	79	79	56 - 110	0	30		
2-Methylphenol	82	81	54 - 117	1	30		
2,2'-oxybis[1-chloropropane]	79	77	45 - 102	2	30		
Acetophenone	84	84	40 - 95	0	30		
4-Methylphenol	85	85	47 - 103	0	30		
N-Nitrosodi-n-propylamine	85	80	42 - 107	6	30		
Hexachloroethane	79	79	45 - 90	1	30		
Nitrobenzene	81	80	42 - 106	2	30		
Isophorone	61	75	48 - 97	21	30		
2-Nitrophenol	80	79	55 - 101	1	30		
2,4-Dimethylphenol	81	79	56 - 112	2	30		
Bis(2-chloroethoxy)methane	86	85	51 - 100	1	30		
2,4-Dichlorophenol	79	78	58 - 115	1	30		
Naphthalene	83	81	53 - 94	1	30		
4-Chloroaniline	60	60	10 - 96	0	30		
Hexachlorobutadiene	79	78	45 - 98	1	30		
Caprolactam	88	88	10 - 127	1	30		
4-Chloro-3-methylphenol	82	82	55 - 117	0	30		
2-Methylnaphthalene	84	82	51 - 98	2	30		
Hexachlorocyclopentadiene	53	49	24 - 98	6	30		
2,4,6-Trichlorophenol	84	83	53 - 118	1	30		
2,4,5-Trichlorophenol	80	84	50 - 115	5	30		
1,1'-Biphenyl	86	85	50 - 105	1	30		
2-Chloronaphthalene	85	83	51 - 102	2	30		
2-Nitroaniline	88	82	51 - 109	7	30		
Dimethyl phthalate	93	93	52 - 112	1	30		
2,6-Dinitrotoluene	89	88	51 - 115	1	30		
Acenaphthylene	82	81	51 - 103	2	30		
3-Nitroaniline	72	73	32 - 104	1	30		
Acenaphthene	87	84	46 - 100	3	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-129345

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44767-1	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12983.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	10/01/2012 0534			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

MSD Lab Sample ID:	460-44767-1	Analysis Batch:	460-130002	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-129345	Lab File ID:	z12984.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	10/01/2012 0558			Final Weight/Volume:	1 mL
Prep Date:	09/26/2012 0336			Injection Volume:	
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrophenol	80	81	10 - 129	1	30		
4-Nitrophenol	84	79	45 - 114	7	30		
Dibenzofuran	84	83	52 - 106	1	30		
2,4-Dinitrotoluene	90	89	53 - 110	1	30		
Diethyl phthalate	90	90	52 - 114	0	30		
Fluorene	86	82	51 - 108	4	30		
4-Chlorophenyl phenyl ether	85	83	50 - 106	1	30		
4-Nitroaniline	91	87	45 - 106	3	30		
4,6-Dinitro-2-methylphenol	91	92	10 - 110	1	30		
N-Nitrosodiphenylamine	99	100	49 - 106	1	30		
4-Bromophenyl phenyl ether	92	91	44 - 102	1	30		
Hexachlorobenzene	88	86	43 - 104	1	30		
Atrazine	41	41	30 - 100	1	30		
Pentachlorophenol	82	80	19 - 113	2	30		
Phenanthrene	85	82	48 - 108	2	30		
Anthracene	83	82	50 - 107	1	30		
Carbazole	86	85	49 - 104	1	30		
Di-n-butyl phthalate	90	90	50 - 108	0	30		
Fluoranthene	76	75	49 - 108	2	30		
Pyrene	73	74	49 - 116	1	30		
Butyl benzyl phthalate	84	86	49 - 117	2	30		
3,3'-Dichlorobenzidine	90	92	24 - 105	2	30		
Benzo[a]anthracene	83	83	46 - 112	0	30		
Chrysene	79	82	45 - 114	4	30		
Bis(2-ethylhexyl) phthalate	87	87	49 - 119	1	30		
Di-n-octyl phthalate	76	74	40 - 106	2	30		
Benzo[b]fluoranthene	78	75	33 - 96	3	30		
Benzo[k]fluoranthene	70	73	35 - 115	4	30		
Benzo[a]pyrene	77	80	36 - 89	4	30		
Indeno[1,2,3-cd]pyrene	91	91	43 - 109	1	30		
Dibenz(a,h)anthracene	92	92	43 - 107	1	30		
Benzo[g,h,i]perylene	92	95	43 - 106	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	71	69	10 - 120
2-Fluorobiphenyl	79	78	40 - 109
2-Fluorophenol (Surr)	73	72	37 - 125
Nitrobenzene-d5 (Surr)	77	76	38 - 105
Phenol-d5 (Surr)	78	77	41 - 118
Terphenyl-d14 (Surr)	77	77	16 - 151

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-129345

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44767-1	Units:	ug/Kg	MSD Lab Sample ID:	460-44767-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2012 0534			Analysis Date:	10/01/2012 0558
Prep Date:	09/26/2012 0336			Prep Date:	09/26/2012 0336
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	58	U	4940	4950	3800	3690
Phenol	66	U	9870	9900	7740	7570
Bis(2-chloroethyl)ether	6.7	U	4940	4950	4280	4340
2-Chlorophenol	64	U	9870	9900	7840	7840
2-Methylphenol	84	U	9870	9900	8060	8010
2,2'-oxybis[1-chloropropane]	54	U	4940	4950	3910	3830
Acetophenone	75	U	4940	4950	4160	4150
4-Methylphenol	97	U	9870	9900	8420	8390
N-Nitrosodi-n-propylamine	8.2	U	4940	4950	4200	3940
Hexachloroethane	5.5	U	4940	4950	3880	3930
Nitrobenzene	7.0	U	4940	4950	4020	3940
Isophorone	59	U	4940	4950	3010	3730
2-Nitrophenol	55	U	9870	9900	7920	7870
2,4-Dimethylphenol	120	U	9870	9900	7970	7820
Bis(2-chloroethoxy)methane	63	U	4940	4950	4260	4220
2,4-Dichlorophenol	72	U	9870	9900	7840	7760
Naphthalene	57	U	4940	4950	4070	4020
4-Chloroaniline	130	U	4940	4950	2950	2950
Hexachlorobutadiene	12	U	4940	4950	3890	3870
Caprolactam	110	U	4940	4950	4330	4370
4-Chloro-3-methylphenol	74	U	9870	9900	8110	8120
2-Methylnaphthalene	63	U	4940	4950	4130	4060
Hexachlorocyclopentadiene	58	U	4940	4950	2610	2440
2,4,6-Trichlorophenol	57	U	9870	9900	8320	8200
2,4,5-Trichlorophenol	63	U	9870	9900	7910	8320
1,1'-Biphenyl	66	U	4940	4950	4230	4190
2-Chloronaphthalene	55	U	4940	4950	4180	4100
2-Nitroaniline	200	U	4940	4950	4360	4050
Dimethyl phthalate	58	U	4940	4950	4580	4610
2,6-Dinitrotoluene	15	U	4940	4950	4370	4330
Acenaphthylene	58	U	4940	4950	4060	3980
3-Nitroaniline	170	U	4940	4950	3560	3600
Acenaphthene	71	U	4940	4950	4300	4180
2,4-Dinitrophenol	280	U	9870	9900	7940	8030
4-Nitrophenol	320	U	9870	9900	8310	7780
Dibenzofuran	58	U	4940	4950	4160	4120
2,4-Dinitrotoluene	16	U	4940	4950	4440	4410
Diethyl phthalate	58	U	4940	4950	4460	4450
Fluorene	63	U	4940	4950	4220	4060
4-Chlorophenyl phenyl ether	58	U	4940	4950	4190	4130
4-Nitroaniline	150	U	4940	4950	4470	4330
4,6-Dinitro-2-methylphenol	130	U	9870	9900	8980	9110
N-Nitrosodiphenylamine	48	U	4940	4950	4880	4930

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-129345

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44767-1	Units:	ug/Kg	MSD Lab Sample ID:	460-44767-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2012 0534			Analysis Date:	10/01/2012 0558
Prep Date:	09/26/2012 0336			Prep Date:	09/26/2012 0336
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Bromophenyl phenyl ether	49	U	4940	4950	4550	4510
Hexachlorobenzene	6.7	U	4940	4950	4320	4270
Atrazine	76	U	4940	4950	2010	2030
Pentachlorophenol	150	U	9870	9900	8100	7900
Phenanthrene	530		4940	4950	4730	4610
Anthracene	67	J	4940	4950	4160	4100
Carbazole	83	J	4940	4950	4330	4300
Di-n-butyl phthalate	60	U	4940	4950	4430	4450
Fluoranthene	1100		4940	4950	4900	4820
Pyrene	1000		4940	4950	4630	4660
Butyl benzyl phthalate	160	J	4940	4950	4320	4410
3,3'-Dichlorobenzidine	170	U	4940	4950	4450	4550
Benzo[a]anthracene	480		4940	4950	4580	4580
Chrysene	640		4940	4950	4540	4710
Bis(2-ethylhexyl) phthalate	160	U	4940	4950	4280	4310
Di-n-octyl phthalate	31	U	4940	4950	3730	3660
Benzo[b]fluoranthene	770		4940	4950	4620	4500
Benzo[k]fluoranthene	290		4940	4950	3750	3890
Benzo[a]pyrene	480		4940	4950	4270	4440
Indeno[1,2,3-cd]pyrene	400		4940	4950	4890	4920
Dibenz(a,h)anthracene	59		4940	4950	4600	4630
Benzo[g,h,i]perylene	370	J	4940	4950	4920	5040

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Method Blank - Batch: 460-128543 **Method: 6010B**
Preparation: 3050B

Lab Sample ID:	MB 460-128543/1-A ^2	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	09/20/2012 1900	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Method Blank - Batch: 460-128543 **Method: 6010B**
Preparation: 3050B

Lab Sample ID:	MB 460-128543/1-A ^2	Analysis Batch:	460-128898	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09212012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	09/21/2012 2338	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Copper	0.97	U	0.97	2.5

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

LCS-Certified Reference Material - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	09/20/2012 1848	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9040	5274	58.3	43.3 - 156.8	
Antimony	117	204.7	175.7	20.8 - 252.5	
Arsenic	163	159.7	97.9	70.8 - 129.8	
Barium	207	201.4	97.4	73.2 - 126.8	
Beryllium	107	110.4	103.3	75.1 - 125.5	
Cadmium	100	101.7	101.7	73.0 - 126.2	
Calcium	6670	6361	95.4	74.4 - 125.8	
Chromium	116	115.1	99.6	69.7 - 129.4	
Cobalt	127	133.0	104.5	74.4 - 125.2	
Copper	115	120.7	105.4	74.6 - 124.6	
Iron	12600	11270	89.3	32.2 - 167.7	
Lead	74.7	77.77	104.2	68.7 - 131.3	
Magnesium	2700	2250	83.4	65.1 - 135.3	
Manganese	328	347.6	105.9	75.4 - 125.1	
Nickel	68.0	70.85	104.3	70.9 - 129.0	
Potassium	3040	2540	83.6	62.9 - 136.7	
Selenium	122	119.1	97.4	66.7 - 134.1	
Silver	41.1	40.91	99.6	66.2 - 134.0	
Sodium	340	326.8	96.2	42.9 - 156.9	J
Thallium	202	221.2	109.5	69.2 - 130.8	
Vanadium	84.6	82.39	97.4	63.1 - 136.6	
Zinc	268	264.5	98.7	71.4 - 128.6	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Matrix Spike - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-44823-A-1-C MS ^4	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	09/20/2012 1836	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	4900		195	5998	563	75 - 125	4
Antimony	1.3	U	48.7	36.38	75	75 - 125	
Arsenic	2.7		195	182.3	92	75 - 125	
Barium	21.6	J	195	214.2	99	75 - 125	
Beryllium	0.18	J	4.87	4.95	98	75 - 125	
Cadmium	0.15	U	4.87	4.76	98	75 - 125	
Calcium	1400		1950	2740	69	75 - 125	F
Chromium	8.4		19.5	28.65	104	75 - 125	
Cobalt	2.3	J	48.7	49.82	98	75 - 125	
Copper	8.6		24.3	31.39	93	75 - 125	
Iron	8740		97.4	9260	533	75 - 125	4
Lead	25.1		48.7	73.17	99	75 - 125	
Magnesium	792	J	1950	2756	101	75 - 125	
Manganese	45.6		48.7	94.53	101	75 - 125	
Nickel	4.6	J	48.7	53.01	99	75 - 125	
Potassium	395	J	1950	2321	99	75 - 125	
Selenium	1.3	U	195	174.2	89	75 - 125	
Silver	0.20	U	4.87	4.38	90	75 - 125	
Sodium	160	U	1950	2064	106	75 - 125	
Thallium	1.1	U	195	202.0	104	75 - 125	
Vanadium	9.6	J	48.7	57.12	98	75 - 125	
Zinc	23.9		48.7	70.91	97	75 - 125	

Post Digestion Spike - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-44823-A-1-A PDS ^4	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	09/20/2012 1840	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	4900		404	5153	NC	75 - 125	
Antimony	1.3	U	101	94.84	94	75 - 125	
Arsenic	2.7		404	377.0	93	75 - 125	
Barium	21.6	J	404	415.9	98	75 - 125	
Beryllium	0.18	J	10.1	9.94	97	75 - 125	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Post Digestion Spike - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-44823-A-1-A PDS ^4	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	09/20/2012 1840	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.15	U	10.1	9.75	96	75 - 125	
Calcium	1400		4040	5076	91	75 - 125	
Chromium	8.4		40.4	46.86	95	75 - 125	
Cobalt	2.3	J	101	99.53	96	75 - 125	
Copper	8.6		50.5	57.62	97	75 - 125	
Iron	8740		202	8837	NC	75 - 125	
Lead	25.1		101	124.6	98	75 - 125	
Magnesium	792	J	4040	4589	94	75 - 125	
Manganese	45.6		101	144.8	98	75 - 125	
Nickel	4.6	J	101	103.1	97	75 - 125	
Potassium	395	J	4040	4177	94	75 - 125	
Selenium	1.3	U	404	363.5	90	75 - 125	
Silver	0.20	U	10.1	9.03	89	75 - 125	
Sodium	160	U	4040	4122	102	75 - 125	
Thallium	1.1	U	404	411.6	102	75 - 125	
Vanadium	9.6	J	101	103.9	93	75 - 125	
Zinc	23.9		101	118.8	94	75 - 125	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Duplicate - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-44823-A-1-B DU ^4	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	09/20/2012 1823	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	4900		4748	3	20	
Antimony	1.3	U	1.2	NC	20	U
Arsenic	2.7		2.31	14	20	
Barium	21.6	J	20.96	3	20	J
Beryllium	0.18	J	0.200	12	20	J
Cadmium	0.15	U	0.14	NC	20	U
Calcium	1400		1374	2	20	
Chromium	8.4		8.25	2	20	
Cobalt	2.3	J	2.34	0.3	20	J
Copper	8.6		8.18	5	20	
Iron	8740		8573	2	20	
Lead	25.1		24.32	3	20	
Magnesium	792	J	776.7	2	20	J
Manganese	45.6		44.87	2	20	
Nickel	4.6	J	4.59	0.4	20	J
Potassium	395	J	374.1	5	20	J
Selenium	1.3	U	1.3	NC	20	U
Silver	0.20	U	0.19	NC	20	U
Sodium	160	U	154	NC	20	U
Thallium	1.1	U	1.1	NC	20	U
Vanadium	9.6	J	9.41	2	20	J
Zinc	23.9		23.43	2	20	

Serial Dilution - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-44823-A-1-A SD ^20	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	09/20/2012 1832	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	4900		4891	0.23	10	
Antimony	1.3	U	6.3	NC	10	U
Arsenic	2.7		4.8	NC	10	U
Barium	21.6	J	21.25	NC	10	J
Beryllium	0.18	J	0.73	NC	10	U
Cadmium	0.15	U	0.75	NC	10	U
Calcium	1400		1376	NC	10	J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Serial Dilution - Batch: 460-128543

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-44823-A-1-A SD ^20	Analysis Batch:	460-128758	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-128543	Lab File ID:	09202012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	09/20/2012 1832	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/20/2012 0804				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	8.4		8.21	NC	10	J
Cobalt	2.3	J	4.3	NC	10	U
Copper	8.6		10.39	NC	10	J
Iron	8740		8802	0.69	10	
Lead	25.1		24.78	NC	10	
Magnesium	792	J	810.6	NC	10	J
Manganese	45.6		46.16	1.3	10	
Nickel	4.6	J	4.64	NC	10	J
Potassium	395	J	541	NC	10	U
Selenium	1.3	U	6.7	NC	10	U
Silver	0.20	U	1.0	NC	10	U
Sodium	160	U	799	NC	10	U
Thallium	1.1	U	5.7	NC	10	U
Vanadium	9.6	J	9.60	NC	10	J
Zinc	23.9		23.97	NC	10	J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Method Blank - Batch: 460-128794

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-128794/1-A	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2012 1521	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-128794

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2012 1524	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	23.13	92.1	51.4 - 148.2	

Matrix Spike - Batch: 460-128794

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-44867-D-1-D MS	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2012 1530	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.024	U	0.185	0.199	108	75 - 125	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Duplicate - Batch: 460-128794

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-44867-D-1-C DU	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2012 1528	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.024	U	0.024	NC	20	U

Serial Dilution - Batch: 460-128794

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-44867-D-1-B SD ^5	Analysis Batch:	460-128867	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-128794	Lab File ID:	128794.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2012 1629	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2012 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.024	U	0.12	NC		U

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Duplicate - Batch: 460-128476

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-44782-A-20 DU	Analysis Batch:	460-128476	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/19/2012 1605	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	11.2	12.4	10	20	
Percent Solids	88.8	87.6	1	20	

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	A	The tentatively identified compound is a suspected aldol-condensation product.
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.
	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.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-129345					
LCS 460-129345/2-A	Lab Control Sample	T	Solid	3541	
MB 460-129345/1-A	Method Blank	T	Solid	3541	
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	3541	
460-44767-1MS	Matrix Spike	T	Solid	3541	
460-44767-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	3541	
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	3541	
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	3541	
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	3541	
Analysis Batch:460-130002					
LCS 460-129345/2-A	Lab Control Sample	T	Solid	8270C	460-129345
MB 460-129345/1-A	Method Blank	T	Solid	8270C	460-129345
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	8270C	460-129345
460-44767-1MS	Matrix Spike	T	Solid	8270C	460-129345
460-44767-1MSD	Matrix Spike Duplicate	T	Solid	8270C	460-129345
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	8270C	460-129345
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	8270C	460-129345
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	8270C	460-129345
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	8270C	460-129345

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-128543					
LCSSRM 460-128543/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-128543/1-A ^2	Method Blank	T	Solid	3050B	
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	3050B	
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	3050B	
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	3050B	
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	3050B	
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	3050B	
460-44823-A-1-B DU ^4	Duplicate	T	Solid	3050B	
460-44823-A-1-C MS ^4	Matrix Spike	T	Solid	3050B	
Analysis Batch:460-128758					
LCSSRM 460-128543/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-128543
MB 460-128543/1-A ^2	Method Blank	T	Solid	6010B	460-128543
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	6010B	460-128543
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	6010B	460-128543
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	6010B	460-128543
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	6010B	460-128543
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	6010B	460-128543
460-44823-A-1-B DU ^4	Duplicate	T	Solid	6010B	460-128543
460-44823-A-1-C MS ^4	Matrix Spike	T	Solid	6010B	460-128543
Prep Batch: 460-128794					
LCSSRM 460-128794/2-A ^25	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-128794/1-A	Method Blank	T	Solid	7471A	
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	7471A	
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	7471A	
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	7471A	
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	7471A	
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	7471A	
460-44867-D-1-C DU	Duplicate	T	Solid	7471A	
460-44867-D-1-D MS	Matrix Spike	T	Solid	7471A	
Analysis Batch:460-128867					
LCSSRM 460-128794/2-A ^25	LCS-Certified Reference Material	T	Solid	7471A	460-128794
MB 460-128794/1-A	Method Blank	T	Solid	7471A	460-128794
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	7471A	460-128794
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	7471A	460-128794
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	7471A	460-128794
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	7471A	460-128794
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	7471A	460-128794
460-44867-D-1-C DU	Duplicate	T	Solid	7471A	460-128794
460-44867-D-1-D MS	Matrix Spike	T	Solid	7471A	460-128794

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-128898					
MB 460-128543/1-A ^2	Method Blank	T	Solid	6010B	460-128543
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	6010B	460-128543

Report Basis
T = Total

General Chemistry					
Analysis Batch:460-128476					
460-44767-1	SO-17338-091712-SED12-MM-200	T	Solid	Moisture	
460-44767-2	SO-17338-091712-SED11-MM-201	T	Solid	Moisture	
460-44767-3	SO-17338-091712-SED10-MM-202	T	Solid	Moisture	
460-44767-4	SO-17338-091712-SED9-MM-203	T	Solid	Moisture	
460-44767-5	SO-17338-091712-SED8-MM-204	T	Solid	Moisture	
460-44782-A-20 DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Laboratory Chronicle

Lab ID: 460-44767-1 **Client ID: SO-17338-091712-SED12-MM-200**

Sample Date/Time: 09/17/2012 09:30 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-1-E		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-1-E		460-130002	460-129345	10/01/2012 05:10	1	TAL EDI	CZ
P:3050B	460-44767-A-1-A ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44767-A-1-A ^4		460-128758	460-128543	09/20/2012 19:49	4	TAL EDI	CDC
P:7471A	460-44767-A-1-B		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44767-A-1-B		460-128867	460-128794	09/21/2012 15:57	1	TAL EDI	RBS
A:Moisture	460-44767-A-1		460-128476		09/19/2012 16:05	1	TAL EDI	CHA

Lab ID: 460-44767-1 MS **Client ID: SO-17338-091712-SED12-MM-200**

Sample Date/Time: 09/17/2012 09:30 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-1-C MS		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-1-C MS		460-130002	460-129345	10/01/2012 05:34	1	TAL EDI	CZ

Lab ID: 460-44767-1 MSD **Client ID: SO-17338-091712-SED12-MM-200**

Sample Date/Time: 09/17/2012 09:30 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-1-D MSD		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-1-D MSD		460-130002	460-129345	10/01/2012 05:58	1	TAL EDI	CZ

Lab ID: 460-44767-2 **Client ID: SO-17338-091712-SED11-MM-201**

Sample Date/Time: 09/17/2012 10:45 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-2-C		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-2-C		460-130002	460-129345	10/01/2012 03:59	1	TAL EDI	CZ
P:3050B	460-44767-A-2-A ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44767-A-2-A ^4		460-128758	460-128543	09/20/2012 19:53	4	TAL EDI	CDC
P:7471A	460-44767-A-2-B		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44767-A-2-B		460-128867	460-128794	09/21/2012 15:58	1	TAL EDI	RBS
A:Moisture	460-44767-A-2		460-128476		09/19/2012 16:05	1	TAL EDI	CHA

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

Laboratory Chronicle

Lab ID: 460-44767-3 **Client ID: SO-17338-091712-SED10-MM-202**

Sample Date/Time: 09/17/2012 11:15 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-3-C		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-3-C		460-130002	460-129345	10/01/2012 04:22	1	TAL EDI	CZ
P:3050B	460-44767-A-3-A ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44767-A-3-A ^4		460-128758	460-128543	09/20/2012 19:57	4	TAL EDI	CDC
P:7471A	460-44767-A-3-B		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44767-A-3-B		460-128867	460-128794	09/21/2012 16:01	1	TAL EDI	RBS
A:Moisture	460-44767-A-3		460-128476		09/19/2012 16:05	1	TAL EDI	CHA

Lab ID: 460-44767-4 **Client ID: SO-17338-091712-SED9-MM-203**

Sample Date/Time: 09/17/2012 12:40 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-4-C		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-4-C		460-130002	460-129345	10/01/2012 04:46	1	TAL EDI	CZ
P:3050B	460-44767-A-4-A ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44767-A-4-A ^4		460-128758	460-128543	09/20/2012 20:01	4	TAL EDI	CDC
P:7471A	460-44767-A-4-B		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44767-A-4-B		460-128867	460-128794	09/21/2012 16:03	1	TAL EDI	RBS
A:Moisture	460-44767-A-4		460-128476		09/19/2012 16:05	1	TAL EDI	CHA

Lab ID: 460-44767-5 **Client ID: SO-17338-091712-SED8-MM-204**

Sample Date/Time: 09/17/2012 13:30 Received Date/Time: 09/19/2012 11:46

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-44767-A-5-C		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	460-44767-A-5-C		460-130002	460-129345	10/01/2012 03:35	1	TAL EDI	CZ
P:3050B	460-44767-A-5-A ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44767-A-5-A ^4		460-128758	460-128543	09/20/2012 20:06	4	TAL EDI	CDC
P:3050B	460-44767-A-5-A ^10		460-128898	460-128543	09/20/2012 08:04	10	TAL EDI	MC
A:6010B	460-44767-A-5-A ^10		460-128898	460-128543	09/21/2012 23:51	10	TAL EDI	CDC
P:7471A	460-44767-A-5-B		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44767-A-5-B		460-128867	460-128794	09/21/2012 16:09	1	TAL EDI	RBS
A:Moisture	460-44767-A-5		460-128476		09/19/2012 16:05	1	TAL EDI	CHA

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

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:3541	MB 460-129345/1-A		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	MB 460-129345/1-A		460-130002	460-129345	10/01/2012 02:00	1	TAL EDI	CZ
P:3050B	MB 460-128543/1-A ^2		460-128758	460-128543	09/20/2012 08:04	2	TAL EDI	MC
A:6010B	MB 460-128543/1-A ^2		460-128758	460-128543	09/20/2012 19:00	2	TAL EDI	CDC
P:3050B	MB 460-128543/1-A ^2		460-128898	460-128543	09/20/2012 08:04	2	TAL EDI	MC
A:6010B	MB 460-128543/1-A ^2		460-128898	460-128543	09/21/2012 23:38	2	TAL EDI	CDC
P:7471A	MB 460-128794/1-A		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	MB 460-128794/1-A		460-128867	460-128794	09/21/2012 15:21	1	TAL EDI	RBS

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:3541	LCS 460-129345/2-A		460-130002	460-129345	09/26/2012 03:36	1	TAL EDI	ARA
A:8270C	LCS 460-129345/2-A		460-130002	460-129345	10/01/2012 01:10	1	TAL EDI	CZ

Lab ID: LCSSRM **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:3050B	LCSSRM 460-128543/2-A ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	LCSSRM 460-128543/2-A ^4		460-128758	460-128543	09/20/2012 18:48	4	TAL EDI	CDC
P:7471A	LCSSRM 460-128794/2-A ^25		460-128867	460-128794	09/21/2012 11:02	25	TAL EDI	RBS
A:7471A	LCSSRM 460-128794/2-A ^25		460-128867	460-128794	09/21/2012 15:24	25	TAL EDI	RBS

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:3050B	460-44823-A-1-C MS ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44823-A-1-C MS ^4		460-128758	460-128543	09/20/2012 18:36	4	TAL EDI	CDC
P:7471A	460-44867-D-1-D MS		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44867-D-1-D MS		460-128867	460-128794	09/21/2012 15:30	1	TAL EDI	RBS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-44767-1

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:3050B	460-44823-A-1-B DU ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44823-A-1-B DU ^4		460-128758	460-128543	09/20/2012 18:23	4	TAL EDI	CDC
P:7471A	460-44867-D-1-C DU		460-128867	460-128794	09/21/2012 11:02	1	TAL EDI	RBS
A:7471A	460-44867-D-1-C DU		460-128867	460-128794	09/21/2012 15:28	1	TAL EDI	RBS
A:Moisture	460-44782-A-20 DU		460-128476		09/19/2012 16:05	1	TAL EDI	CHA

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:3050B	460-44823-A-1-A SD ^20		460-128758	460-128543	09/20/2012 08:04	20	TAL EDI	MC
A:6010B	460-44823-A-1-A SD ^20		460-128758	460-128543	09/20/2012 18:32	20	TAL EDI	CDC
P:3050B	460-44823-A-1-A PDS ^4		460-128758	460-128543	09/20/2012 08:04	4	TAL EDI	MC
A:6010B	460-44823-A-1-A PDS ^4		460-128758	460-128543	09/20/2012 18:40	4	TAL EDI	CDC
P:7471A	460-44867-D-1-B SD ^5		460-128867	460-128794	09/21/2012 11:02	5	TAL EDI	RBS
A:7471A	460-44867-D-1-B SD ^5		460-128867	460-128794	09/21/2012 16:29	5	TAL EDI	RBS

Lab References:
TAL EDI = TestAmerica Edison

Method 8270 DEL

Semivolatile Organics (GC/MS) by Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SO-17338-091712-SE D12-MM-200	460-44767-1	74	82	78	81	61	87
SO-17338-091712-SE D11-MM-201	460-44767-2	83	93	87	86	83	102
SO-17338-091712-SE D10-MM-202	460-44767-3	82	91	88	87	80	99
SO-17338-091712-SE D9-MM-203	460-44767-4	79	89	83	85	76	95
SO-17338-091712-SE D8-MM-204	460-44767-5	79	88	80	82	80	94
	MB 460-129345/1-A	84	94	87	83	83	91
	LCS 460-129345/2-A	70	74	73	71	73	75
SO-17338-091712-SE D12-MM-200 MS	460-44767-1 MS	73	78	77	79	71	77
SO-17338-091712-SE D12-MM-200 MSD	460-44767-1 MSD	72	77	76	78	69	77

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z12972.d

Lab ID: LCS 460-129345/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	2270	68	10-160	
Phenol	6670	4830	72	54-115	
Bis(2-chloroethyl)ether	3330	2750	82	44-101	
2-Chlorophenol	6670	5060	76	56-110	
2-Methylphenol	6670	5160	77	54-117	
2,2'-oxybis[1-chloropropane]	3330	2410	72	45-102	
Acetophenone	3330	2850	85	40-95	
4-Methylphenol	6670	5430	81	47-103	
N-Nitrosodi-n-propylamine	3330	3030	91	42-107	
Hexachloroethane	3330	2590	78	45-90	
Nitrobenzene	3330	2510	75	42-106	
Isophorone	3330	1820	55	48-97	
2-Nitrophenol	6670	5070	76	55-101	
2,4-Dimethylphenol	6670	5040	76	56-112	
Bis(2-chloroethoxy)methane	3330	2660	80	51-100	
2,4-Dichlorophenol	6670	5120	77	58-115	
Naphthalene	3330	2580	77	53-94	
4-Chloroaniline	3330	1730	52	10-96	
Hexachlorobutadiene	3330	2530	76	45-98	
Caprolactam	3330	2050	62	10-127	
4-Chloro-3-methylphenol	6670	5420	81	55-117	
2-Methylnaphthalene	3330	2660	80	51-98	
Hexachlorocyclopentadiene	3330	2290	69	24-98	
2,4,6-Trichlorophenol	6670	5210	78	53-118	
2,4,5-Trichlorophenol	6670	5140	77	50-115	
1,1'-Biphenyl	3330	2560	77	50-105	
2-Chloronaphthalene	3330	2610	78	51-102	
2-Nitroaniline	3330	2490	75	51-109	
Dimethyl phthalate	3330	2770	83	52-112	
2,6-Dinitrotoluene	3330	2630	79	51-115	
Acenaphthylene	3330	2530	76	51-103	
3-Nitroaniline	3330	1930	58	32-104	
Acenaphthene	3330	2640	79	46-100	
2,4-Dinitrophenol	6670	5860	88	10-129	
4-Nitrophenol	6670	5760	86	45-114	
Dibenzofuran	3330	2590	78	52-106	
2,4-Dinitrotoluene	3330	2780	83	53-110	
Diethyl phthalate	3330	2700	81	52-114	
Fluorene	3330	2620	79	51-108	
4-Chlorophenyl phenyl ether	3330	2650	79	50-106	
4-Nitroaniline	3330	2840	85	45-106	
4,6-Dinitro-2-methylphenol	6670	5630	84	10-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z12972.d

Lab ID: LCS 460-129345/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2840	85	49-106	
4-Bromophenyl phenyl ether	3330	2730	82	44-102	
Hexachlorobenzene	3330	2650	80	43-104	
Atrazine	3330	1240	37	30-100	
Pentachlorophenol	6670	5400	81	19-113	
Phenanthrene	3330	2640	79	48-108	
Anthracene	3330	2580	77	50-107	
Carbazole	3330	2690	81	49-104	
Di-n-butyl phthalate	3330	2730	82	50-108	
Fluoranthene	3330	2680	80	49-108	
Pyrene	3330	2600	78	49-116	
Butyl benzyl phthalate	3330	2660	80	49-117	
3,3'-Dichlorobenzidine	3330	2480	74	24-105	
Benzo[a]anthracene	3330	2650	80	46-112	
Chrysene	3330	2640	79	45-114	
Bis(2-ethylhexyl) phthalate	3330	2690	81	49-119	
Di-n-octyl phthalate	3330	2540	76	40-106	
Benzo[b]fluoranthene	3330	2660	80	33-96	
Benzo[k]fluoranthene	3330	2260	68	35-115	
Benzo[a]pyrene	3330	2540	76	36-89	
Indeno[1,2,3-cd]pyrene	3330	2630	79	43-109	
Dibenz(a,h)anthracene	3330	2560	77	43-107	
Benzo[g,h,i]perylene	3330	2580	78	43-106	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z12983.d

Lab ID: 460-44767-1 MS Client ID: SO-17338-091712-SED12-MM-200 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	4940	58 U	3800	77	10-160	
Phenol	9870	66 U	7740	78	54-115	
Bis(2-chloroethyl)ether	4940	6.7 U	4280	87	44-101	
2-Chlorophenol	9870	64 U	7840	79	56-110	
2-Methylphenol	9870	84 U	8060	82	54-117	
2,2'-oxybis[1-chloropropane]	4940	54 U	3910	79	45-102	
Acetophenone	4940	75 U	4160	84	40-95	
4-Methylphenol	9870	97 U	8420	85	47-103	
N-Nitrosodi-n-propylamine	4940	8.2 U	4200	85	42-107	
Hexachloroethane	4940	5.5 U	3880	79	45-90	
Nitrobenzene	4940	7.0 U	4020	81	42-106	
Isophorone	4940	59 U	3010	61	48-97	
2-Nitrophenol	9870	55 U	7920	80	55-101	
2,4-Dimethylphenol	9870	120 U	7970	81	56-112	
Bis(2-chloroethoxy)methane	4940	63 U	4260	86	51-100	
2,4-Dichlorophenol	9870	72 U	7840	79	58-115	
Naphthalene	4940	57 U	4070	83	53-94	
4-Chloroaniline	4940	130 U	2950	60	10-96	
Hexachlorobutadiene	4940	12 U	3890	79	45-98	
Caprolactam	4940	110 U	4330	88	10-127	
4-Chloro-3-methylphenol	9870	74 U	8110	82	55-117	
2-Methylnaphthalene	4940	63 U	4130	84	51-98	
Hexachlorocyclopentadiene	4940	58 U	2610	53	24-98	
2,4,6-Trichlorophenol	9870	57 U	8320	84	53-118	
2,4,5-Trichlorophenol	9870	63 U	7910	80	50-115	
1,1'-Biphenyl	4940	66 U	4230	86	50-105	
2-Chloronaphthalene	4940	55 U	4180	85	51-102	
2-Nitroaniline	4940	200 U	4360	88	51-109	
Dimethyl phthalate	4940	58 U	4580	93	52-112	
2,6-Dinitrotoluene	4940	15 U	4370	89	51-115	
Acenaphthylene	4940	58 U	4060	82	51-103	
3-Nitroaniline	4940	170 U	3560	72	32-104	
Acenaphthene	4940	71 U	4300	87	46-100	
2,4-Dinitrophenol	9870	280 U	7940	80	10-129	
4-Nitrophenol	9870	320 U	8310	84	45-114	
Dibenzofuran	4940	58 U	4160	84	52-106	
2,4-Dinitrotoluene	4940	16 U	4440	90	53-110	
Diethyl phthalate	4940	58 U	4460	90	52-114	
Fluorene	4940	63 U	4220	86	51-108	
4-Chlorophenyl phenyl ether	4940	58 U	4190	85	50-106	
4-Nitroaniline	4940	150 U	4470	91	45-106	
4,6-Dinitro-2-methylphenol	9870	130 U	8980	91	10-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z12983.d

Lab ID: 460-44767-1 MS Client ID: SO-17338-091712-SED12-MM-200 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	4940	48 U	4880	99	49-106	
4-Bromophenyl phenyl ether	4940	49 U	4550	92	44-102	
Hexachlorobenzene	4940	6.7 U	4320	88	43-104	
Atrazine	4940	76 U	2010	41	30-100	
Pentachlorophenol	9870	150 U	8100	82	19-113	
Phenanthrene	4940	530	4730	85	48-108	
Anthracene	4940	67 J	4160	83	50-107	
Carbazole	4940	83 J	4330	86	49-104	
Di-n-butyl phthalate	4940	60 U	4430	90	50-108	
Fluoranthene	4940	1100	4900	76	49-108	
Pyrene	4940	1000	4630	73	49-116	
Butyl benzyl phthalate	4940	160 J	4320	84	49-117	
3,3'-Dichlorobenzidine	4940	170 U	4450	90	24-105	
Benzo[a]anthracene	4940	480	4580	83	46-112	
Chrysene	4940	640	4540	79	45-114	
Bis(2-ethylhexyl) phthalate	4940	160 U	4280	87	49-119	
Di-n-octyl phthalate	4940	31 U	3730	76	40-106	
Benzo[b]fluoranthene	4940	770	4620	78	33-96	
Benzo[k]fluoranthene	4940	290	3750	70	35-115	
Benzo[a]pyrene	4940	480	4270	77	36-89	
Indeno[1,2,3-cd]pyrene	4940	400	4890	91	43-109	
Dibenz(a,h)anthracene	4940	59	4600	92	43-107	
Benzo[g,h,i]perylene	4940	370 J	4920	92	43-106	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z12984.d

Lab ID: 460-44767-1 MSD Client ID: SO-17338-091712-SED12-MM-200

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	4950	3690	75	3	30	10-160	
Phenol	9900	7570	76	2	30	54-115	
Bis(2-chloroethyl)ether	4950	4340	88	1	30	44-101	
2-Chlorophenol	9900	7840	79	0	30	56-110	
2-Methylphenol	9900	8010	81	1	30	54-117	
2,2'-oxybis[1-chloropropane]	4950	3830	77	2	30	45-102	
Acetophenone	4950	4150	84	0	30	40-95	
4-Methylphenol	9900	8390	85	0	30	47-103	
N-Nitrosodi-n-propylamine	4950	3940	80	6	30	42-107	
Hexachloroethane	4950	3930	79	1	30	45-90	
Nitrobenzene	4950	3940	80	2	30	42-106	
Isophorone	4950	3730	75	21	30	48-97	
2-Nitrophenol	9900	7870	79	1	30	55-101	
2,4-Dimethylphenol	9900	7820	79	2	30	56-112	
Bis(2-chloroethoxy)methane	4950	4220	85	1	30	51-100	
2,4-Dichlorophenol	9900	7760	78	1	30	58-115	
Naphthalene	4950	4020	81	1	30	53-94	
4-Chloroaniline	4950	2950	60	0	30	10-96	
Hexachlorobutadiene	4950	3870	78	1	30	45-98	
Caprolactam	4950	4370	88	1	30	10-127	
4-Chloro-3-methylphenol	9900	8120	82	0	30	55-117	
2-Methylnaphthalene	4950	4060	82	2	30	51-98	
Hexachlorocyclopentadiene	4950	2440	49	6	30	24-98	
2,4,6-Trichlorophenol	9900	8200	83	1	30	53-118	
2,4,5-Trichlorophenol	9900	8320	84	5	30	50-115	
1,1'-Biphenyl	4950	4190	85	1	30	50-105	
2-Chloronaphthalene	4950	4100	83	2	30	51-102	
2-Nitroaniline	4950	4050	82	7	30	51-109	
Dimethyl phthalate	4950	4610	93	1	30	52-112	
2,6-Dinitrotoluene	4950	4330	88	1	30	51-115	
Acenaphthylene	4950	3980	81	2	30	51-103	
3-Nitroaniline	4950	3600	73	1	30	32-104	
Acenaphthene	4950	4180	84	3	30	46-100	
2,4-Dinitrophenol	9900	8030	81	1	30	10-129	
4-Nitrophenol	9900	7780	79	7	30	45-114	
Dibenzofuran	4950	4120	83	1	30	52-106	
2,4-Dinitrotoluene	4950	4410	89	1	30	53-110	
Diethyl phthalate	4950	4450	90	0	30	52-114	
Fluorene	4950	4060	82	4	30	51-108	
4-Chlorophenyl phenyl ether	4950	4130	83	1	30	50-106	
4-Nitroaniline	4950	4330	87	3	30	45-106	
4,6-Dinitro-2-methylphenol	9900	9110	92	1	30	10-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z12984.d

Lab ID: 460-44767-1 MSD Client ID: SO-17338-091712-SED12-MM-200

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
N-Nitrosodiphenylamine	4950	4930	100	1	30	49-106	
4-Bromophenyl phenyl ether	4950	4510	91	1	30	44-102	
Hexachlorobenzene	4950	4270	86	1	30	43-104	
Atrazine	4950	2030	41	1	30	30-100	
Pentachlorophenol	9900	7900	80	2	30	19-113	
Phenanthrene	4950	4610	82	2	30	48-108	
Anthracene	4950	4100	82	1	30	50-107	
Carbazole	4950	4300	85	1	30	49-104	
Di-n-butyl phthalate	4950	4450	90	0	30	50-108	
Fluoranthene	4950	4820	75	2	30	49-108	
Pyrene	4950	4660	74	1	30	49-116	
Butyl benzyl phthalate	4950	4410	86	2	30	49-117	
3,3'-Dichlorobenzidine	4950	4550	92	2	30	24-105	
Benzo[a]anthracene	4950	4580	83	0	30	46-112	
Chrysene	4950	4710	82	4	30	45-114	
Bis(2-ethylhexyl) phthalate	4950	4310	87	1	30	49-119	
Di-n-octyl phthalate	4950	3660	74	2	30	40-106	
Benzo[b]fluoranthene	4950	4500	75	3	30	33-96	
Benzo[k]fluoranthene	4950	3890	73	4	30	35-115	
Benzo[a]pyrene	4950	4440	80	4	30	36-89	
Indeno[1,2,3-cd]pyrene	4950	4920	91	1	30	43-109	
Dibenz(a,h)anthracene	4950	4630	92	1	30	43-107	
Benzo[g,h,i]perylene	4950	5040	95	3	30	43-106	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab File ID: z12974.d Lab Sample ID: MB 460-129345/1-A

Matrix: Solid Date Extracted: 09/26/2012 03:36

Instrument ID: BNAMS11 Date Analyzed: 10/01/2012 02:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-129345/2-A	z12972.d	10/01/2012 01:10
SO-17338-091712-SED8-MM-204	460-44767-5	z12978.d	10/01/2012 03:35
SO-17338-091712-SED11-MM-201	460-44767-2	z12979.d	10/01/2012 03:59
SO-17338-091712-SED10-MM-202	460-44767-3	z12980.d	10/01/2012 04:22
SO-17338-091712-SED9-MM-203	460-44767-4	z12981.d	10/01/2012 04:46
SO-17338-091712-SED12-MM-200	460-44767-1	z12982.d	10/01/2012 05:10
SO-17338-091712-SED12-MM-200 MS	460-44767-1 MS	z12983.d	10/01/2012 05:34
SO-17338-091712-SED12-MM-200 MSD	460-44767-1 MSD	z12984.d	10/01/2012 05:58

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab File ID: z12963.d DFTPP Injection Date: 09/30/2012

Instrument ID: BNAMS11 DFTPP Injection Time: 20:26

Analysis Batch No.: 130002

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	56.7	
68	Less than 2.0 % of mass 69	1.1	(2.0)1
69	Mass 69 relative abundance	56.1	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	59.0	
197	Less than 1.0 % of mass 198	0.6	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	23.2	
365	Greater than 1.0 % of mass 198	3.2	
441	Present but less than mass 443	8.3	(71.5)1
442	Greater than 40.0 % of mass 198	60.5	
443	17.0 - 23.0 % of mass 442	11.6	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-130002/2	z12965.d	09/30/2012	21:20
	IC 460-130002/3	z12966.d	09/30/2012	22:08
	IC 460-130002/4	z12967.d	09/30/2012	22:32
	IC 460-130002/5	z12968.d	09/30/2012	22:56
	IC 460-130002/6	z12970.d	09/30/2012	23:43
	LCS 460-129345/2-A	z12972.d	10/01/2012	01:10
	MB 460-129345/1-A	z12974.d	10/01/2012	02:00
SO-17338-091712-SED8-MM-204	460-44767-5	z12978.d	10/01/2012	03:35
SO-17338-091712-SED11-MM-201	460-44767-2	z12979.d	10/01/2012	03:59
SO-17338-091712-SED10-MM-202	460-44767-3	z12980.d	10/01/2012	04:22
SO-17338-091712-SED9-MM-203	460-44767-4	z12981.d	10/01/2012	04:46
SO-17338-091712-SED12-MM-200	460-44767-1	z12982.d	10/01/2012	05:10
SO-17338-091712-SED12-MM-200 MS	460-44767-1 MS	z12983.d	10/01/2012	05:34
SO-17338-091712-SED12-MM-200 MSD	460-44767-1 MSD	z12984.d	10/01/2012	05:58
	CCV 460-130010/1	z12985.d	10/01/2012	06:22

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Sample No.: ICIS 460-130002/2 Date Analyzed: 09/30/2012 21:20

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z12965.d Heated Purge: (Y/N) N

Calibration ID: 17898

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		397537	3.76	1388616	5.06	602606	6.80
UPPER LIMIT		795074	4.26	2777232	5.56	1205212	7.30
LOWER LIMIT		198769	3.26	694308	4.56	301303	6.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-129345/2-A		551830	3.77	2068843	5.06	958382	6.81
MB 460-129345/1-A		456335	3.76	1788296	5.05	905602	6.80
460-44767-5	SO-17338-091712-SED8-MM-204	522950	3.76	2042363	5.05	1018510	6.80
460-44767-2	SO-17338-091712-SED11-MM-201	512100	3.76	1966230	5.05	959104	6.80
460-44767-3	SO-17338-091712-SED10-MM-202	509586	3.76	1933533	5.05	927850	6.80
460-44767-4	SO-17338-091712-SED9-MM-203	508165	3.76	1961254	5.05	916184	6.80
460-44767-1	SO-17338-091712-SED12-MM-200	471145	3.76	1780450	5.05	795378	6.80
460-44767-1 MS	SO-17338-091712-SED12-MM-200 MS	460622	3.76	1694453	5.06	727278	6.80
460-44767-1 MSD	SO-17338-091712-SED12-MM-200 MSD	500938	3.77	1855255	5.06	799701	6.80

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Sample No.: ICIS 460-130002/2 Date Analyzed: 09/30/2012 21:20

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z12965.d Heated Purge: (Y/N) N

Calibration ID: 17898

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		673557	8.25	291327	10.89	227267	12.64
UPPER LIMIT		1347114	8.75	582654	11.39	454534	13.14
LOWER LIMIT		336779	7.75	145664	10.39	113634	12.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-129345/2-A		1085311	8.26	479406	10.90	391757	12.65
MB 460-129345/1-A		1151828	8.25	521212	10.89	338653	12.65
460-44767-5	SO-17338-091712-SED8-MM-204	1297644	8.25	560776	10.89	377503	12.64
460-44767-2	SO-17338-091712-SED11-MM-201	1145556	8.25	434978	10.89	327038	12.64
460-44767-3	SO-17338-091712-SED10-MM-202	1073186	8.25	407637	10.89	323531	12.64
460-44767-4	SO-17338-091712-SED9-MM-203	1066374	8.25	407425	10.89	319207	12.64
460-44767-1	SO-17338-091712-SED12-MM-200	866054	8.25	329139	10.89	286915	12.64
460-44767-1 MS	SO-17338-091712-SED12-MM-200 MS	757353	8.25	330968	10.89	299373	12.65
460-44767-1 MSD	SO-17338-091712-SED12-MM-200 MSD	820244	8.26	351823	10.89	331853	12.64

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1

Matrix: Solid | Lab File ID: z12982.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.03(g) | Date Analyzed: 10/01/2012 05:10

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	58	U	490	58
108-95-2	Phenol	66	U	490	66
111-44-4	Bis(2-chloroethyl)ether	6.7	U	49	6.7
95-57-8	2-Chlorophenol	64	U	490	64
95-48-7	2-Methylphenol	84	U	490	84
108-60-1	2,2'-oxybis[1-chloropropane]	54	U	490	54
98-86-2	Acetophenone	75	U	490	75
106-44-5	4-Methylphenol	97	U	490	97
621-64-7	N-Nitrosodi-n-propylamine	8.2	U	49	8.2
67-72-1	Hexachloroethane	5.5	U	49	5.5
98-95-3	Nitrobenzene	7.0	U	49	7.0
78-59-1	Isophorone	59	U	490	59
88-75-5	2-Nitrophenol	55	U	490	55
105-67-9	2,4-Dimethylphenol	120	U	490	120
111-91-1	Bis(2-chloroethoxy)methane	63	U	490	63
120-83-2	2,4-Dichlorophenol	72	U	490	72
91-20-3	Naphthalene	57	U	490	57
106-47-8	4-Chloroaniline	130	U	490	130
87-68-3	Hexachlorobutadiene	12	U	99	12
105-60-2	Caprolactam	110	U	490	110
59-50-7	4-Chloro-3-methylphenol	74	U	490	74
91-57-6	2-Methylnaphthalene	63	U	490	63
77-47-4	Hexachlorocyclopentadiene	58	U	490	58
88-06-2	2,4,6-Trichlorophenol	57	U	490	57
95-95-4	2,4,5-Trichlorophenol	63	U	490	63
92-52-4	1,1'-Biphenyl	66	U	490	66
91-58-7	2-Chloronaphthalene	55	U	490	55
88-74-4	2-Nitroaniline	200	U	990	200
131-11-3	Dimethyl phthalate	58	U	490	58
606-20-2	2,6-Dinitrotoluene	15	U	99	15
208-96-8	Acenaphthylene	58	U	490	58
99-09-2	3-Nitroaniline	170	U	990	170
83-32-9	Acenaphthene	71	U	490	71
51-28-5	2,4-Dinitrophenol	280	U	1500	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1

Matrix: Solid | Lab File ID: z12982.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.03(g) | Date Analyzed: 10/01/2012 05:10

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	320	U	1500	320
132-64-9	Dibenzofuran	58	U	490	58
121-14-2	2,4-Dinitrotoluene	16	U	99	16
84-66-2	Diethyl phthalate	58	U	490	58
86-73-7	Fluorene	63	U	490	63
7005-72-3	4-Chlorophenyl phenyl ether	58	U	490	58
100-01-6	4-Nitroaniline	150	U	990	150
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1500	130
86-30-6	N-Nitrosodiphenylamine	48	U	490	48
101-55-3	4-Bromophenyl phenyl ether	49	U	490	49
118-74-1	Hexachlorobenzene	6.7	U	49	6.7
1912-24-9	Atrazine	76	U	490	76
87-86-5	Pentachlorophenol	150	U	1500	150
85-01-8	Phenanthrene	530		490	62
120-12-7	Anthracene	67	J	490	60
86-74-8	Carbazole	83	J	490	58
84-74-2	Di-n-butyl phthalate	60	U	490	60
206-44-0	Fluoranthene	1100		490	65
129-00-0	Pyrene	1000		490	41
85-68-7	Butyl benzyl phthalate	160	J	490	45
91-94-1	3,3'-Dichlorobenzidine	170	U	990	170
56-55-3	Benzo[a]anthracene	480		49	3.4
218-01-9	Chrysene	640		490	57
117-81-7	Bis(2-ethylhexyl) phthalate	160	U	490	160
117-84-0	Di-n-octyl phthalate	31	U	490	31
205-99-2	Benzo[b]fluoranthene	770		49	3.1
207-08-9	Benzo[k]fluoranthene	290		49	3.7
50-32-8	Benzo[a]pyrene	480		49	3.5
193-39-5	Indeno[1,2,3-cd]pyrene	400		49	9.1
53-70-3	Dibenz(a,h)anthracene	59		49	6.2
191-24-2	Benzo[g,h,i]perylene	370	J	490	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- Lab Sample ID: 460-44767-1

Matrix: Solid Lab File ID: z12982.d

Analysis Method: 8270C Date Collected: 09/17/2012 09:30

Extract. Method: 3541 Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.03(g) Date Analyzed: 10/01/2012 05:10

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

Injection Volume: Level: (low/med) Low

% Moisture: 32.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	61		10-120
321-60-8	2-Fluorobiphenyl	81		40-109
367-12-4	2-Fluorophenol (Surr)	74		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	78		38-105
4165-62-2	Phenol-d5 (Surr)	82		41-118
1718-51-0	Terphenyl-d14 (Surr)	87		16-151

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

Lab Name:	TestAmerica Edison	Job No.:	460-44767-1
SDG No.:			
Client Sample ID:	SO-17338-091712-SED12-MM-	Lab Sample ID:	460-44767-1
Matrix:	Solid	Lab File ID:	z12982.d
Analysis Method:	8270C	Date Collected:	09/17/2012 09:30
Extract. Method:	3541	Date Extracted:	09/26/2012 03:36
Sample wt/vol:	15.03(g)	Date Analyzed:	10/01/2012 05:10
Con. Extract Vol.:	1(mL)	Dilution Factor:	1
Injection Volume:		Level: (low/med)	Low
% Moisture:	32.7	GPC Cleanup:(Y/N)	N
Analysis Batch No.:	130002	Units:	ug/Kg
Number TICs Found:	0	TIC Result Total:	0

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

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12982.d
Report Date: 01-Oct-2012 10:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12982.d
Lab Smp Id: 460-44767-A-1-E Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 05:10
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-1-E
Misc Info : 460-44767-A-1-E
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	32.68482	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.675)	1244015	73.6257	7300
$ 17 Phenol-d5 (SUR)	99	3.428	3.410	(0.911)	1643626	82.1647	8100
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	471145	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	767352	38.9185	3800
* 80 Naphthalene-d8	136	5.051	5.051	(1.000)	1780450	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1151972	40.6530	4000
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	795378	40.0000	
42 Acenaphthene	154	6.833	6.833	(1.004)	8666	0.40473	40(a)
43 Dibenzofuran	168	6.998	7.004	(1.029)	4817	0.16156	16(a)
47 Fluorene	166	7.339	7.339	(1.079)	6881	0.29390	29(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.575	7.575	(1.113)	140193	61.4272	6100
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	866054	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	133539	5.41143	530

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12982.d
Report Date: 01-Oct-2012 10:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	53 Anthracene	178	8.322	8.322	(1.009)	16947	0.67534	67(a)
	54 Carbazole	167	8.486	8.486	(1.028)	16681	0.83805	83(a)
	56 Fluoranthene	202	9.433	9.427	(1.143)	219081	11.4898	1100
	57 Pyrene	202	9.645	9.645	(0.886)	165670	10.2889	1000
$	78 Terphenyl-d14	244	9.822	9.816	(0.902)	426800	43.7413	4300
	59 Butylbenzylphthalate	149	10.316	10.316	(0.948)	11238	1.58517	160(a)
	61 Benzo(a)anthracene	228	10.874	10.874	(0.999)	45625	4.84051	480
*	81 Chrysene-d12	240	10.886	10.886	(1.000)	329139	40.0000	
	62 Chrysene	228	10.916	10.916	(1.003)	60758	6.52136	640
	65 Benzo(b)fluoranthene	252	12.157	12.157	(0.962)	62848	7.80773	770
	66 Benzo(k)fluoranthene	252	12.186	12.186	(0.964)	27333	2.89050	280(M)
	67 Benzo(a)pyrene	252	12.563	12.563	(0.994)	34018	4.90121	480
*	84 Perylene-d12	264	12.639	12.639	(1.000)	286915	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.107)	24152	3.99978	400
	69 Dibenz(a,h)anthracene	278	14.027	14.033	(1.110)	3774	0.59328	59
	70 Benzo(g,h,i)perylene	276	14.333	14.333	(1.134)	25043	3.71617	370(a)

QC Flag Legend

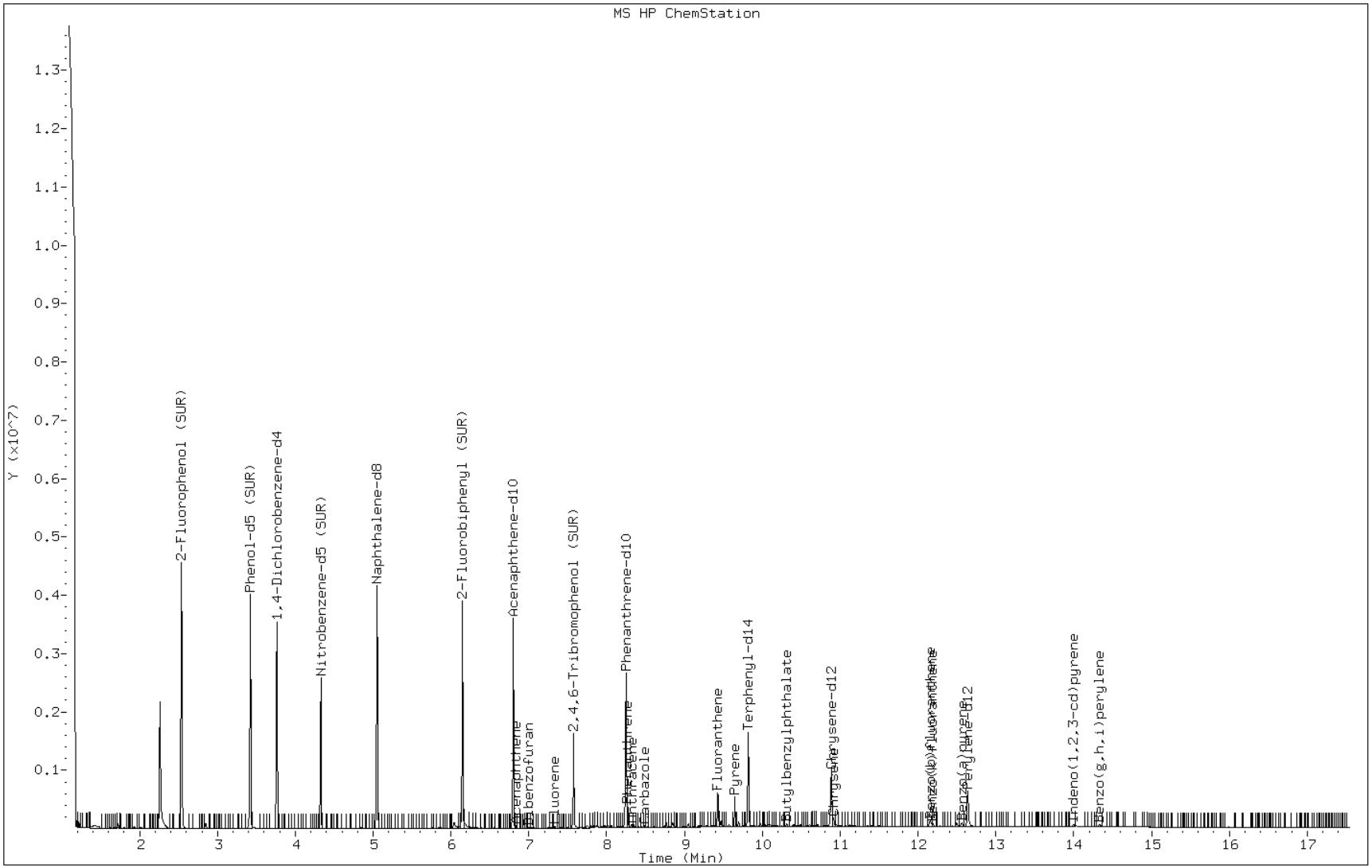
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4



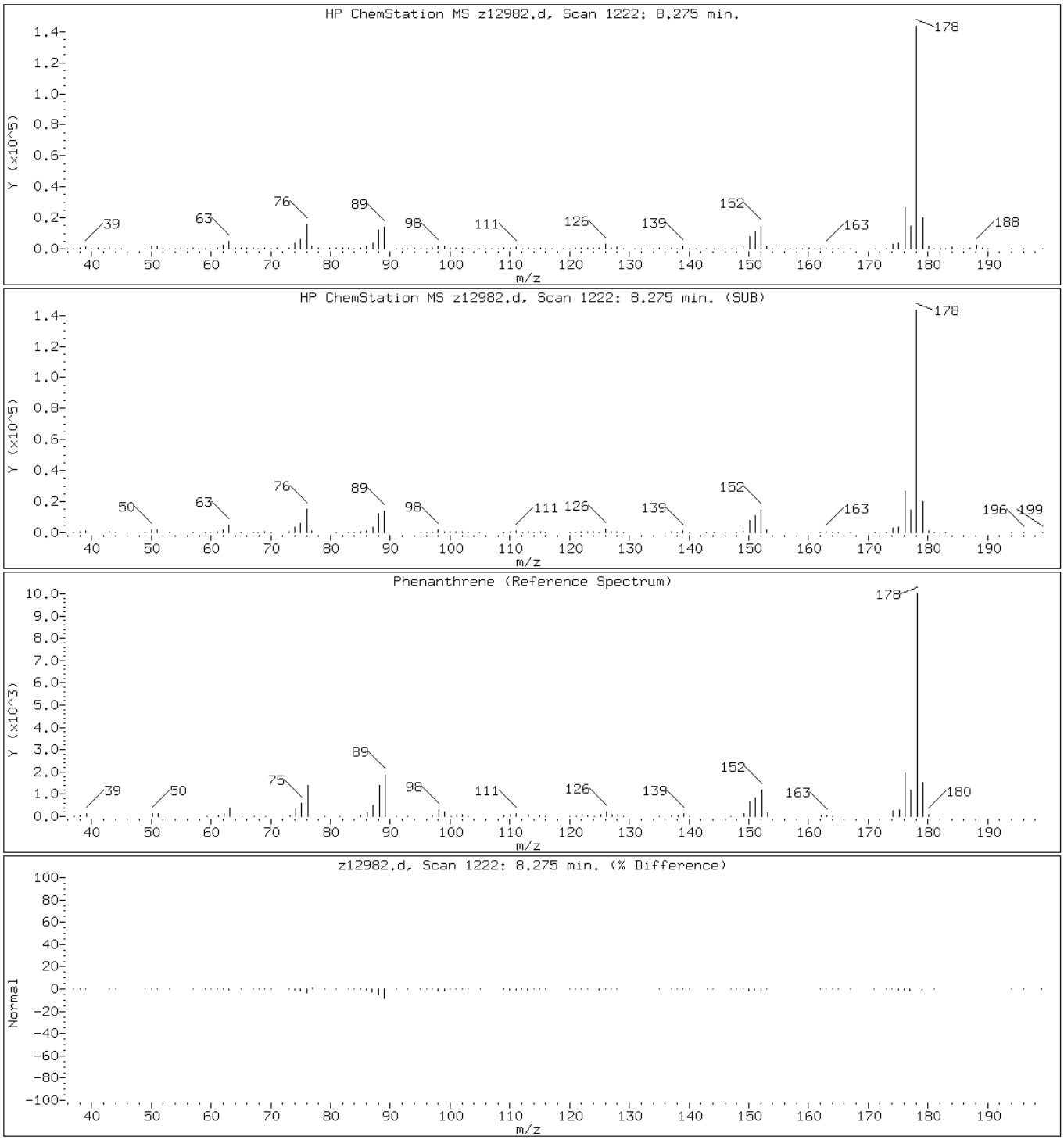
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

52 Phenanthrene



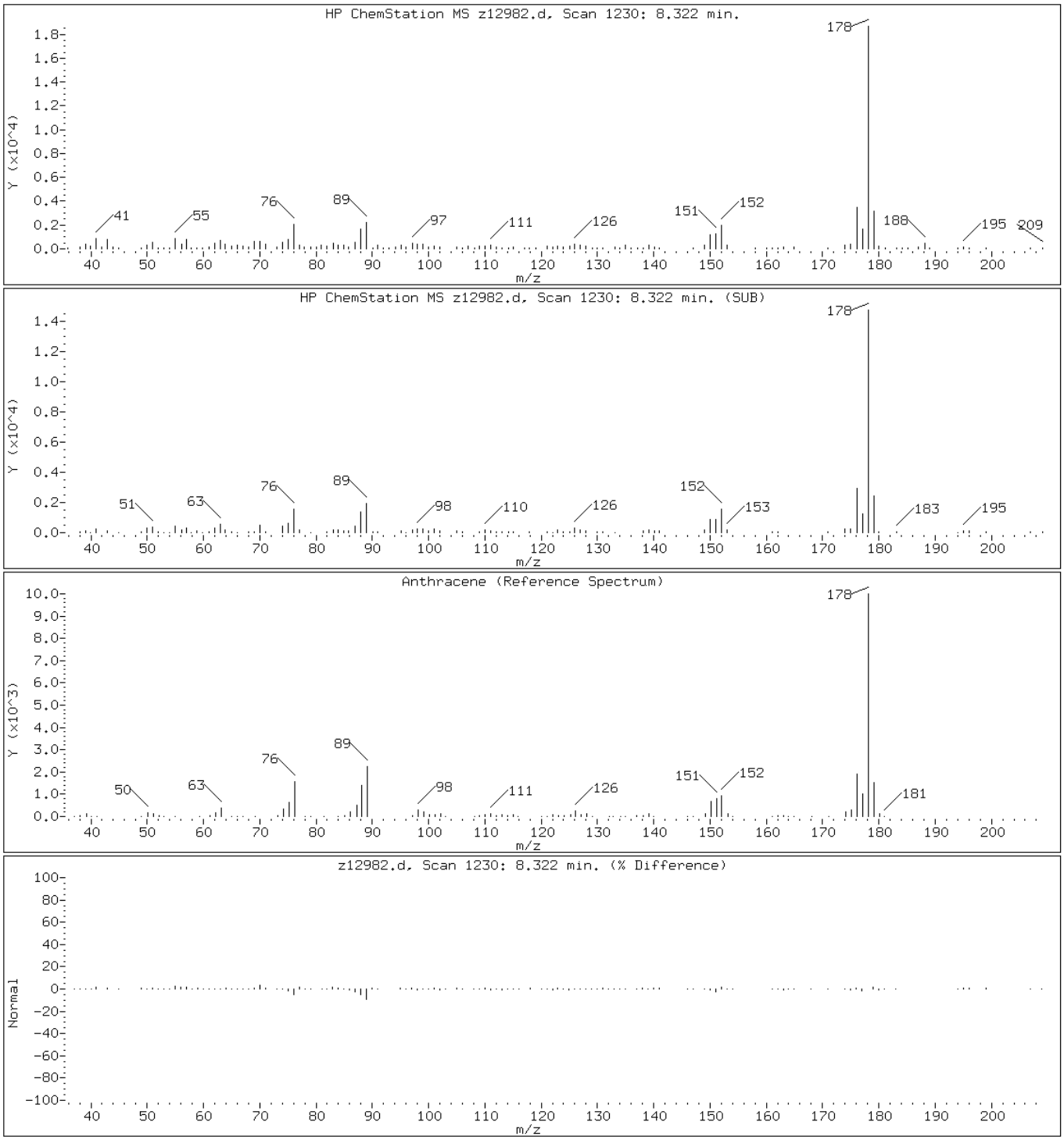
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Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

53 Anthracene



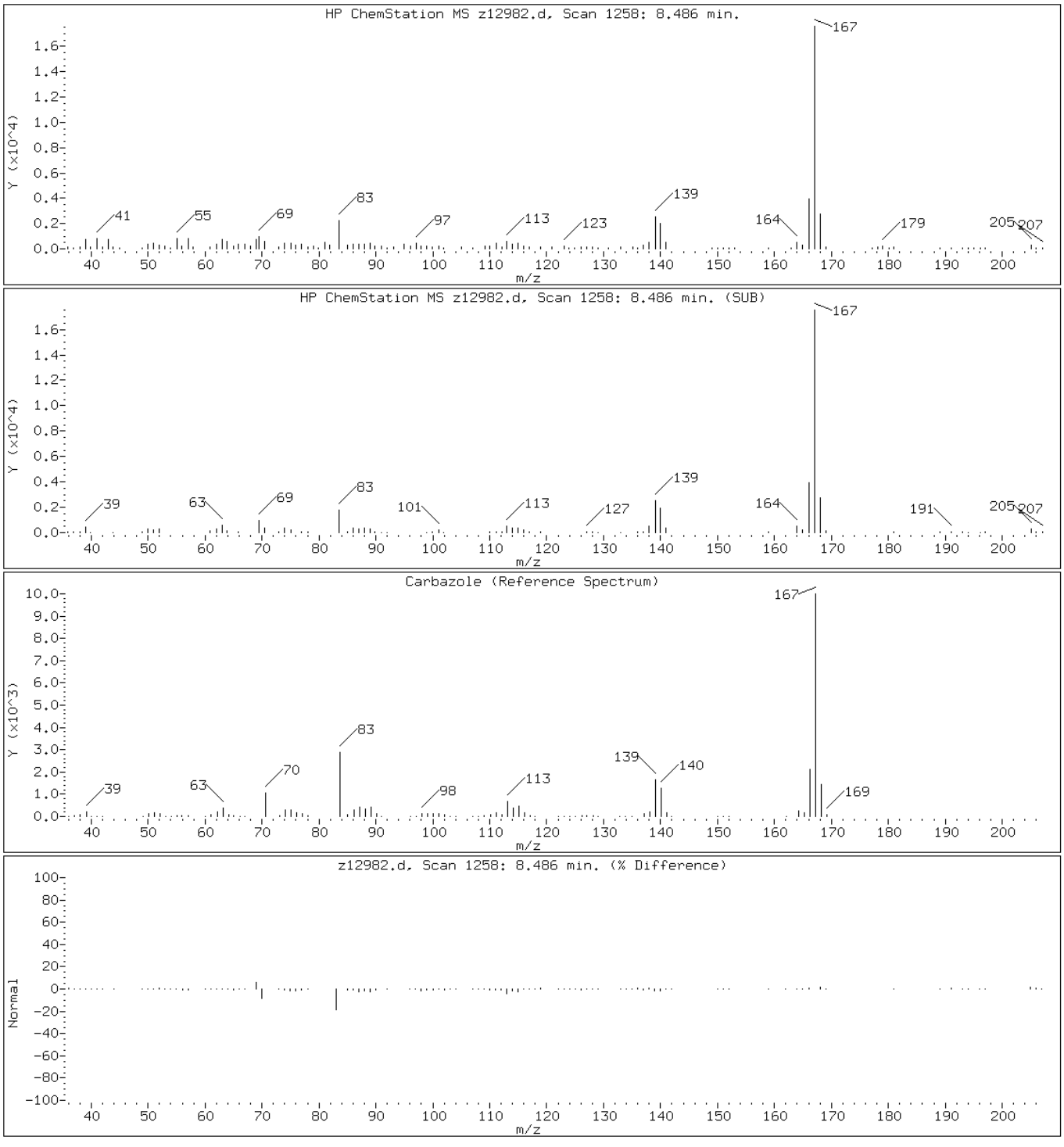
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Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

54 Carbazole



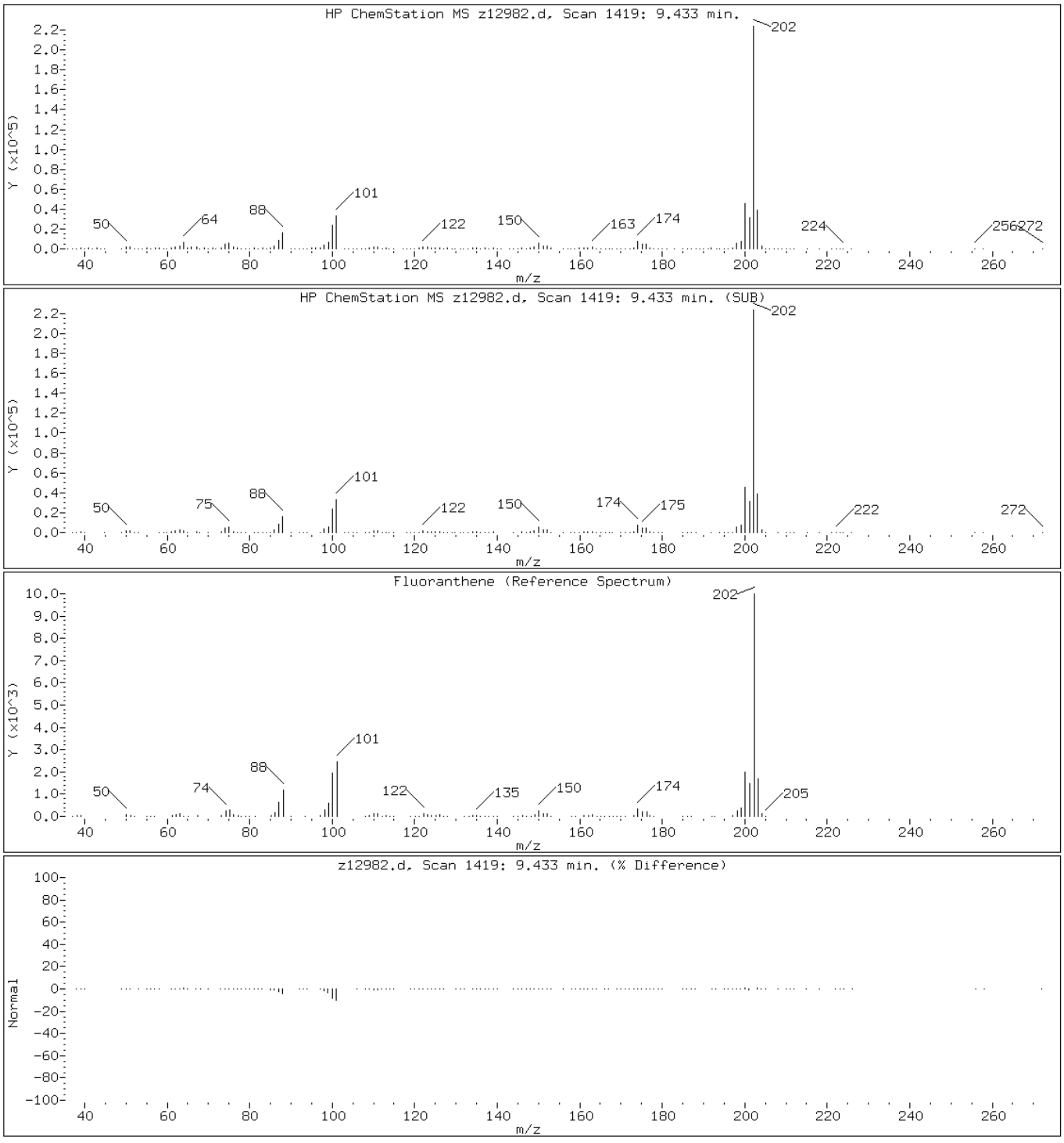
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Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

56 Fluoranthene



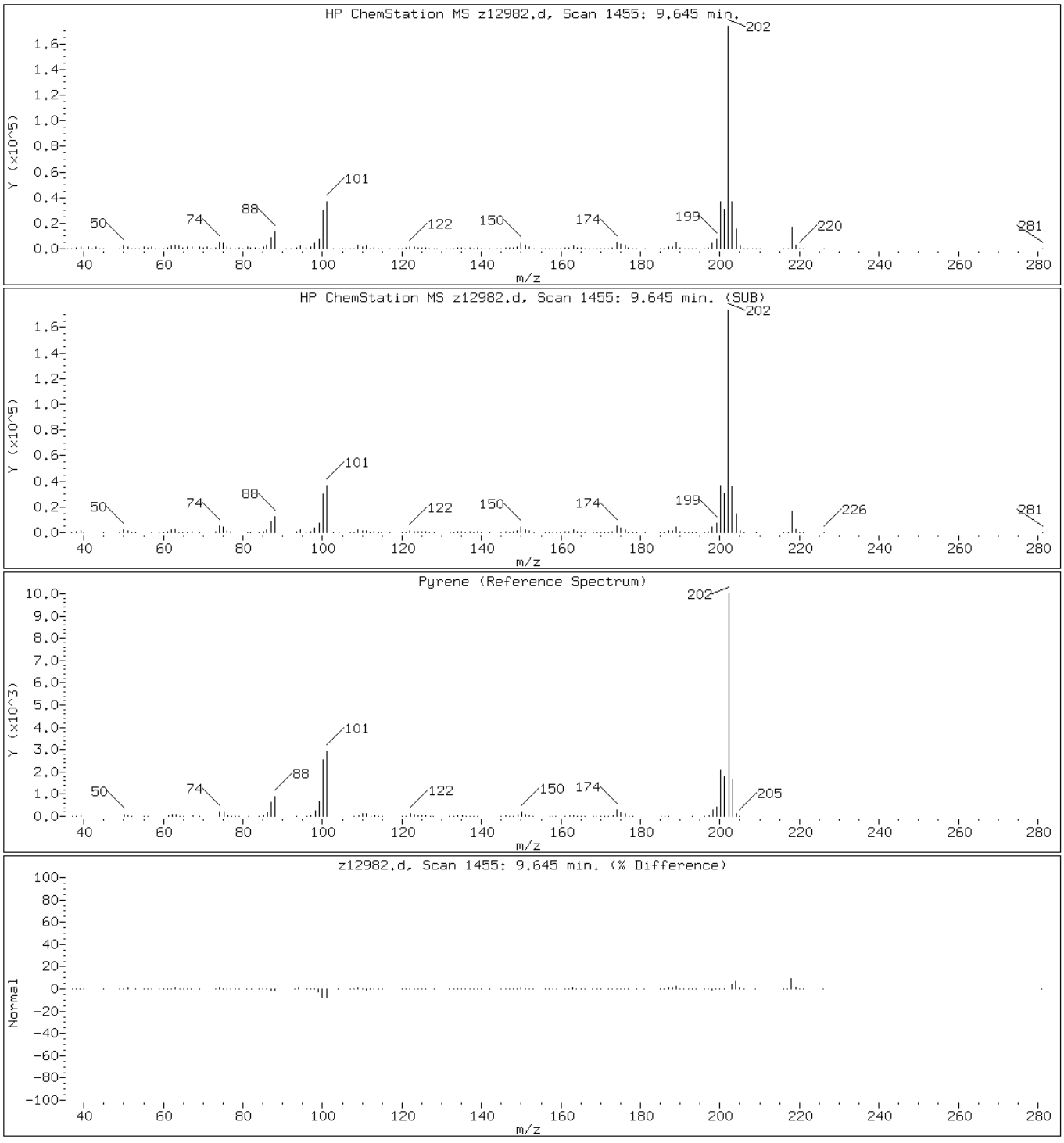
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

57 Pyrene



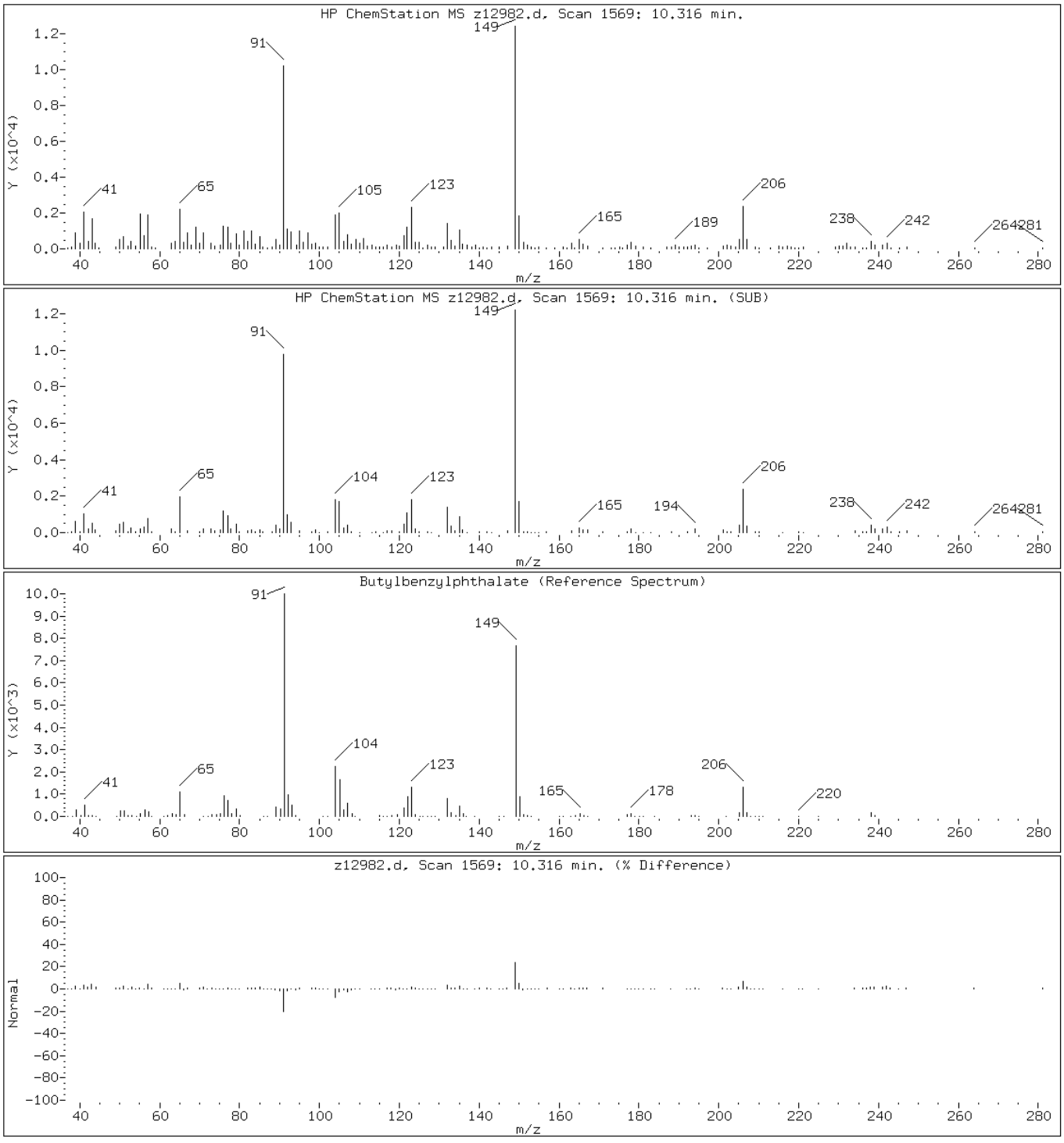
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

59 Butylbenzylphthalate



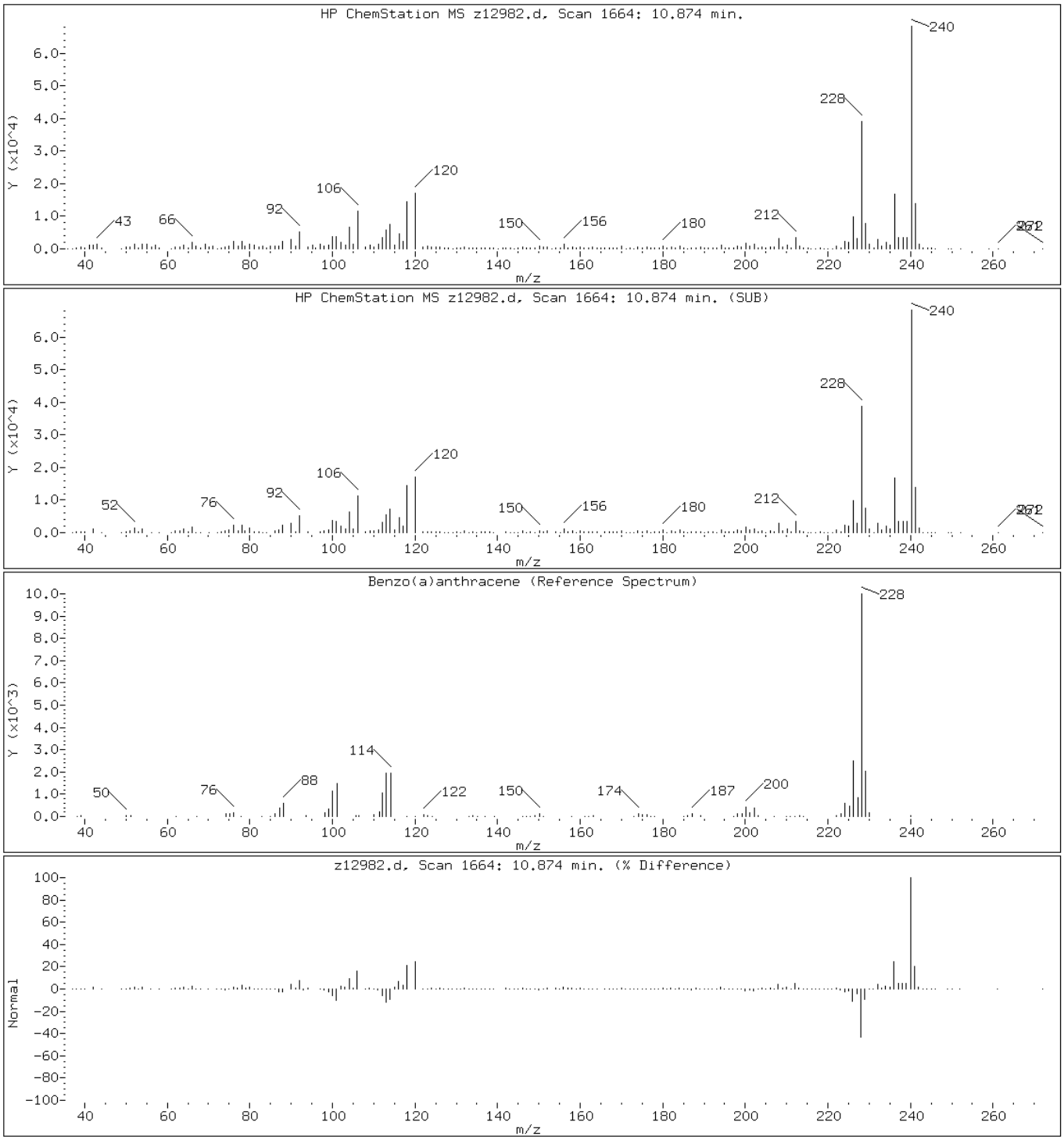
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

61 Benzo(a)anthracene



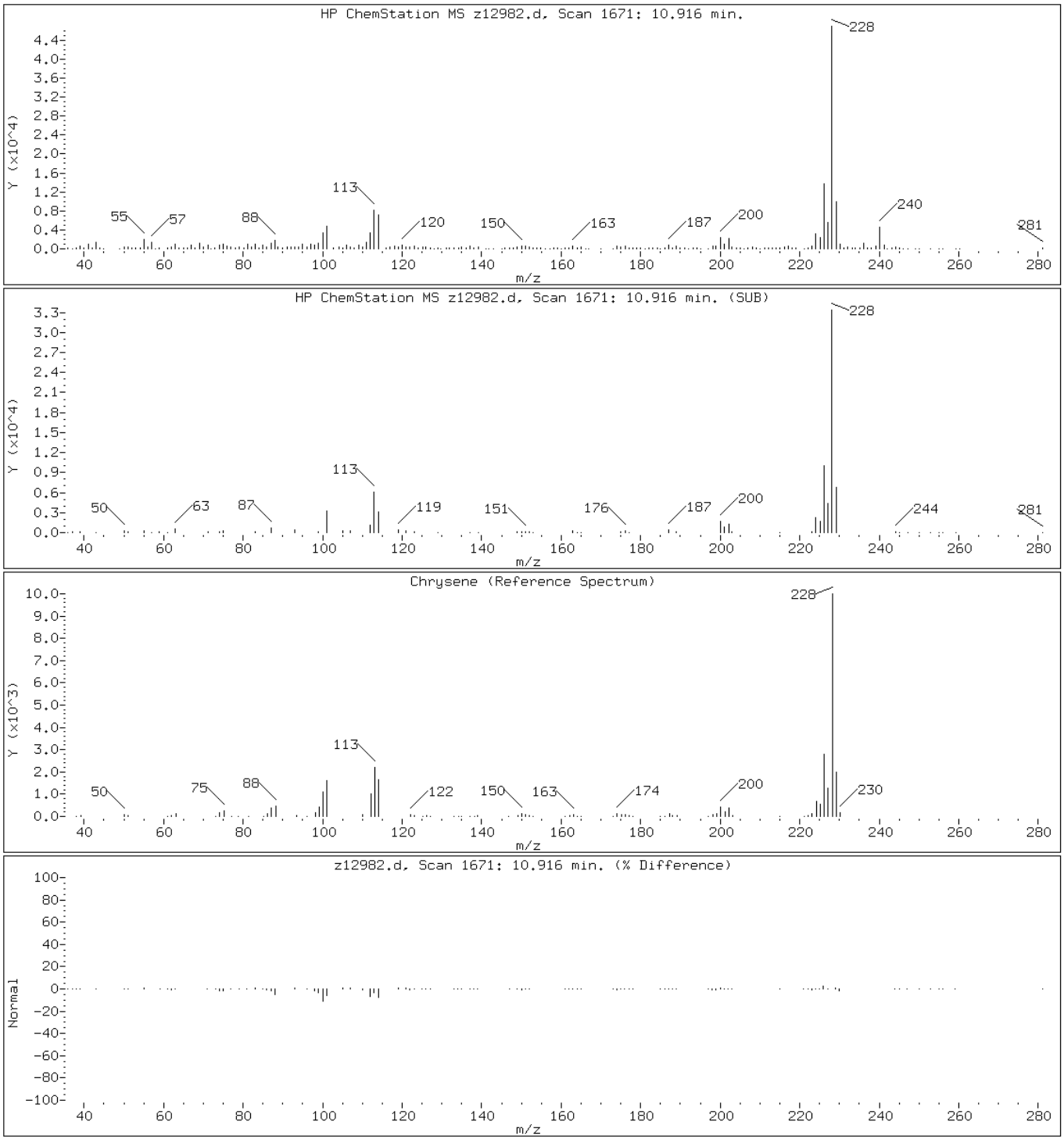
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Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

62 Chrysene



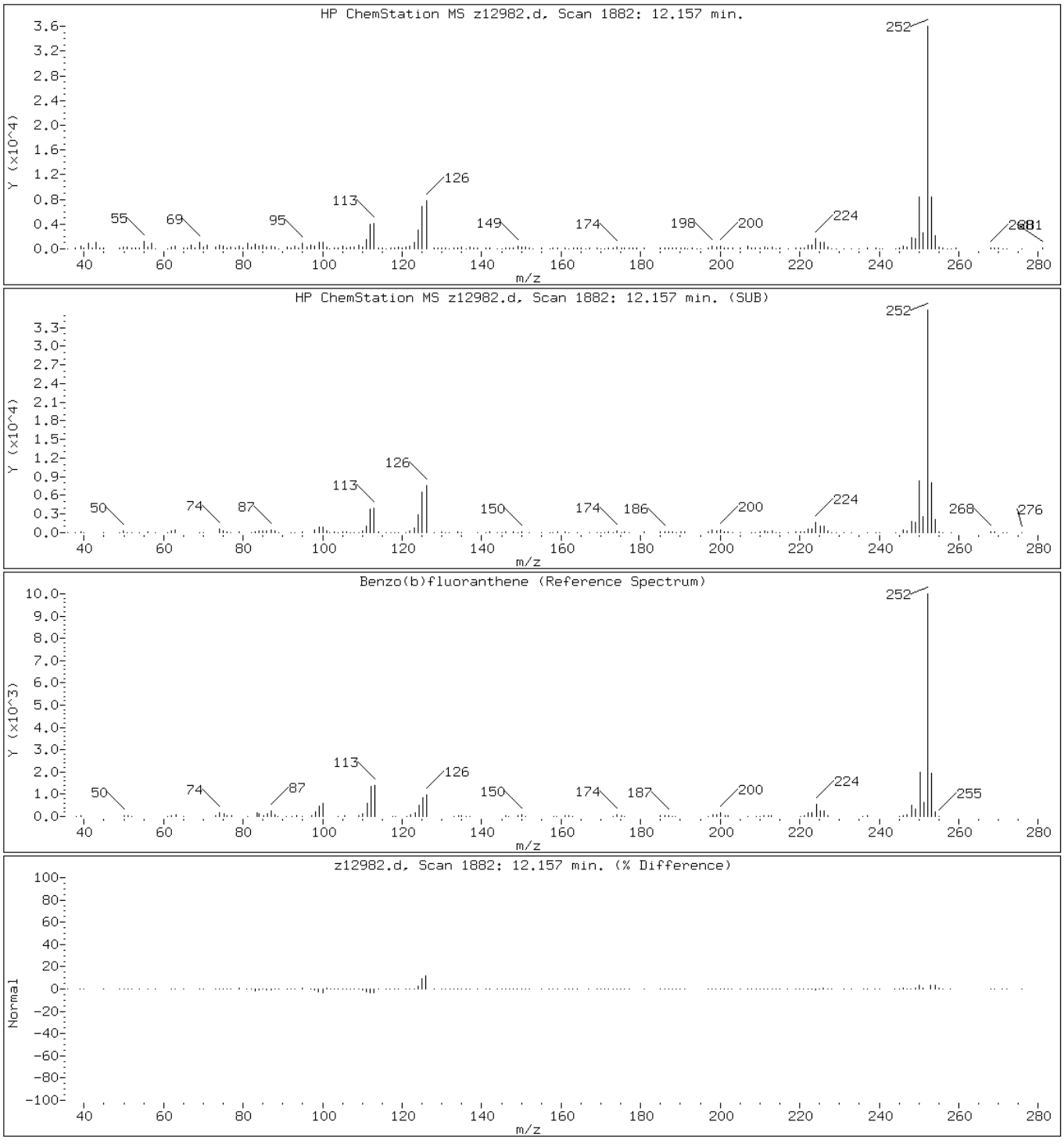
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Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

65 Benzo(b)fluoranthene



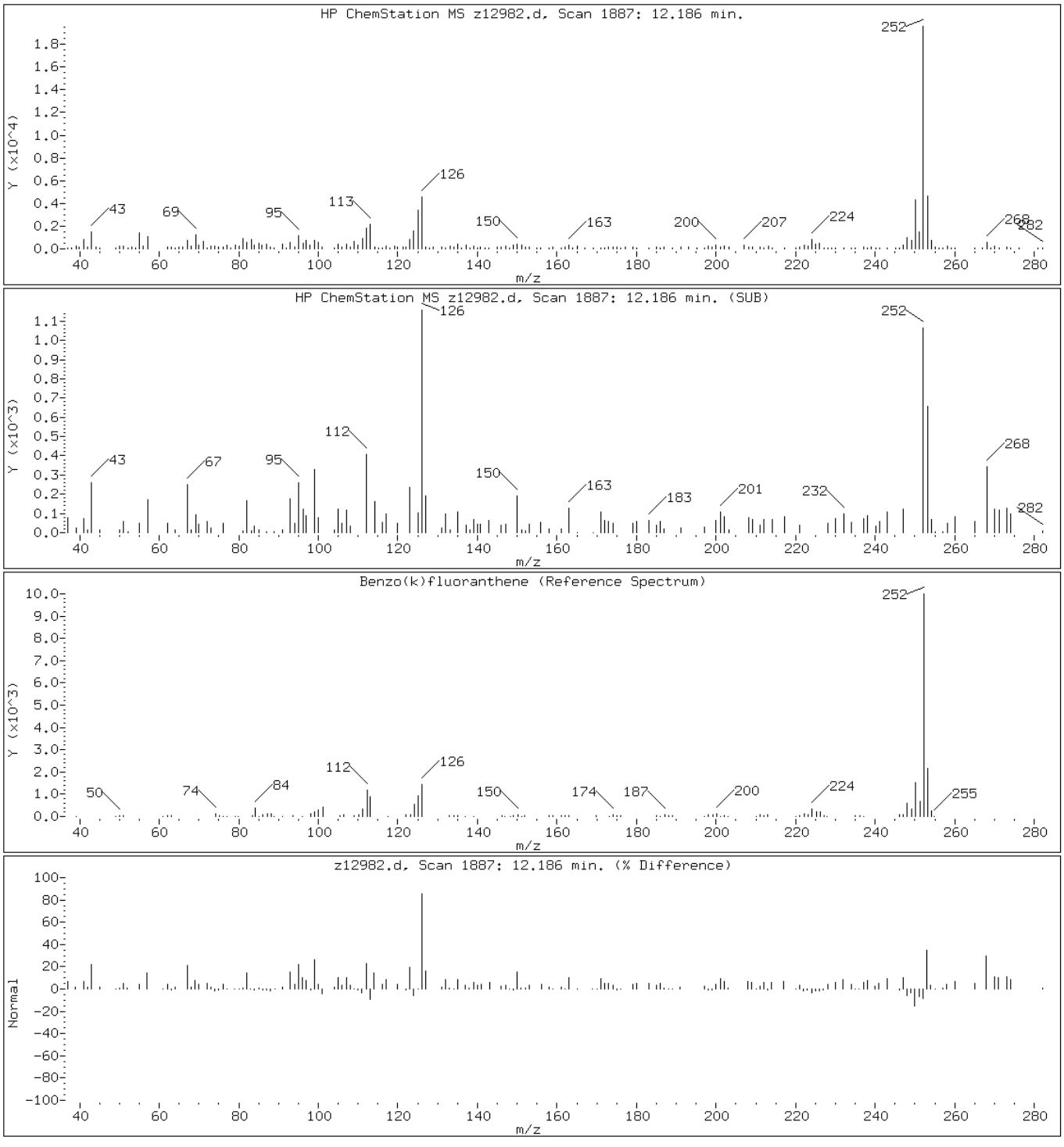
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

66 Benzo(k)fluoranthene



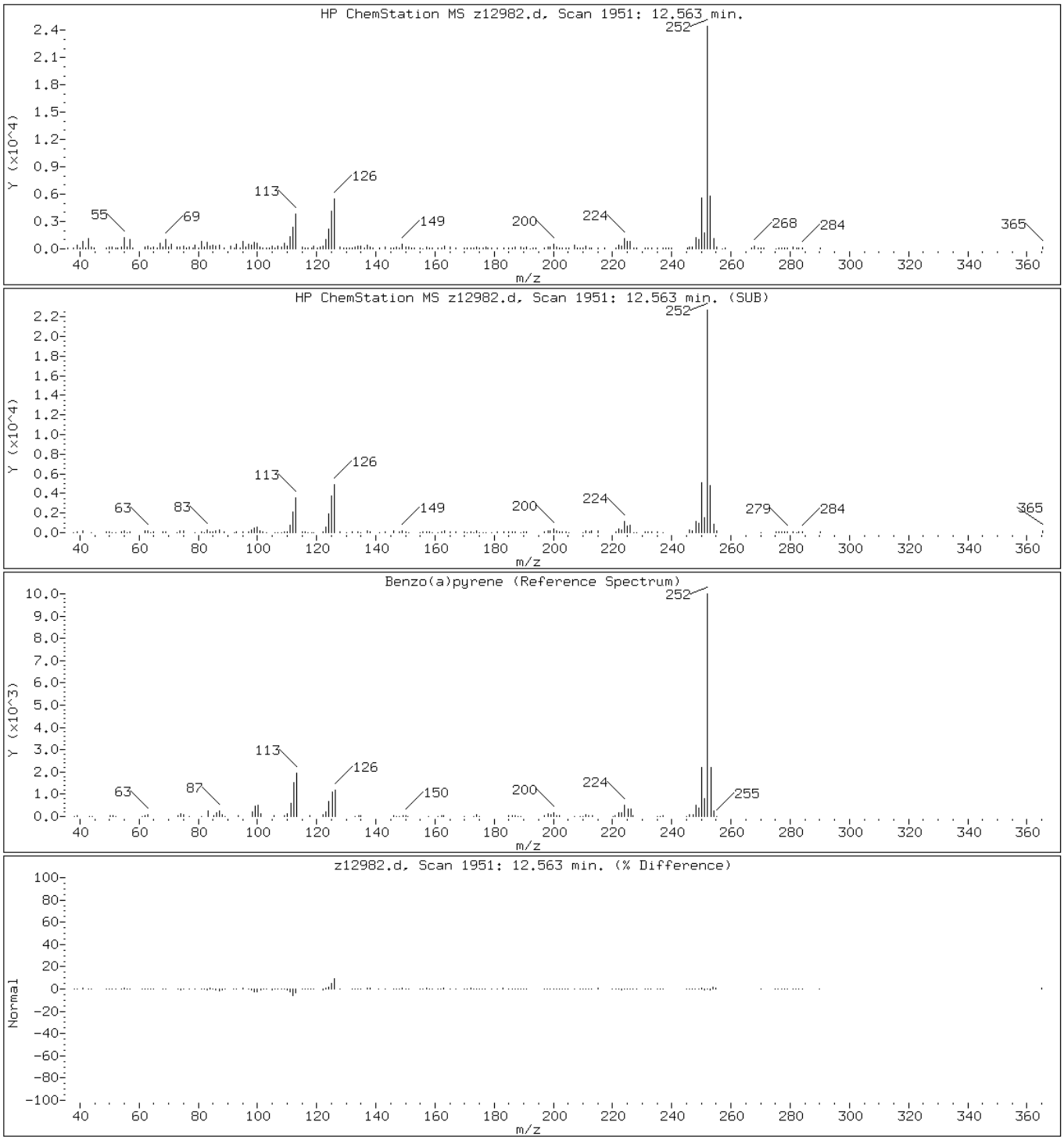
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

67 Benzo(a)pyrene



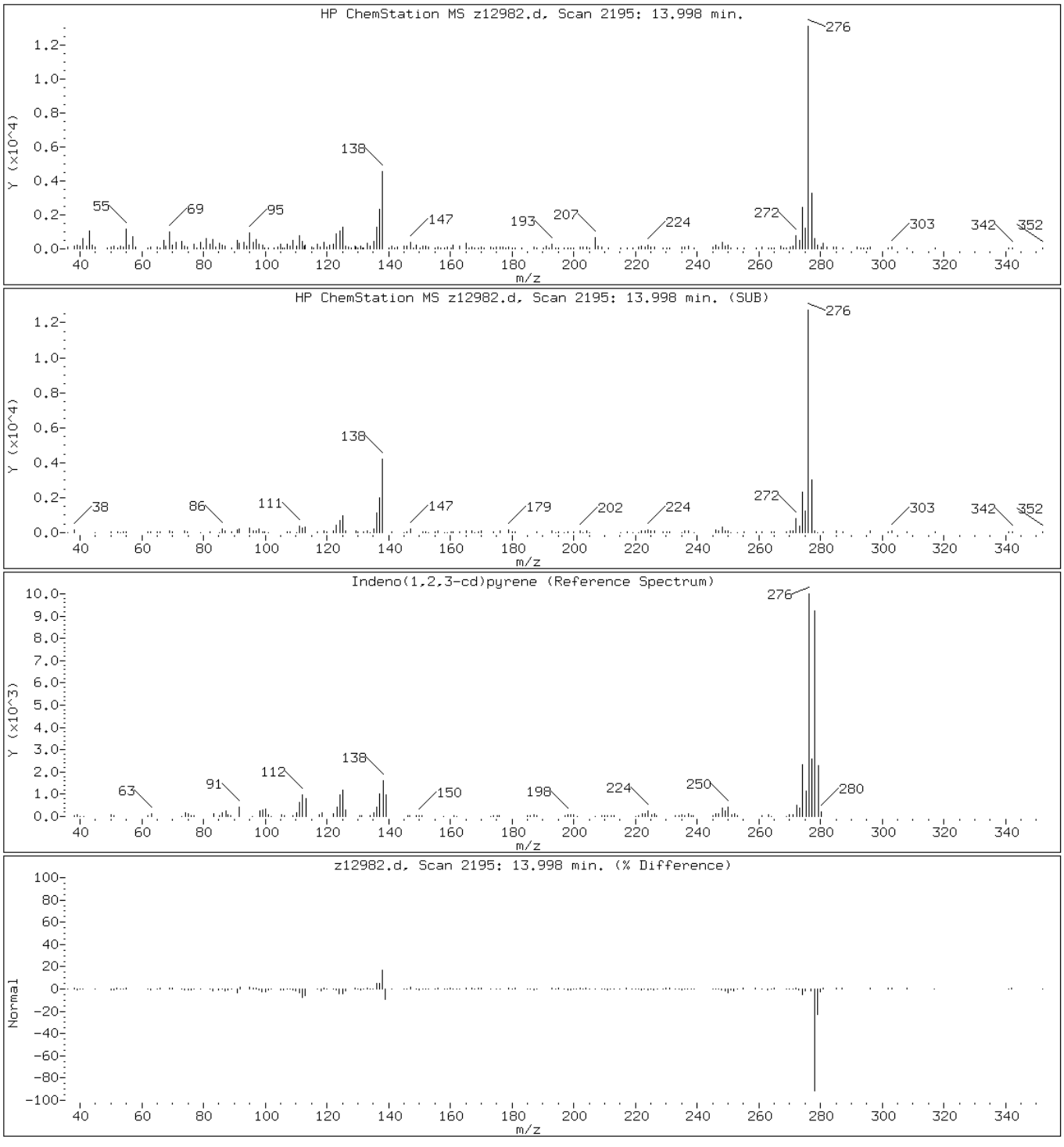
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



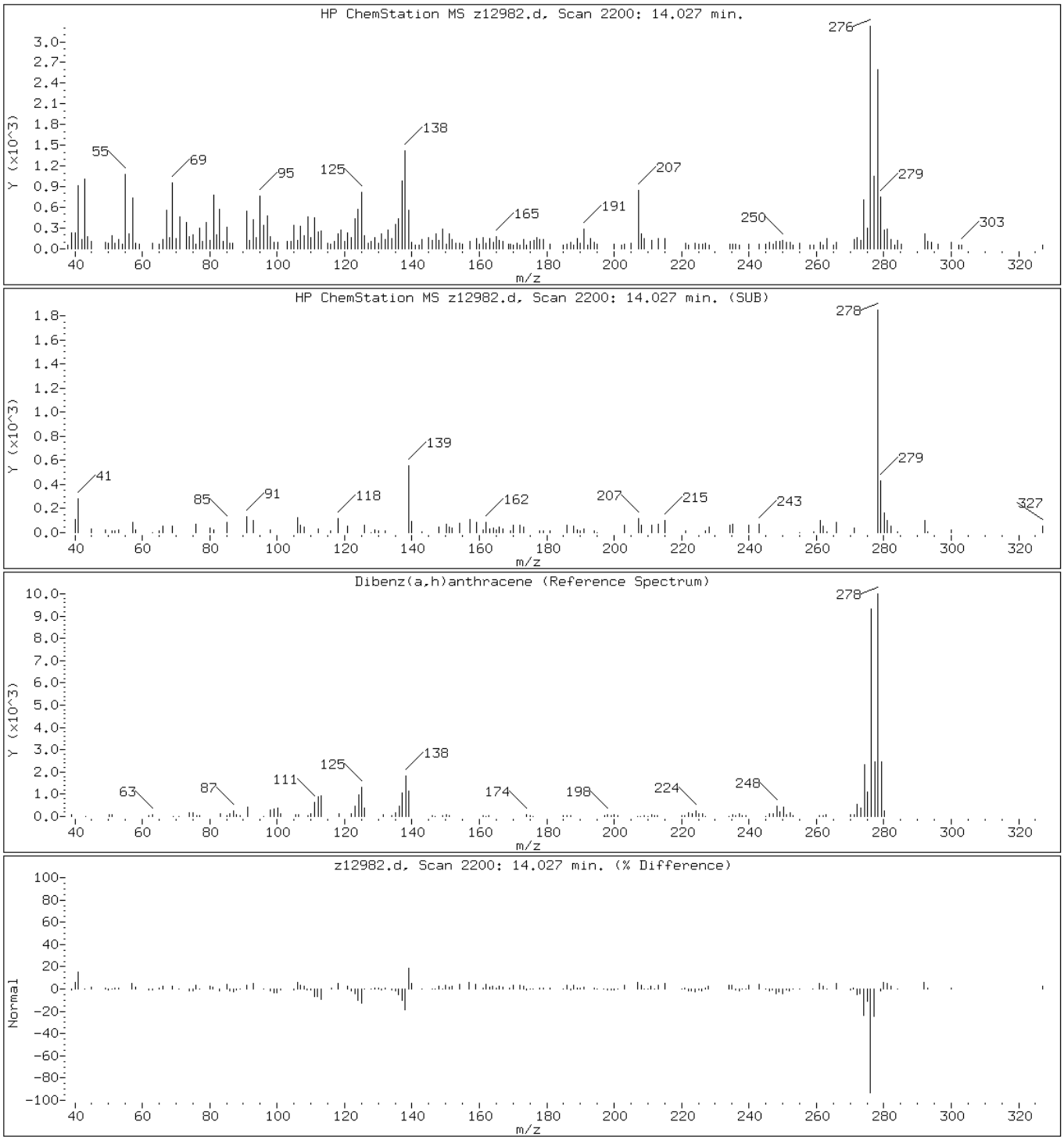
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

69 Dibenz(a,h)anthracene



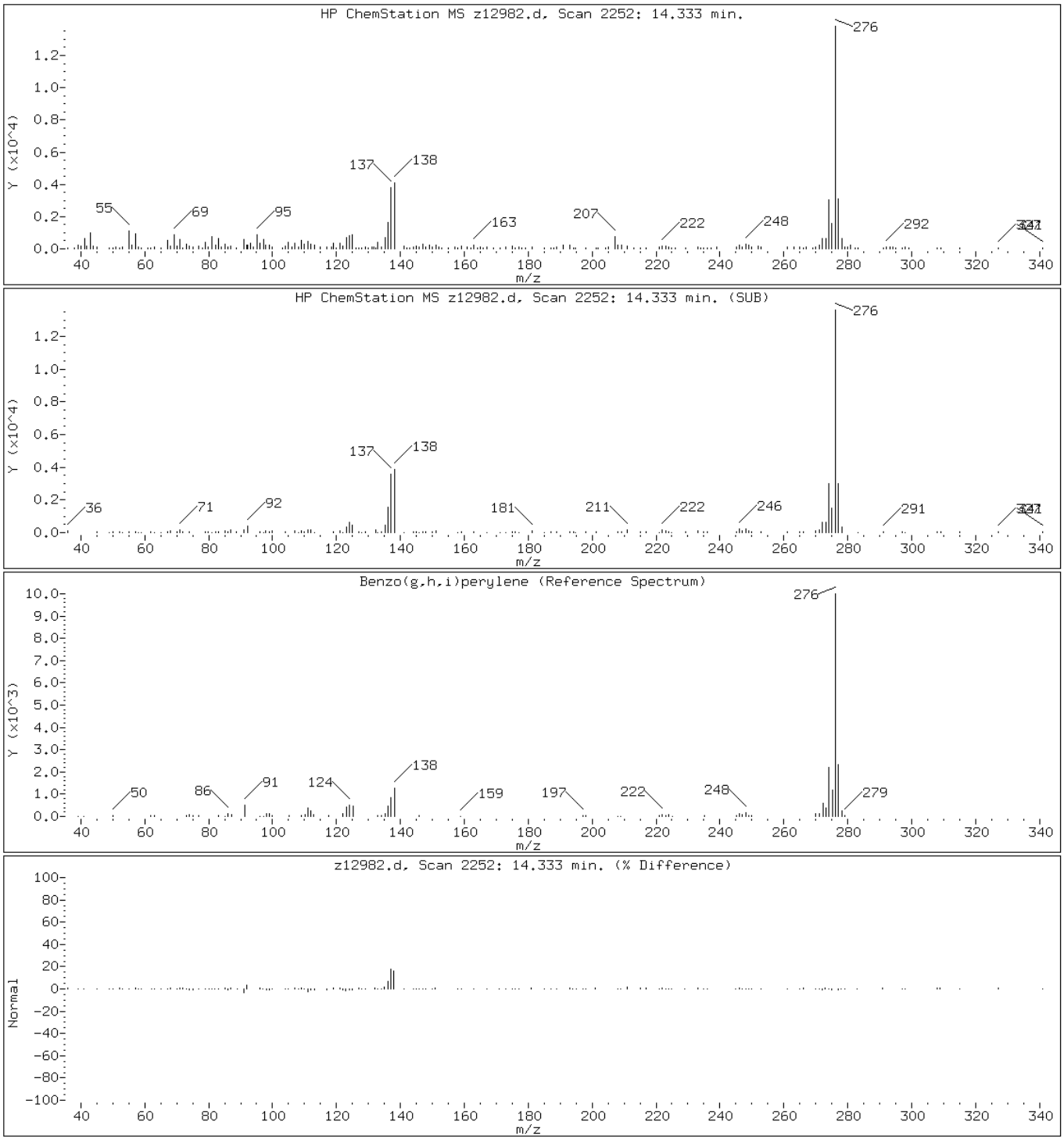
Data File: z12982.d

Date: 01-OCT-2012 05:10

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-E Operator: BNAMS 4

70 Benzo(g,h,i)perylene



Manual Integration Report

Data File: z12982.d
Inj. Date and Time: 01-OCT-2012 05:10
Instrument ID: BNAMS11.i
Client ID: SO-17338-091712-SED
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 10/01/2012

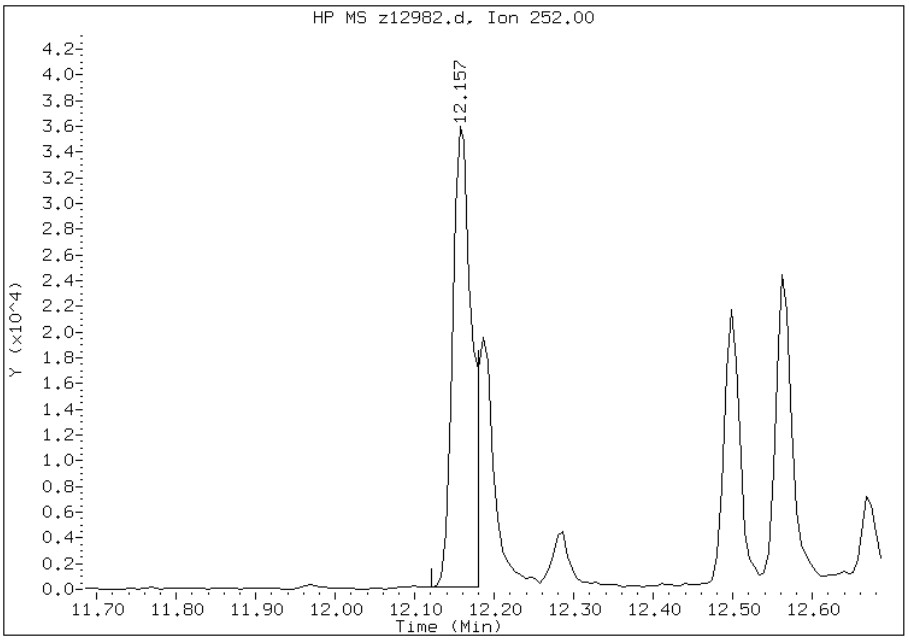
Processing Integration Results

RT: 12.16

Response: 62848

Amount: 7

Conc: 657



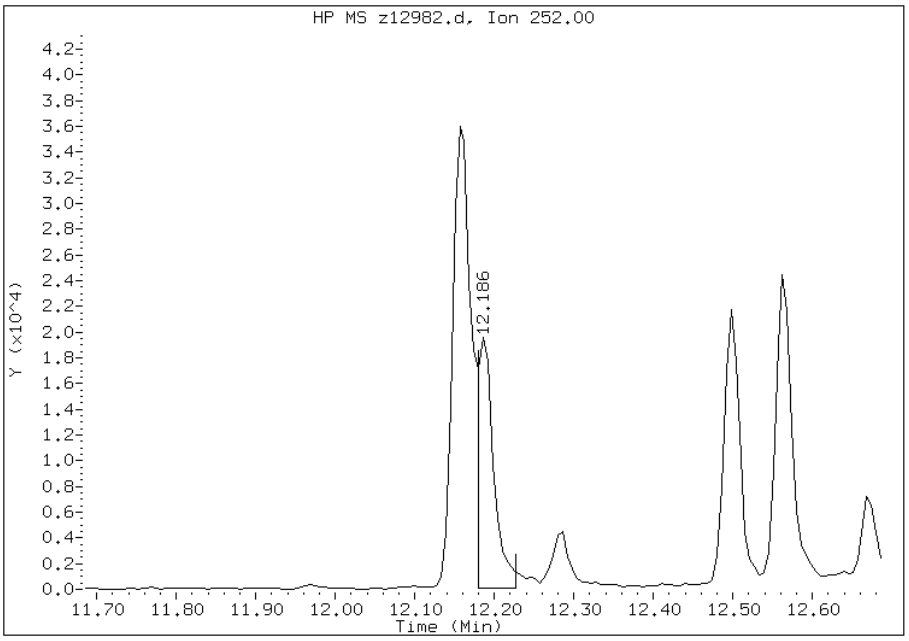
Manual Integration Results

RT: 12.19

Response: 27333

Amount: 3

Conc: 286



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED11-MM- | Lab Sample ID: 460-44767-2

Matrix: Solid | Lab File ID: z12979.d

Analysis Method: 8270C | Date Collected: 09/17/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 03:59

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

Injection Volume: | Level: (low/med) Low

% Moisture: 29.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	55	U	470	55
108-95-2	Phenol	63	U	470	63
111-44-4	Bis(2-chloroethyl)ether	6.4	U	47	6.4
95-57-8	2-Chlorophenol	62	U	470	62
95-48-7	2-Methylphenol	80	U	470	80
108-60-1	2,2'-oxybis[1-chloropropane]	52	U	470	52
98-86-2	Acetophenone	72	U	470	72
106-44-5	4-Methylphenol	93	U	470	93
621-64-7	N-Nitrosodi-n-propylamine	7.9	U	47	7.9
67-72-1	Hexachloroethane	5.2	U	47	5.2
98-95-3	Nitrobenzene	6.7	U	47	6.7
78-59-1	Isophorone	57	U	470	57
88-75-5	2-Nitrophenol	53	U	470	53
105-67-9	2,4-Dimethylphenol	120	U	470	120
111-91-1	Bis(2-chloroethoxy)methane	61	U	470	61
120-83-2	2,4-Dichlorophenol	69	U	470	69
91-20-3	Naphthalene	55	U	470	55
106-47-8	4-Chloroaniline	120	U	470	120
87-68-3	Hexachlorobutadiene	11	U	95	11
105-60-2	Caprolactam	110	U	470	110
59-50-7	4-Chloro-3-methylphenol	71	U	470	71
91-57-6	2-Methylnaphthalene	61	U	470	61
77-47-4	Hexachlorocyclopentadiene	55	U	470	55
88-06-2	2,4,6-Trichlorophenol	55	U	470	55
95-95-4	2,4,5-Trichlorophenol	61	U	470	61
92-52-4	1,1'-Biphenyl	63	U	470	63
91-58-7	2-Chloronaphthalene	53	U	470	53
88-74-4	2-Nitroaniline	200	U	950	200
131-11-3	Dimethyl phthalate	56	U	470	56
606-20-2	2,6-Dinitrotoluene	14	U	95	14
208-96-8	Acenaphthylene	56	U	470	56
99-09-2	3-Nitroaniline	170	U	950	170
83-32-9	Acenaphthene	69	U	470	69
51-28-5	2,4-Dinitrophenol	270	U	1400	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED11-MM- | Lab Sample ID: 460-44767-2

Matrix: Solid | Lab File ID: z12979.d

Analysis Method: 8270C | Date Collected: 09/17/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 03:59

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

Injection Volume: | Level: (low/med) Low

% Moisture: 29.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	300	U	1400	300
132-64-9	Dibenzofuran	55	U	470	55
121-14-2	2,4-Dinitrotoluene	16	U	95	16
84-66-2	Diethyl phthalate	56	U	470	56
86-73-7	Fluorene	60	U	470	60
7005-72-3	4-Chlorophenyl phenyl ether	55	U	470	55
100-01-6	4-Nitroaniline	150	U	950	150
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1400	130
86-30-6	N-Nitrosodiphenylamine	46	U	470	46
101-55-3	4-Bromophenyl phenyl ether	47	U	470	47
118-74-1	Hexachlorobenzene	6.4	U	47	6.4
1912-24-9	Atrazine	73	U	470	73
87-86-5	Pentachlorophenol	140	U	1400	140
85-01-8	Phenanthrene	82	J	470	60
120-12-7	Anthracene	57	U	470	57
86-74-8	Carbazole	56	U	470	56
84-74-2	Di-n-butyl phthalate	58	U	470	58
206-44-0	Fluoranthene	140	J	470	63
129-00-0	Pyrene	130	J	470	39
85-68-7	Butyl benzyl phthalate	43	U	470	43
91-94-1	3,3'-Dichlorobenzidine	170	U	950	170
56-55-3	Benzo[a]anthracene	60		47	3.3
218-01-9	Chrysene	70	J	470	55
117-81-7	Bis(2-ethylhexyl) phthalate	160	U	470	160
117-84-0	Di-n-octyl phthalate	30	U	470	30
205-99-2	Benzo[b]fluoranthene	71		47	3.0
207-08-9	Benzo[k]fluoranthene	25	J	47	3.6
50-32-8	Benzo[a]pyrene	42	J	47	3.3
193-39-5	Indeno[1,2,3-cd]pyrene	23	J	47	8.8
53-70-3	Dibenz(a,h)anthracene	5.9	U	47	5.9
191-24-2	Benzo[g,h,i]perylene	35	U	470	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED11-MM- | Lab Sample ID: 460-44767-2

Matrix: Solid | Lab File ID: z12979.d

Analysis Method: 8270C | Date Collected: 09/17/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 03:59

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

Injection Volume: | Level: (low/med) Low

% Moisture: 29.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		10-120
321-60-8	2-Fluorobiphenyl	86		40-109
367-12-4	2-Fluorophenol (Surr)	83		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	87		38-105
4165-62-2	Phenol-d5 (Surr)	93		41-118
1718-51-0	Terphenyl-d14 (Surr)	102		16-151

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

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED11-MM- | Lab Sample ID: 460-44767-2

Matrix: Solid | Lab File ID: z12979.d

Analysis Method: 8270C | Date Collected: 09/17/2012 10:45

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 03:59

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

Injection Volume: | Level: (low/med) Low

% Moisture: 29.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12979.d
Report Date: 01-Oct-2012 13:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12979.d
Lab Smp Id: 460-44767-A-2-C Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 03:59
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-2-C
Misc Info : 460-44767-A-2-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	29.78304	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.675)	1525796	83.0807	7900
$ 17 Phenol-d5 (SUR)	99	3.428	3.410	(0.911)	2020340	92.9195	8800
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	512100	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	949865	43.6233	4100
* 80 Naphthalene-d8	136	5.051	5.051	(1.000)	1966230	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1477556	43.2417	4100
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	959104	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.580	7.575	(1.114)	228445	83.0088	7900
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1145556	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	28205	0.86409	82(aH)
53 Anthracene	178	8.322	8.322	(1.009)	5245	0.15802	15(a)
56 Fluoranthene	202	9.427	9.427	(1.143)	37885	1.50212	140(a)
57 Pyrene	202	9.645	9.645	(0.886)	28744	1.35078	130(a)

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12979.d
Report Date: 01-Oct-2012 13:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	78 Terphenyl-d14	244	9.822	9.816	(0.902)	657415	50.9823	4800
	61 Benzo(a)anthracene	228	10.874	10.874	(0.999)	7889	0.63332	60(H)
*	81 Chrysene-d12	240	10.886	10.886	(1.000)	434978	40.0000	
	62 Chrysene	228	10.916	10.916	(1.003)	9024	0.73290	70(a)
	65 Benzo(b)fluoranthene	252	12.157	12.157	(0.962)	6877	0.74953	71(M)
	66 Benzo(k)fluoranthene	252	12.186	12.186	(0.964)	2844	0.26386	25(aMH)
	67 Benzo(a)pyrene	252	12.563	12.563	(0.994)	3474	0.43912	42(a)
*	84 Perylene-d12	264	12.639	12.639	(1.000)	327038	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.992	13.998	(1.107)	1674	0.24322	23(a)
	70 Benzo(g,h,i)perylene	276	14.339	14.333	(1.134)	2106	0.27417	26(a)

QC Flag Legend

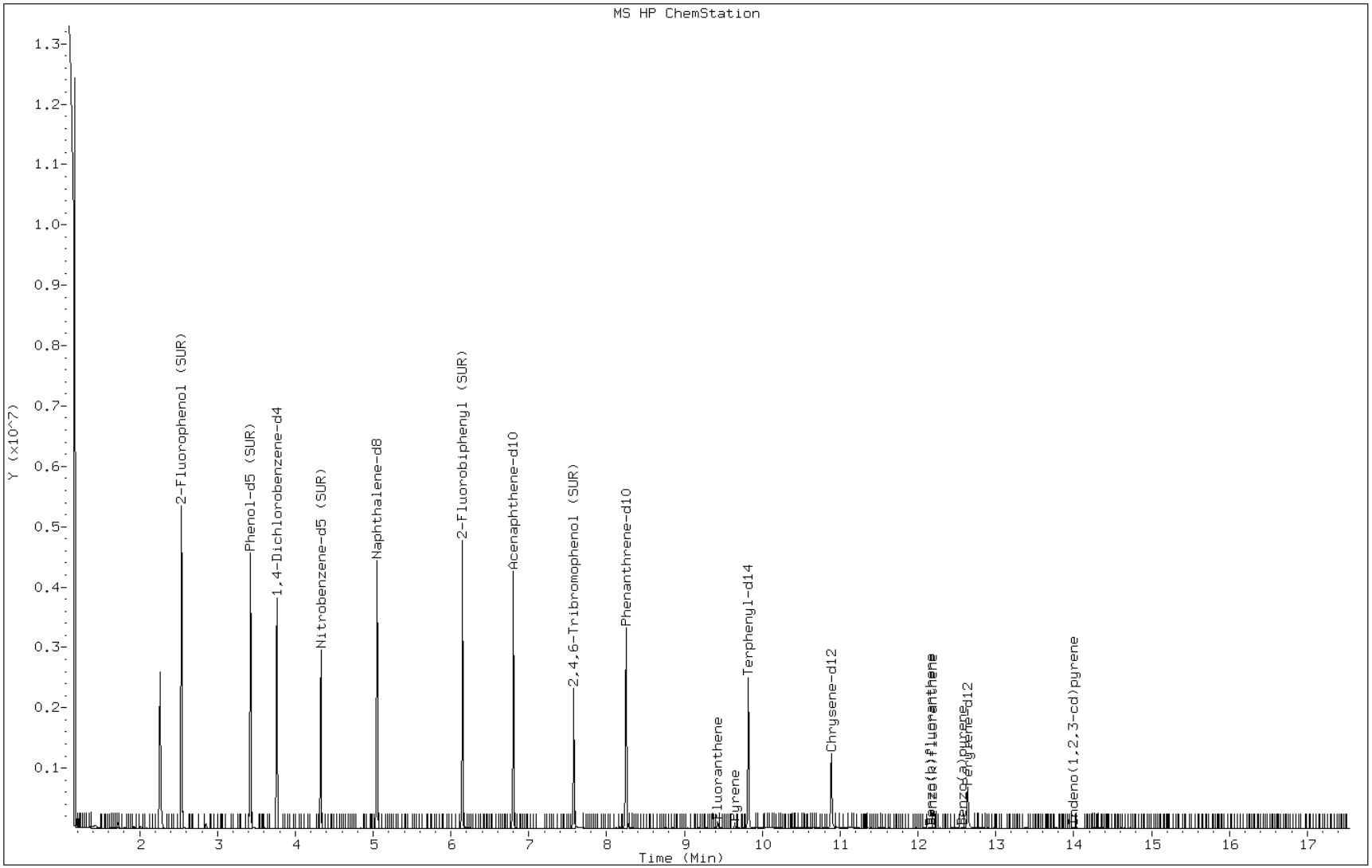
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4



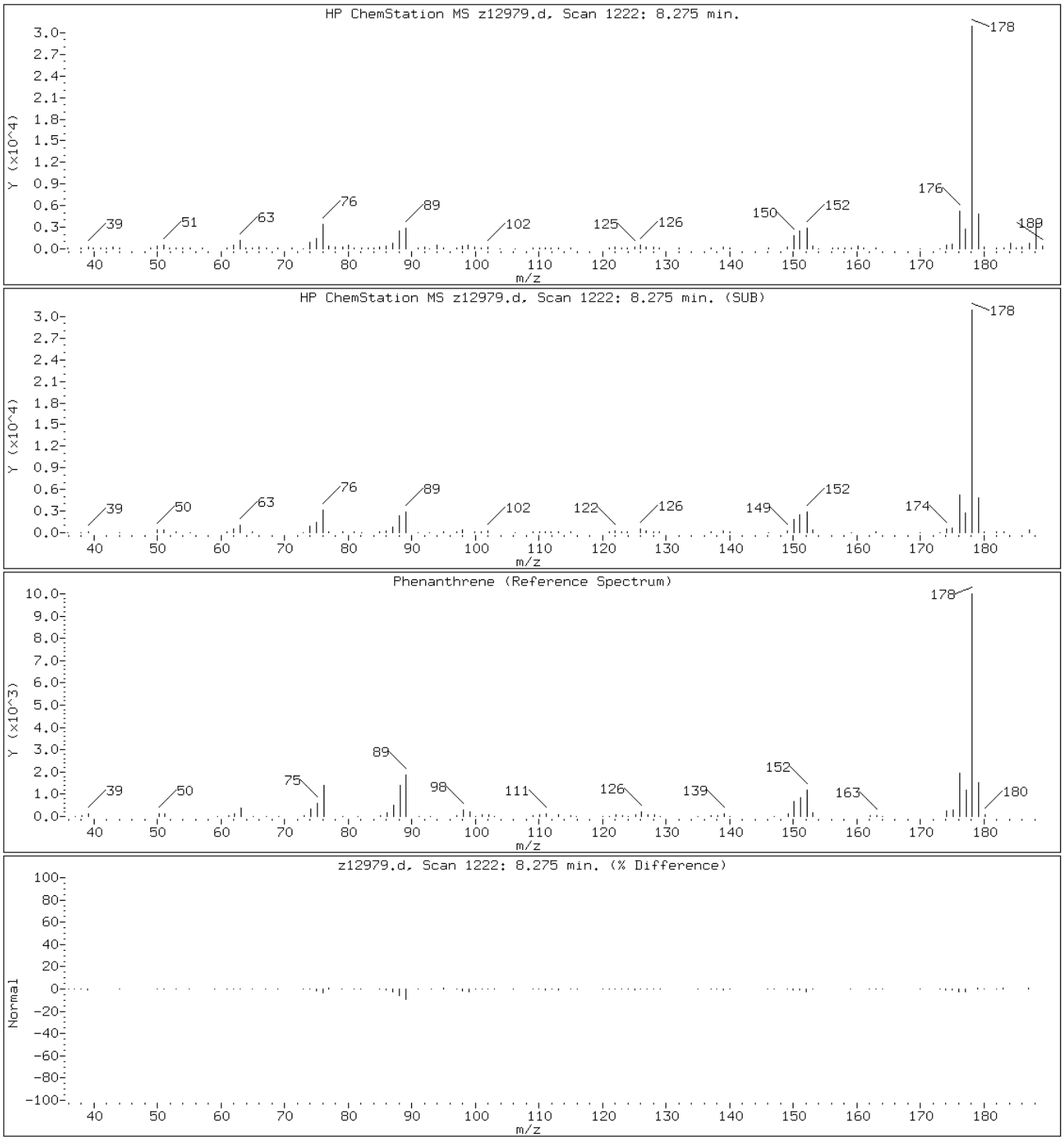
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

52 Phenanthrene



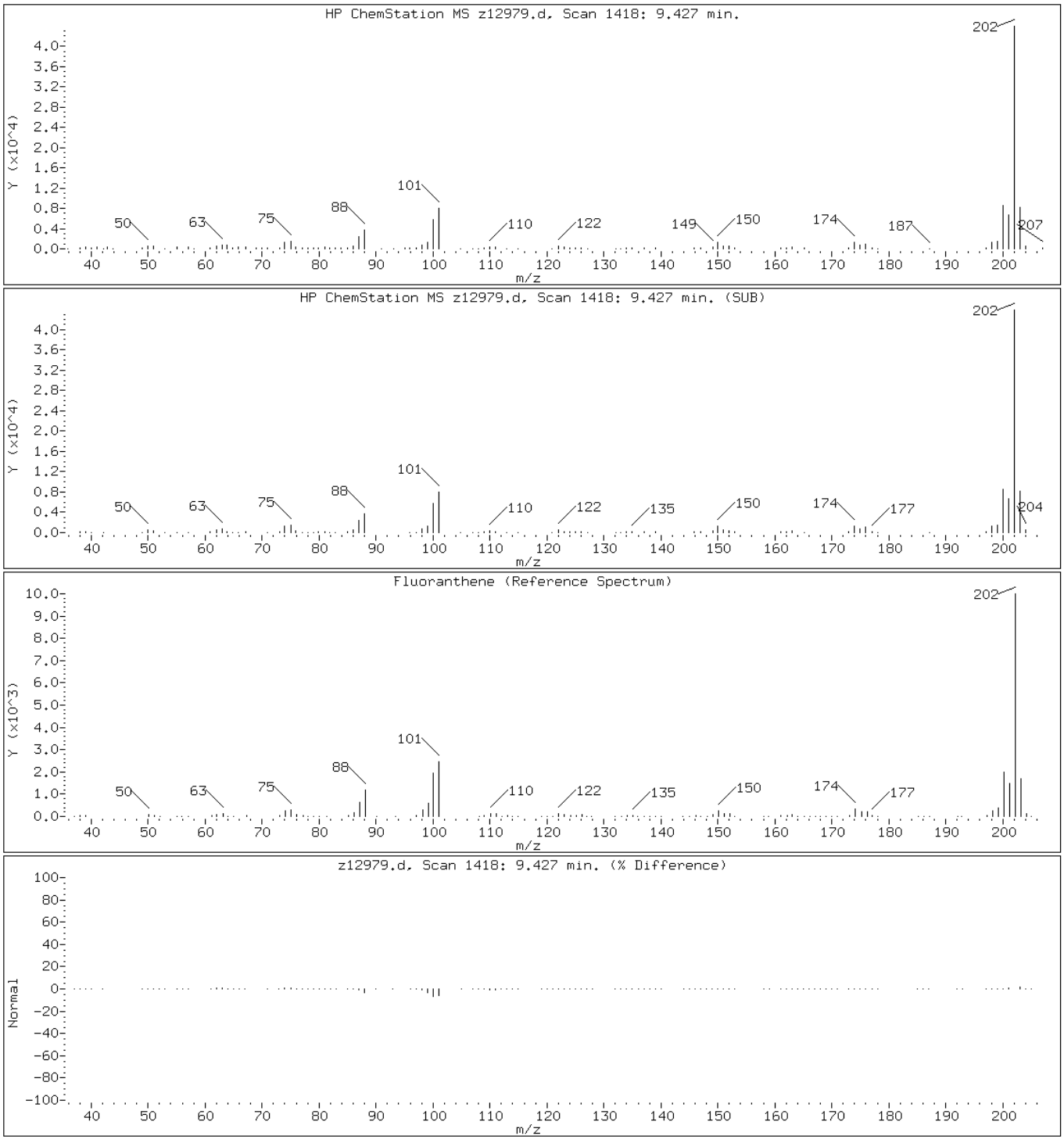
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

56 Fluoranthene



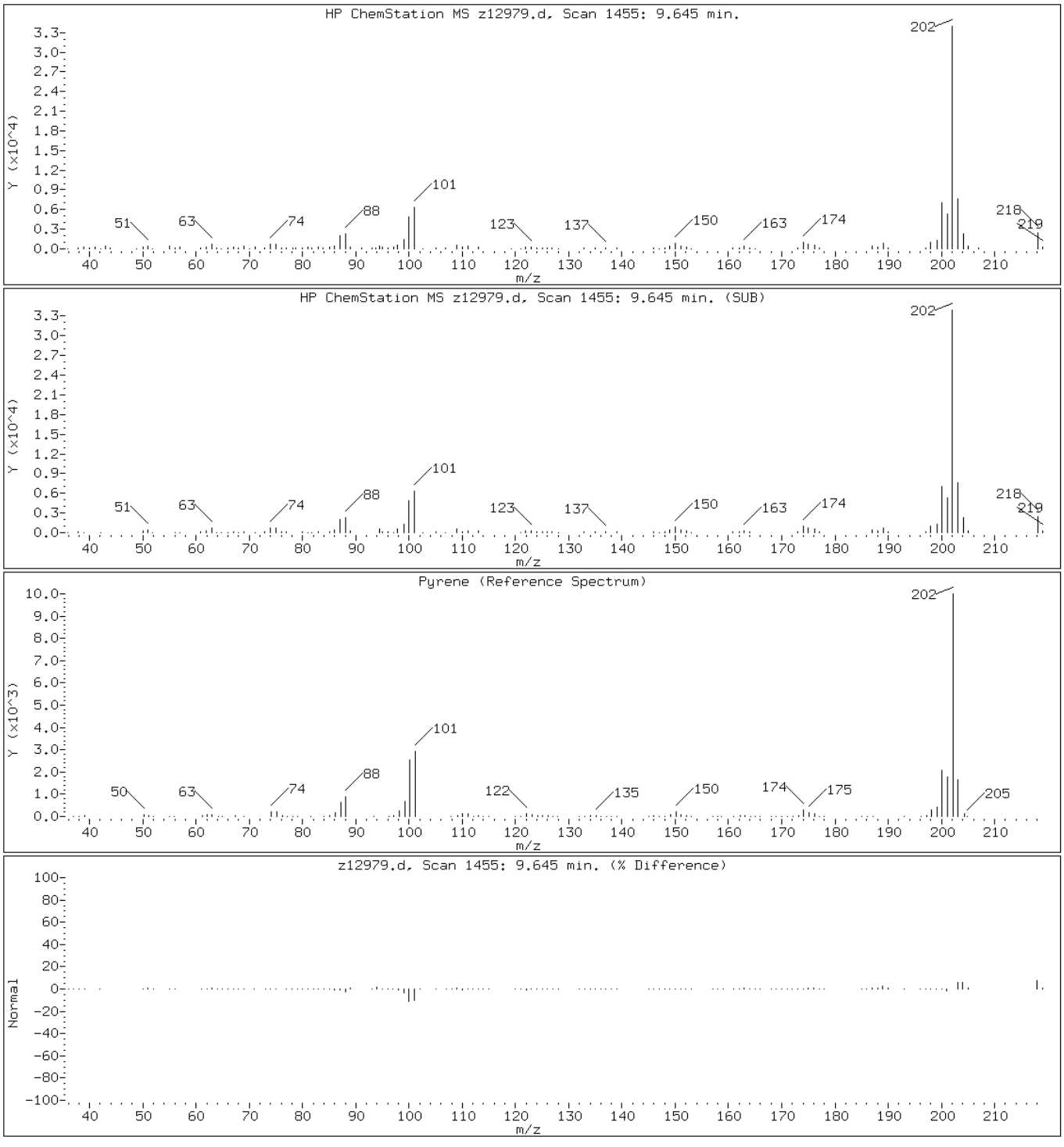
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Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

57 Pyrene



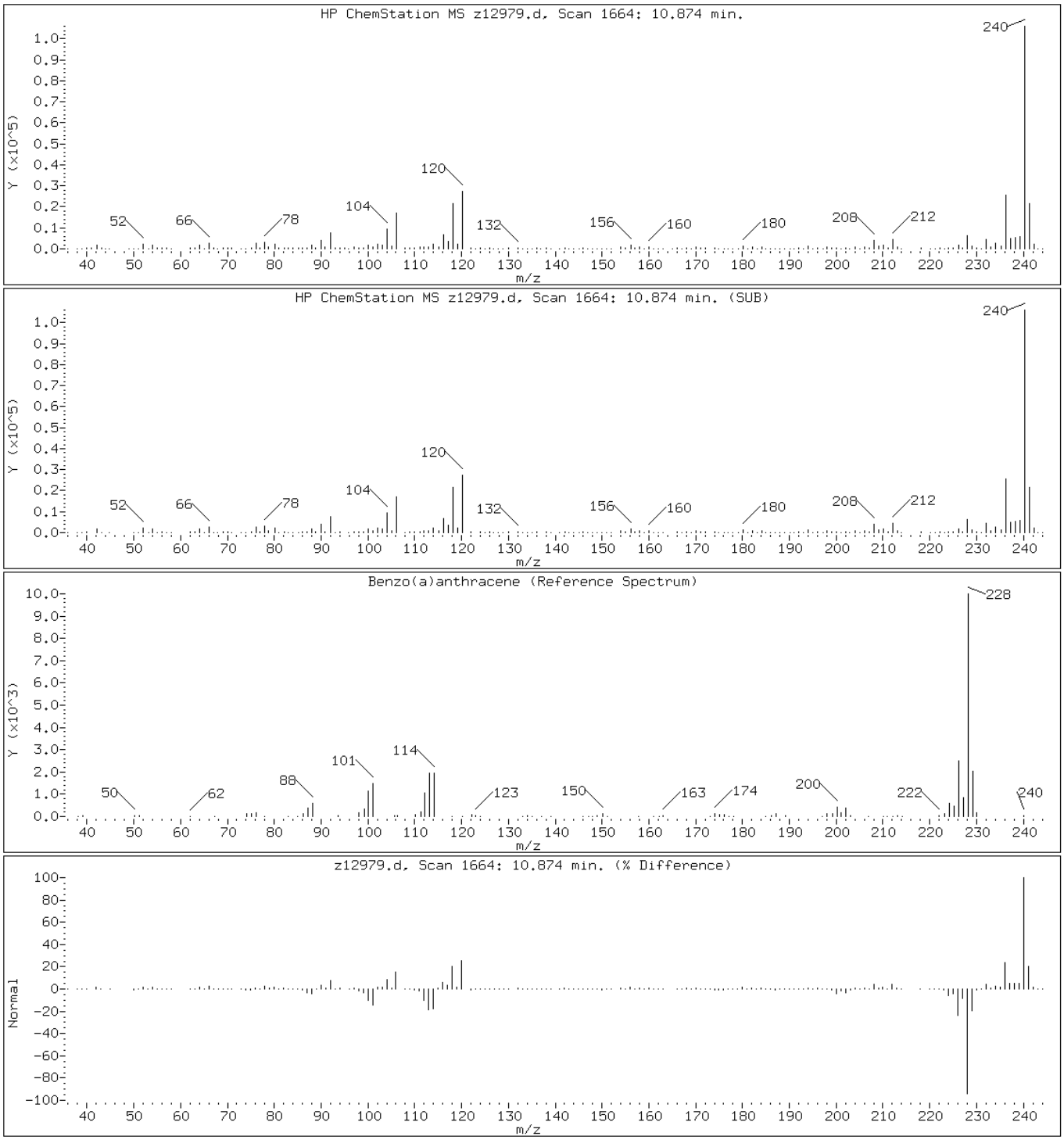
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

61 Benzo(a)anthracene



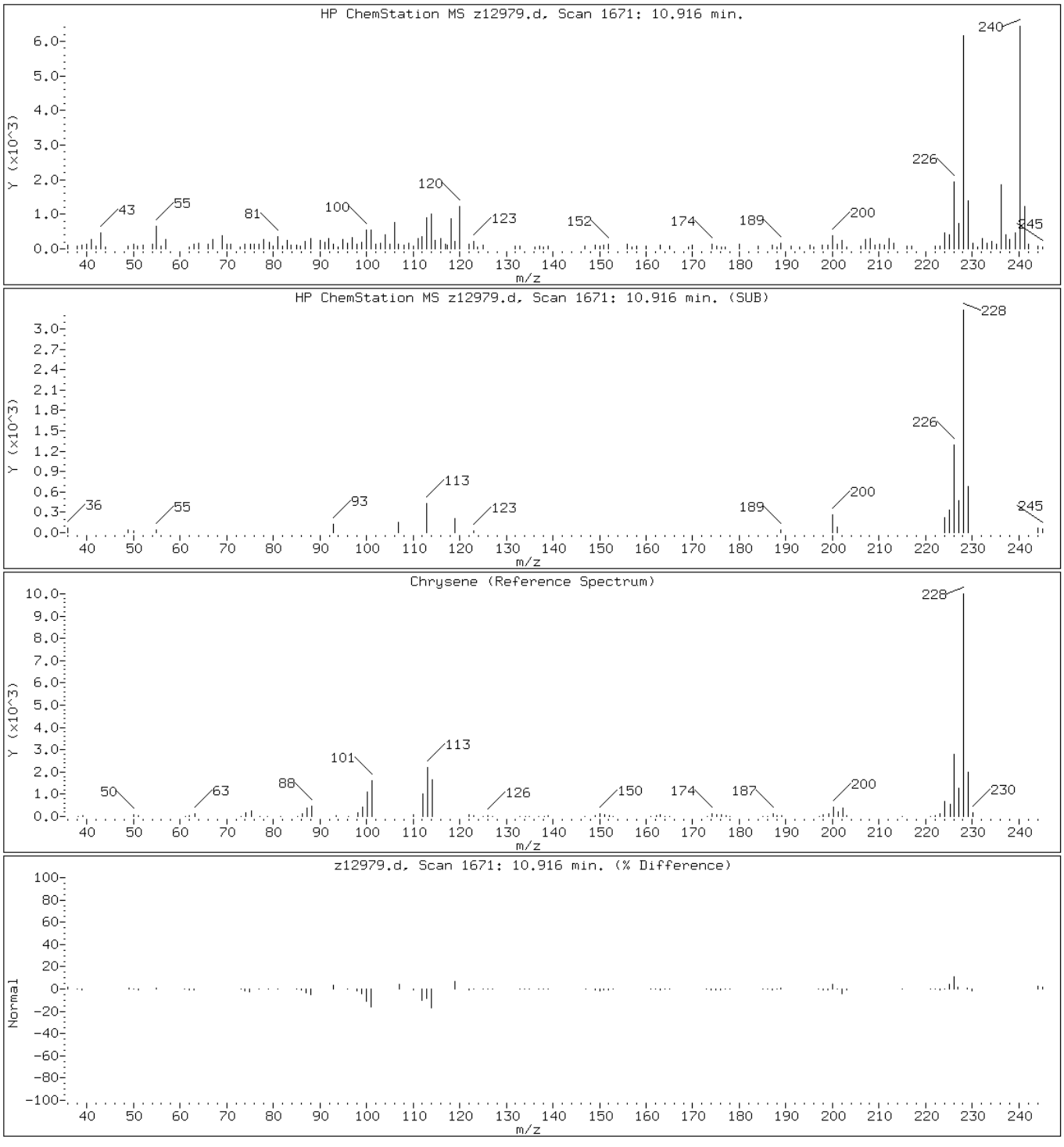
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

62 Chrysene



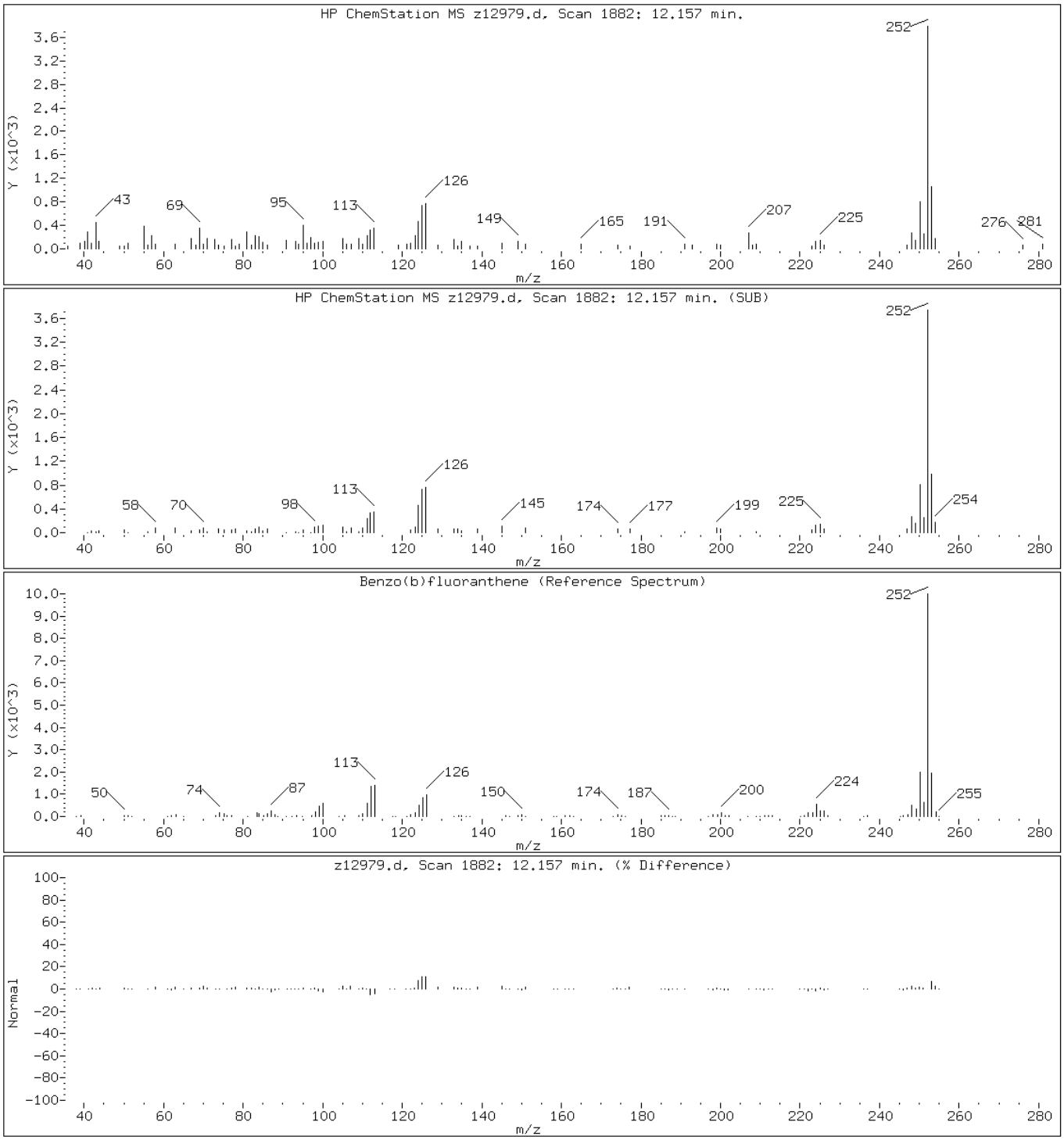
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



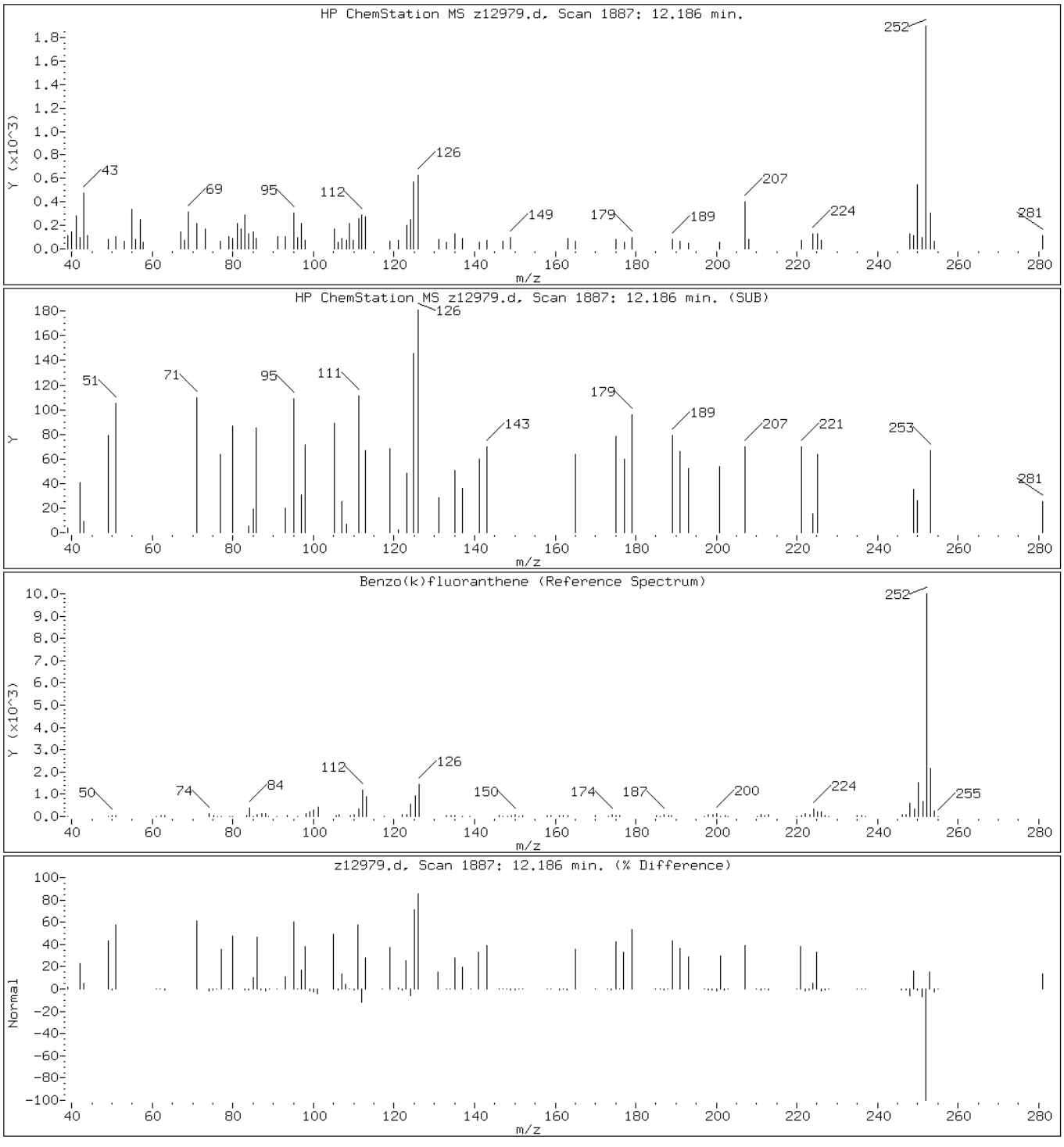
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



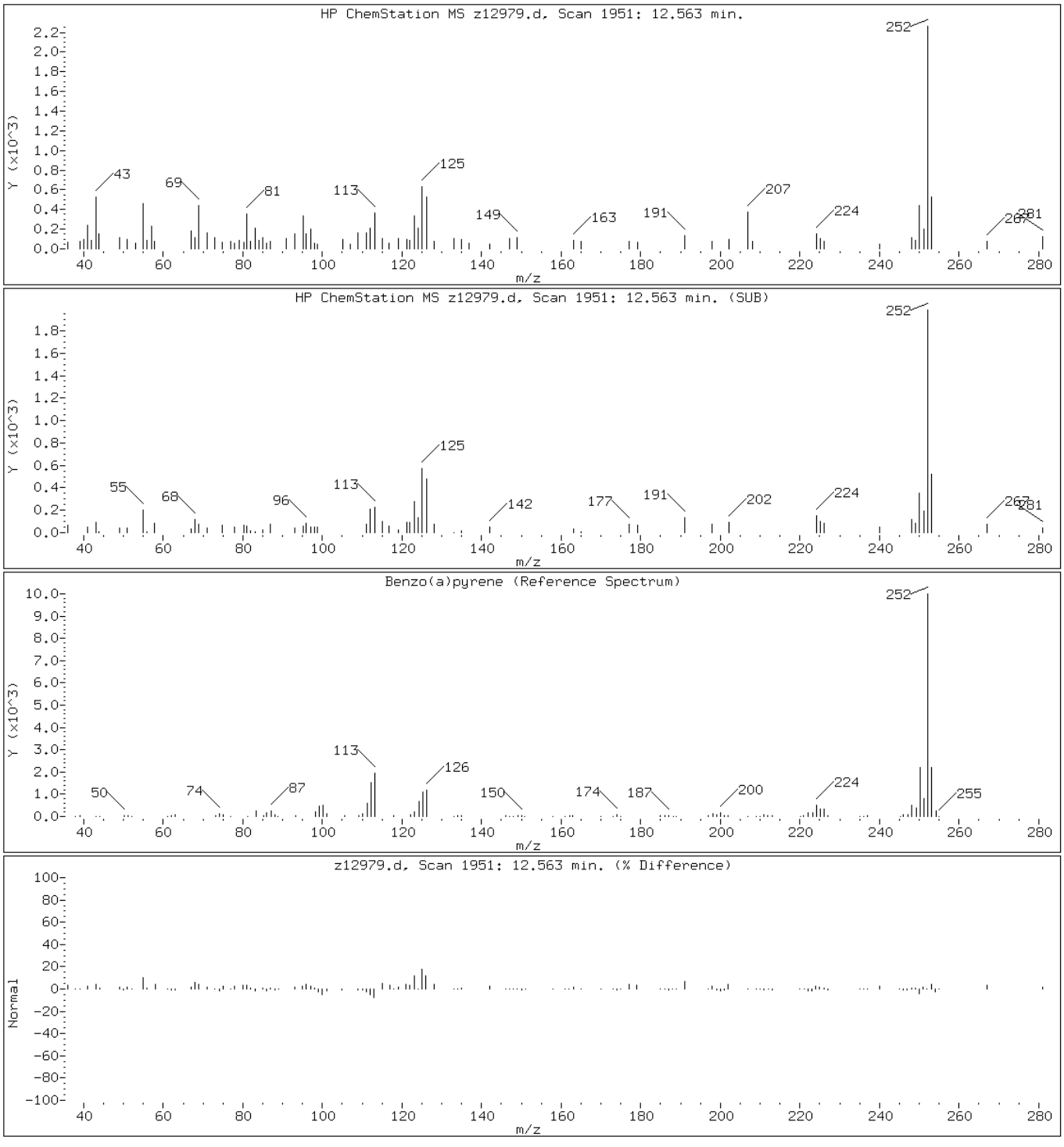
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

67 Benzo(a)pyrene



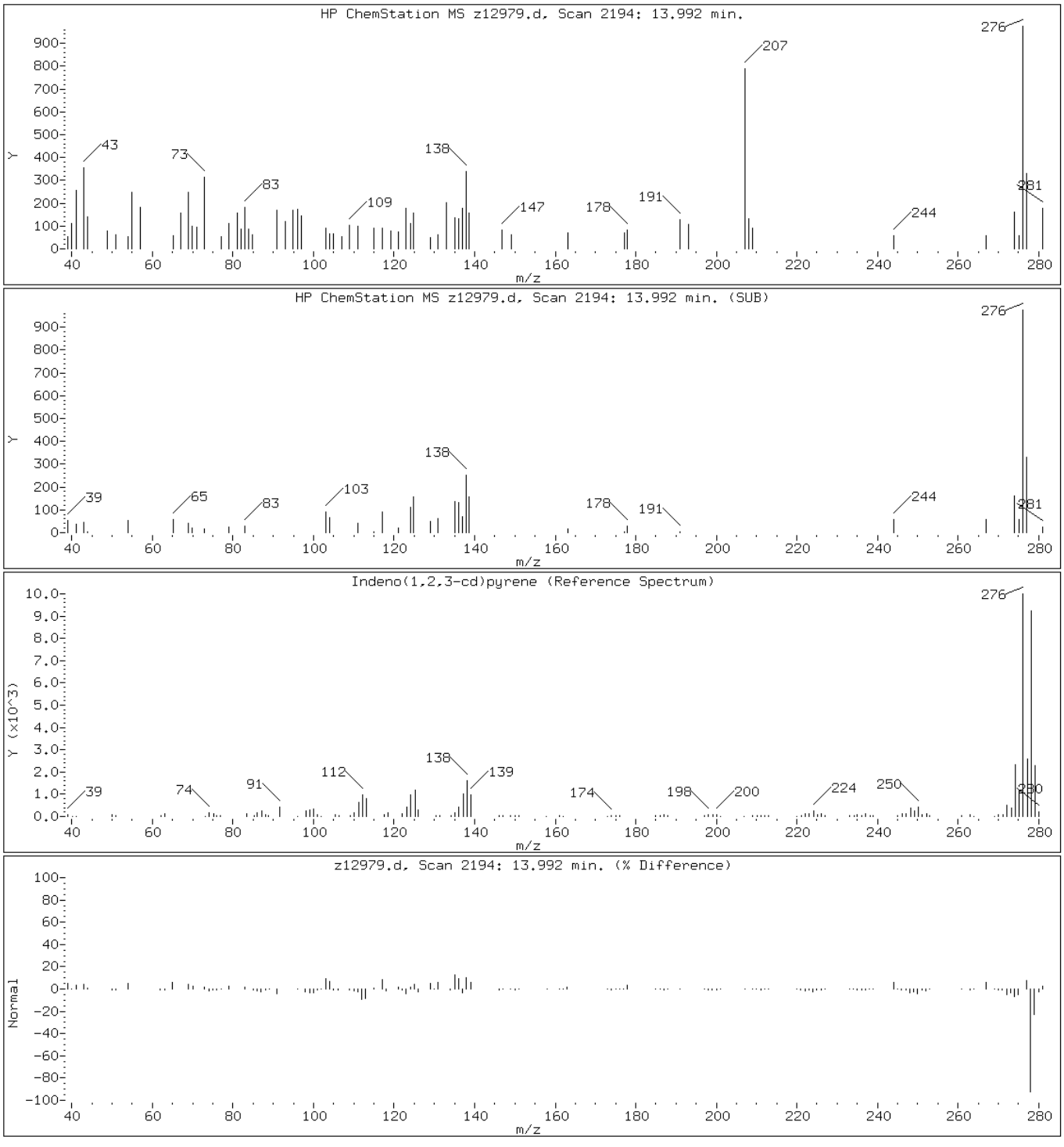
Data File: z12979.d

Date: 01-OCT-2012 03:59

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-2-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Manual Integration Report

Data File: z12979.d
Inj. Date and Time: 01-OCT-2012 03:59
Instrument ID: BNAMS11.i
Client ID: SO-17338-091712-SED
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 10/01/2012

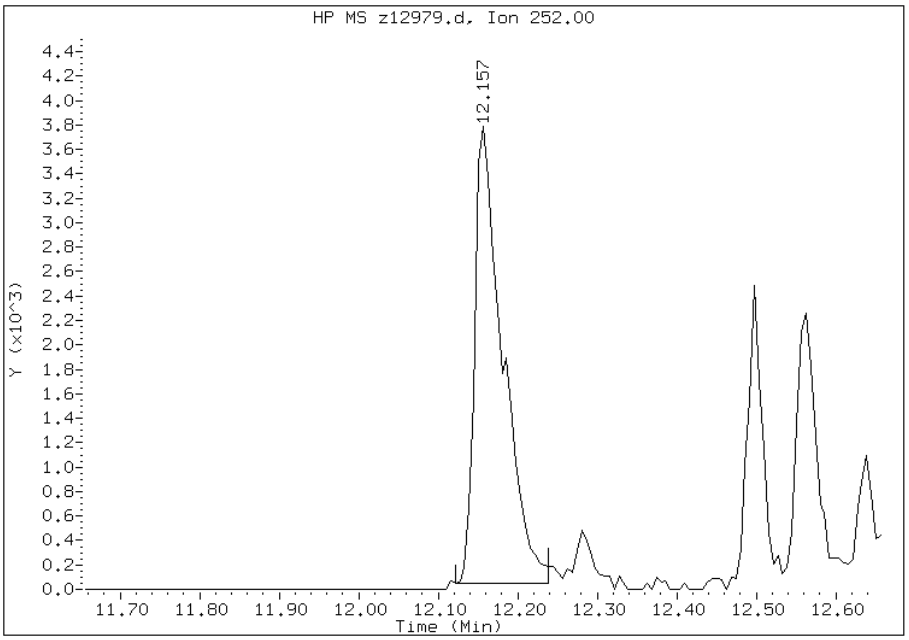
Processing Integration Results

RT: 12.16

Response: 9115

Amount: 1

Conc: 94



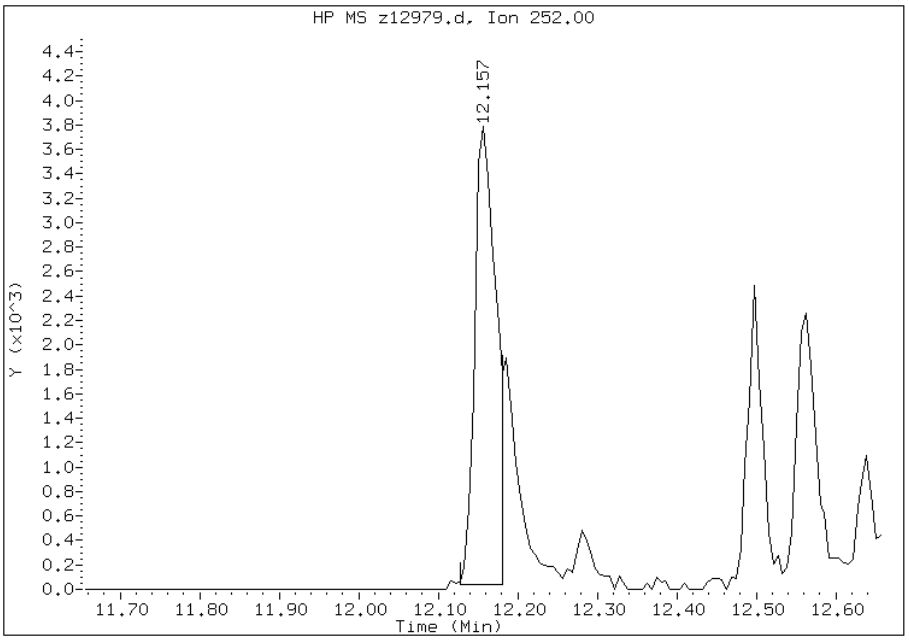
Manual Integration Results

RT: 12.16

Response: 6877

Amount: 1

Conc: 71



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z12979.d
Inj. Date and Time: 01-OCT-2012 03:59
Instrument ID: BNAMS11.i
Client ID: SO-17338-091712-SED
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 10/01/2012

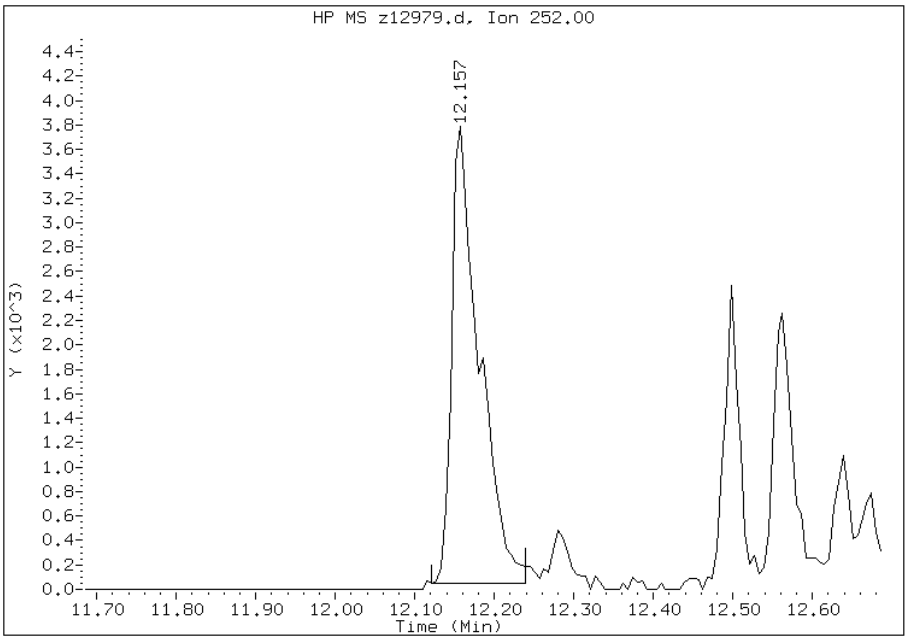
Processing Integration Results

RT: 12.16

Response: 9115

Amount: 1

Conc: 80



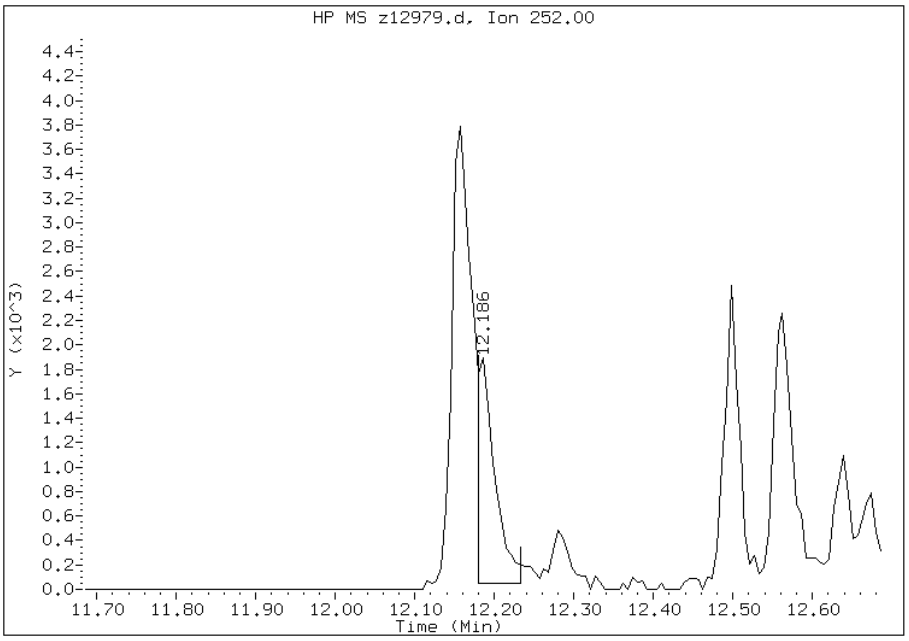
Manual Integration Results

RT: 12.19

Response: 2844

Amount: 0

Conc: 25



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED10-MM- | Lab Sample ID: 460-44767-3

Matrix: Solid | Lab File ID: z12980.d

Analysis Method: 8270C | Date Collected: 09/17/2012 11:15

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 04:22

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

Injection Volume: | Level: (low/med) Low

% Moisture: 19.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	48	U	410	48
108-95-2	Phenol	55	U	410	55
111-44-4	Bis(2-chloroethyl)ether	5.6	U	41	5.6
95-57-8	2-Chlorophenol	54	U	410	54
95-48-7	2-Methylphenol	70	U	410	70
108-60-1	2,2'-oxybis[1-chloropropane]	46	U	410	46
98-86-2	Acetophenone	63	U	410	63
106-44-5	4-Methylphenol	81	U	410	81
621-64-7	N-Nitrosodi-n-propylamine	6.9	U	41	6.9
67-72-1	Hexachloroethane	4.6	U	41	4.6
98-95-3	Nitrobenzene	5.8	U	41	5.8
78-59-1	Isophorone	50	U	410	50
88-75-5	2-Nitrophenol	46	U	410	46
105-67-9	2,4-Dimethylphenol	100	U	410	100
111-91-1	Bis(2-chloroethoxy)methane	53	U	410	53
120-83-2	2,4-Dichlorophenol	60	U	410	60
91-20-3	Naphthalene	48	U	410	48
106-47-8	4-Chloroaniline	110	U	410	110
87-68-3	Hexachlorobutadiene	10	U	83	10
105-60-2	Caprolactam	95	U	410	95
59-50-7	4-Chloro-3-methylphenol	62	U	410	62
91-57-6	2-Methylnaphthalene	53	U	410	53
77-47-4	Hexachlorocyclopentadiene	48	U	410	48
88-06-2	2,4,6-Trichlorophenol	48	U	410	48
95-95-4	2,4,5-Trichlorophenol	53	U	410	53
92-52-4	1,1'-Biphenyl	55	U	410	55
91-58-7	2-Chloronaphthalene	46	U	410	46
88-74-4	2-Nitroaniline	170	U	830	170
131-11-3	Dimethyl phthalate	49	U	410	49
606-20-2	2,6-Dinitrotoluene	12	U	83	12
208-96-8	Acenaphthylene	49	U	410	49
99-09-2	3-Nitroaniline	150	U	830	150
83-32-9	Acenaphthene	60	U	410	60
51-28-5	2,4-Dinitrophenol	230	U	1200	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED10-MM- | Lab Sample ID: 460-44767-3

Matrix: Solid | Lab File ID: z12980.d

Analysis Method: 8270C | Date Collected: 09/17/2012 11:15

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 04:22

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

Injection Volume: | Level: (low/med) Low

% Moisture: 19.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	1200	260
132-64-9	Dibenzofuran	48	U	410	48
121-14-2	2,4-Dinitrotoluene	14	U	83	14
84-66-2	Diethyl phthalate	49	U	410	49
86-73-7	Fluorene	53	U	410	53
7005-72-3	4-Chlorophenyl phenyl ether	48	U	410	48
100-01-6	4-Nitroaniline	130	U	830	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
86-30-6	N-Nitrosodiphenylamine	41	U	410	41
101-55-3	4-Bromophenyl phenyl ether	41	U	410	41
118-74-1	Hexachlorobenzene	5.6	U	41	5.6
1912-24-9	Atrazine	64	U	410	64
87-86-5	Pentachlorophenol	120	U	1200	120
85-01-8	Phenanthrene	420		410	52
120-12-7	Anthracene	92	J	410	50
86-74-8	Carbazole	58	J	410	49
84-74-2	Di-n-butyl phthalate	51	U	410	51
206-44-0	Fluoranthene	600		410	55
129-00-0	Pyrene	590		410	34
85-68-7	Butyl benzyl phthalate	38	U	410	38
91-94-1	3,3'-Dichlorobenzidine	140	U	830	140
56-55-3	Benzo[a]anthracene	300		41	2.9
218-01-9	Chrysene	320	J	410	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	410	140
117-84-0	Di-n-octyl phthalate	26	U	410	26
205-99-2	Benzo[b]fluoranthene	280		41	2.6
207-08-9	Benzo[k]fluoranthene	120		41	3.1
50-32-8	Benzo[a]pyrene	250		41	2.9
193-39-5	Indeno[1,2,3-cd]pyrene	120		41	7.6
53-70-3	Dibenz(a,h)anthracene	27	J	41	5.2
191-24-2	Benzo[g,h,i]perylene	100	J	410	30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED10-MM- | Lab Sample ID: 460-44767-3

Matrix: Solid | Lab File ID: z12980.d

Analysis Method: 8270C | Date Collected: 09/17/2012 11:15

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 04:22

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

Injection Volume: | Level: (low/med) Low

% Moisture: 19.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	80		10-120
321-60-8	2-Fluorobiphenyl	87		40-109
367-12-4	2-Fluorophenol (Surr)	82		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	88		38-105
4165-62-2	Phenol-d5 (Surr)	91		41-118
1718-51-0	Terphenyl-d14 (Surr)	99		16-151

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

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED10-MM- | Lab Sample ID: 460-44767-3

Matrix: Solid | Lab File ID: z12980.d

Analysis Method: 8270C | Date Collected: 09/17/2012 11:15

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 04:22

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

Injection Volume: | Level: (low/med) Low

% Moisture: 19.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12980.d
Report Date: 01-Oct-2012 13:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12980.d
Lab Smp Id: 460-44767-A-3-C Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 04:22
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-3-C
Misc Info : 460-44767-A-3-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	19.58569	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.675)	1501864	82.1810	6800
$ 17 Phenol-d5 (SUR)	99	3.428	3.410	(0.911)	1977851	91.4141	7600
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	509586	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	940812	43.9382	3600
* 80 Naphthalene-d8	136	5.051	5.051	(1.000)	1933533	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1442935	43.6509	3600
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	927850	40.0000	
42 Acenaphthene	154	6.828	6.833	(1.003)	6699	0.26820	22(a)
43 Dibenzofuran	168	7.004	7.004	(1.029)	4045	0.11630	9.6(a)
47 Fluorene	166	7.333	7.339	(1.078)	5004	0.18322	15(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.581	7.575	(1.114)	211828	79.5635	6600
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1073186	40.0000	
52 Phenanthrene	178	8.269	8.275	(1.002)	156172	5.10713	420

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12980.d
Report Date: 01-Oct-2012 13:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	53 Anthracene	178	8.322	8.322	(1.009)	34464	1.10831	92(a)
	54 Carbazole	167	8.486	8.486	(1.028)	17340	0.70302	58(a)
	56 Fluoranthene	202	9.427	9.427	(1.143)	170860	7.23135	600
	57 Pyrene	202	9.645	9.645	(0.886)	142250	7.13319	590
$	78 Terphenyl-d14	244	9.822	9.816	(0.902)	595437	49.2730	4100
	61 Benzo(a)anthracene	228	10.874	10.874	(0.999)	42619	3.65088	300
*	81 Chrysene-d12	240	10.886	10.886	(1.000)	407637	40.0000	
	62 Chrysene	228	10.916	10.916	(1.003)	44561	3.86185	320(a)
	65 Benzo(b)fluoranthene	252	12.157	12.157	(0.962)	30346	3.34328	280
	66 Benzo(k)fluoranthene	252	12.186	12.186	(0.964)	15427	1.44678	120(H)
	67 Benzo(a)pyrene	252	12.563	12.563	(0.994)	23541	3.00785	250
*	84 Perylene-d12	264	12.639	12.639	(1.000)	323531	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.107)	9875	1.45030	120
	69 Dibenz(a,h)anthracene	278	14.027	14.033	(1.110)	2318	0.32315	27(a)
	70 Benzo(g,h,i)perylene	276	14.333	14.333	(1.134)	9488	1.24859	100(a)

QC Flag Legend

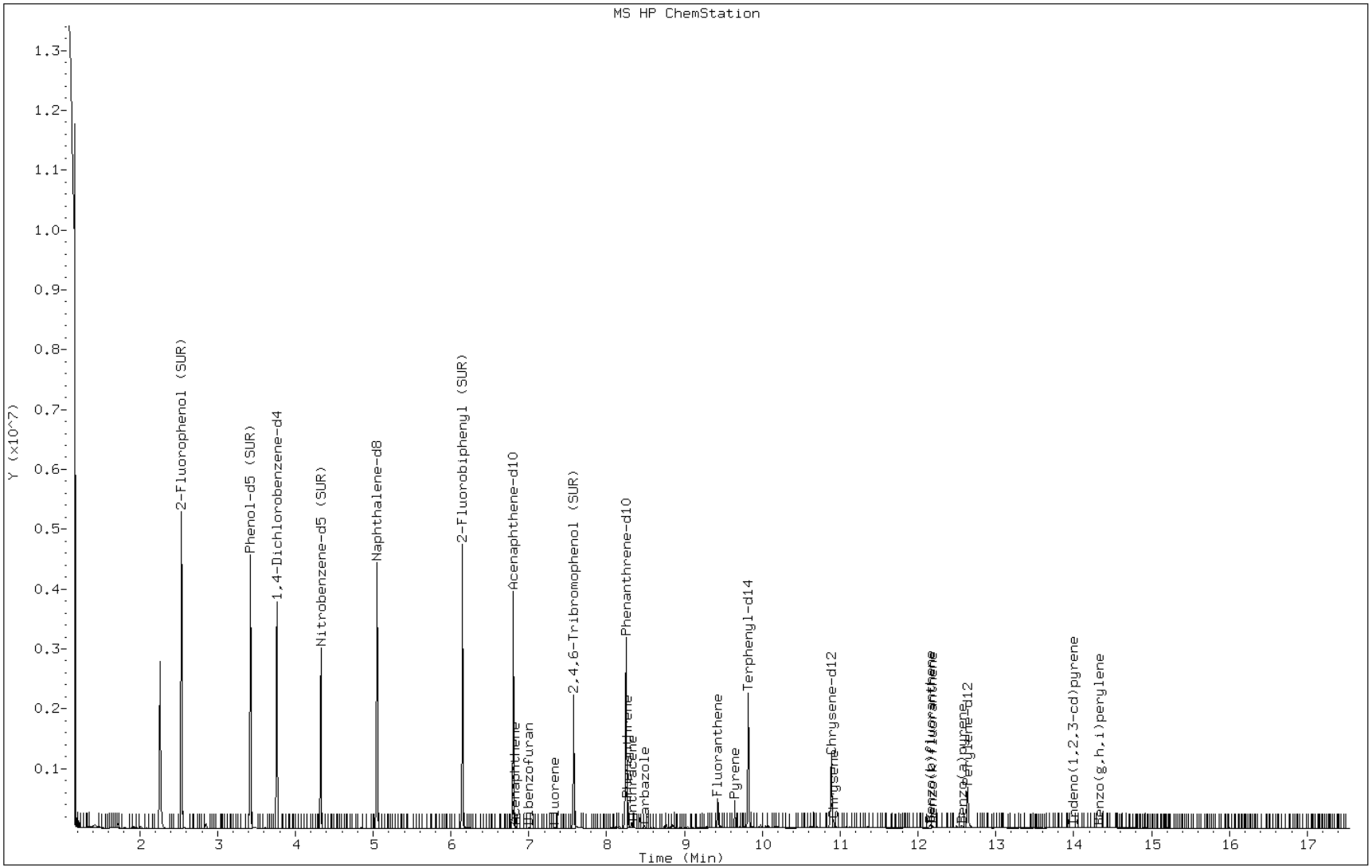
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4



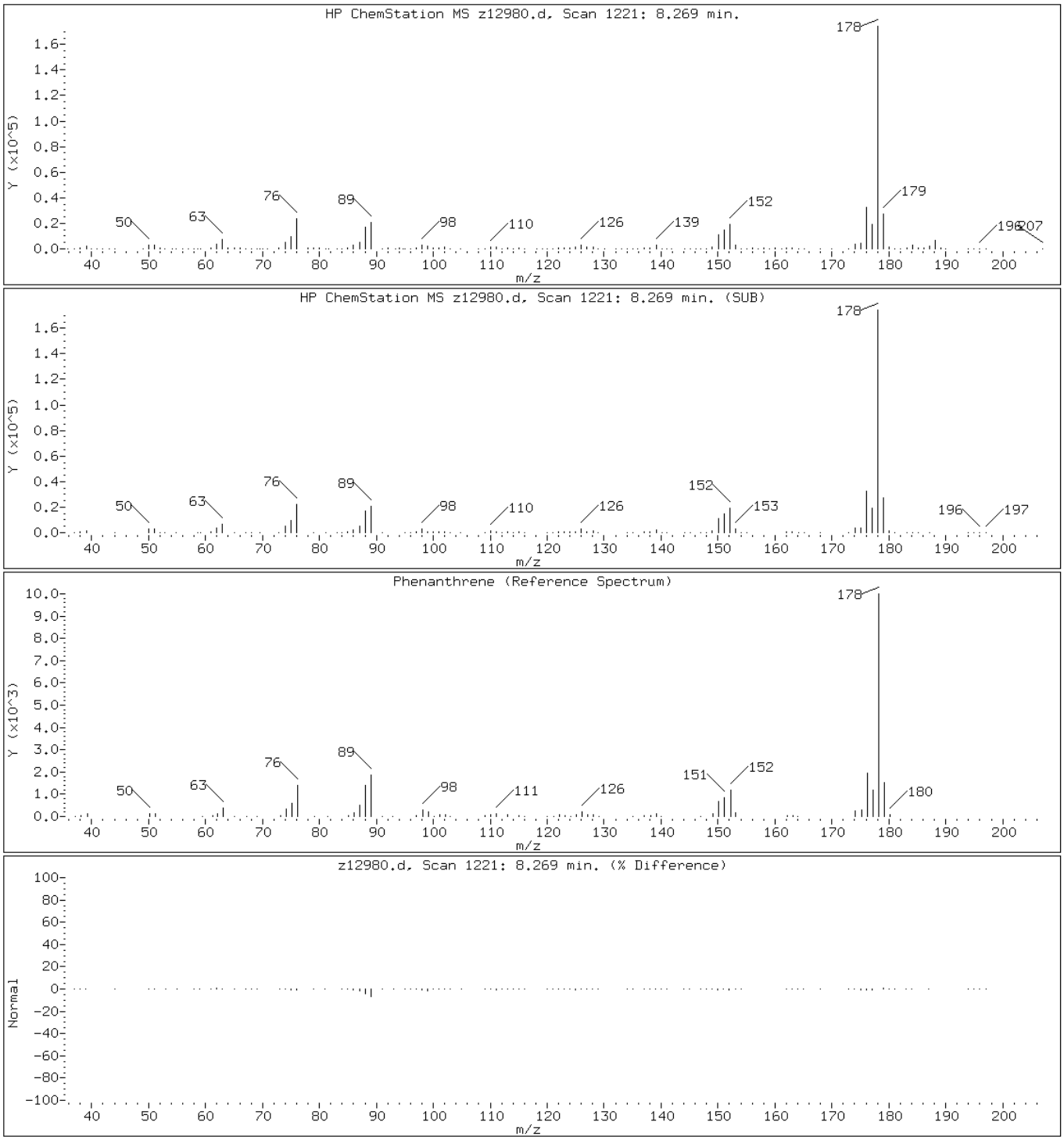
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

52 Phenanthrene



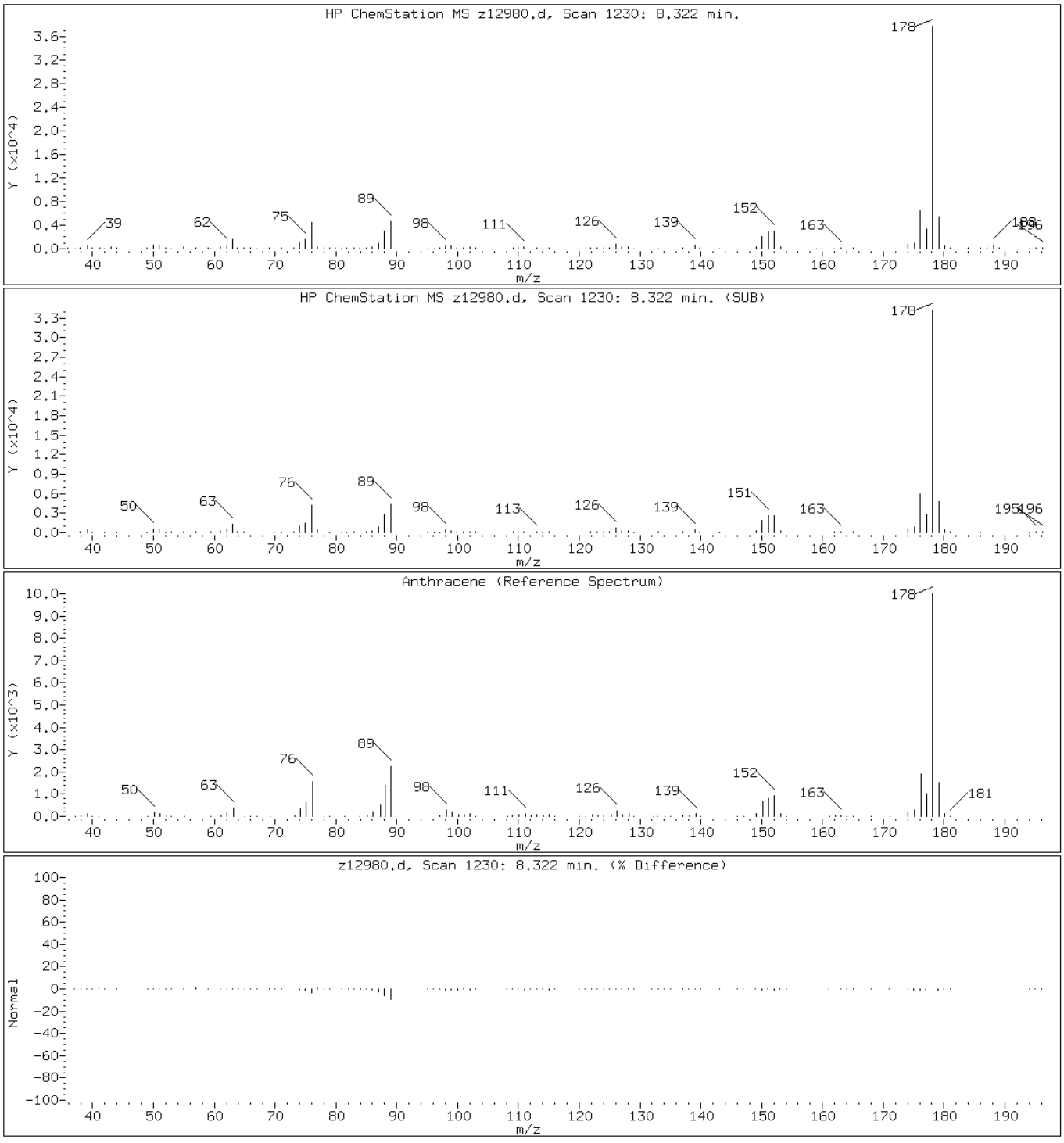
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Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

53 Anthracene



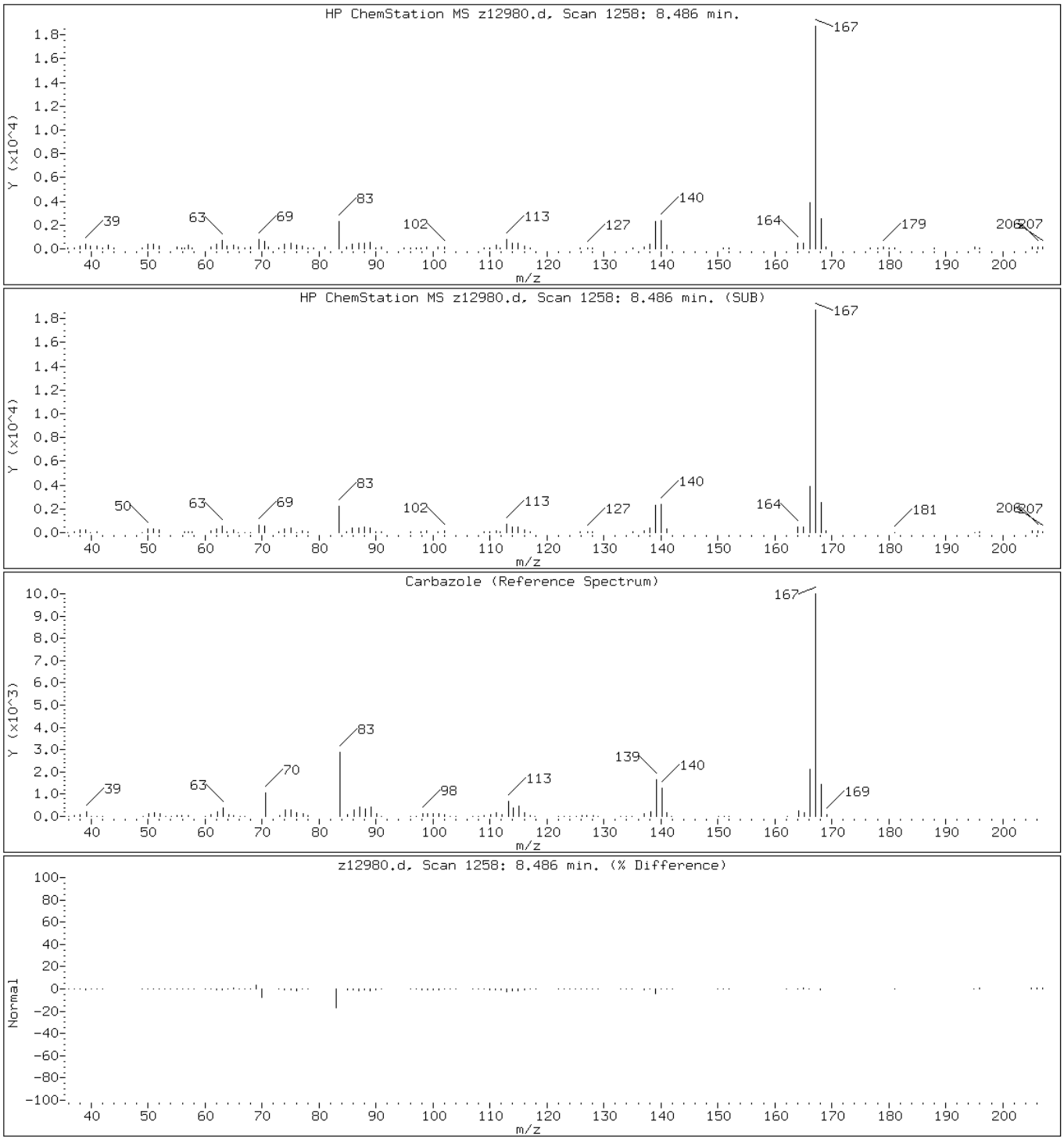
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Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

54 Carbazole



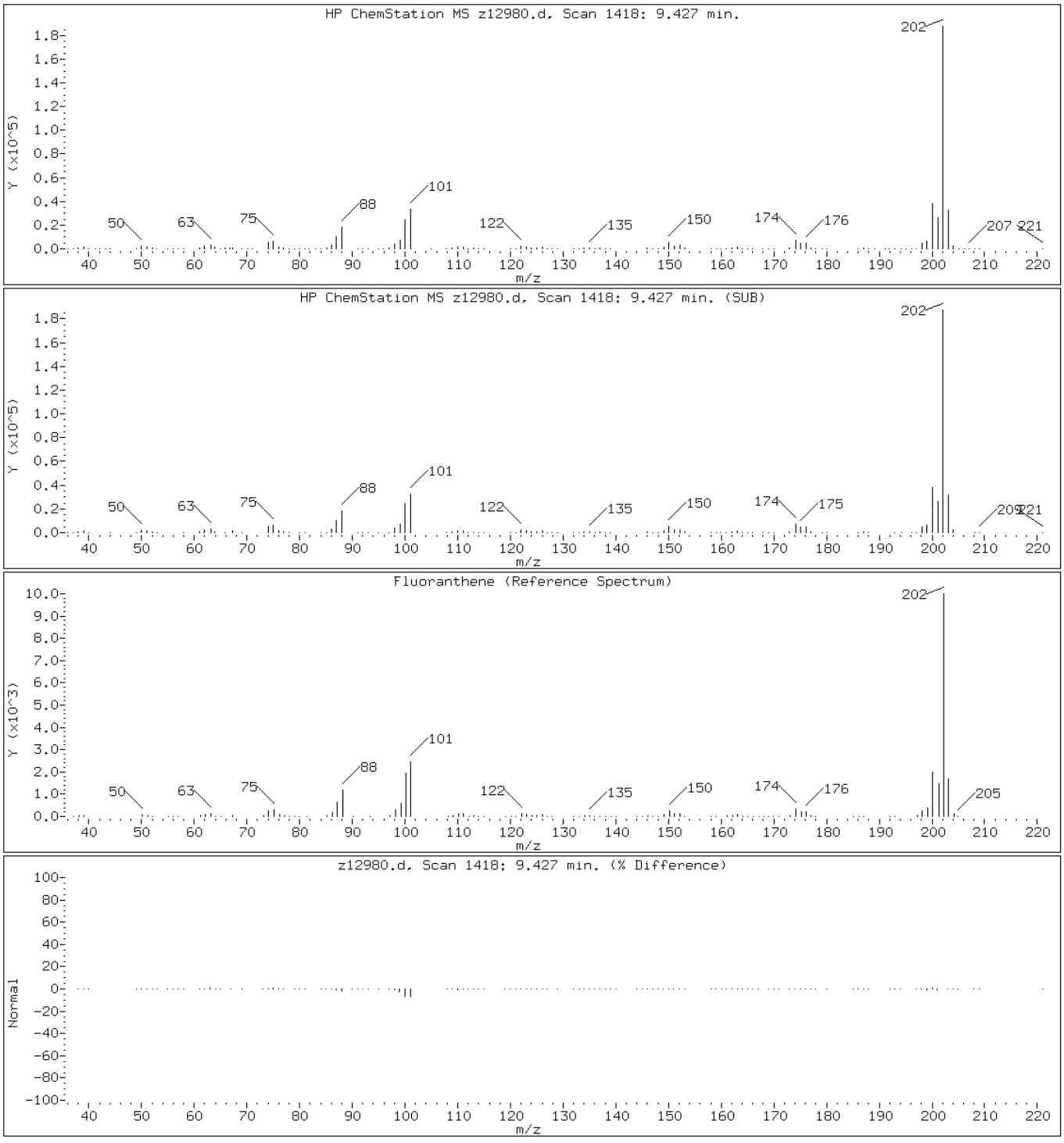
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Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

56 Fluoranthene



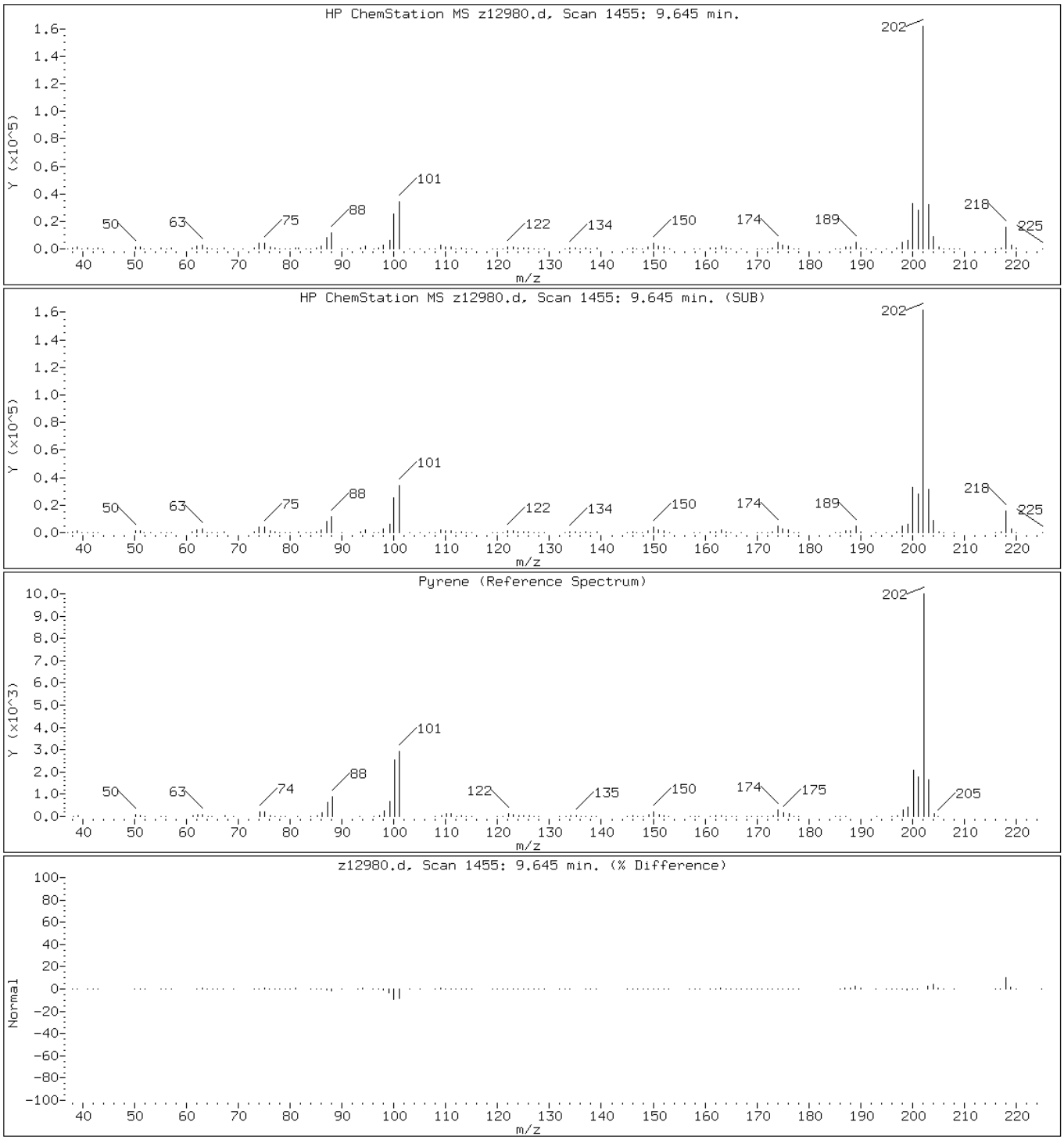
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Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

57 Pyrene



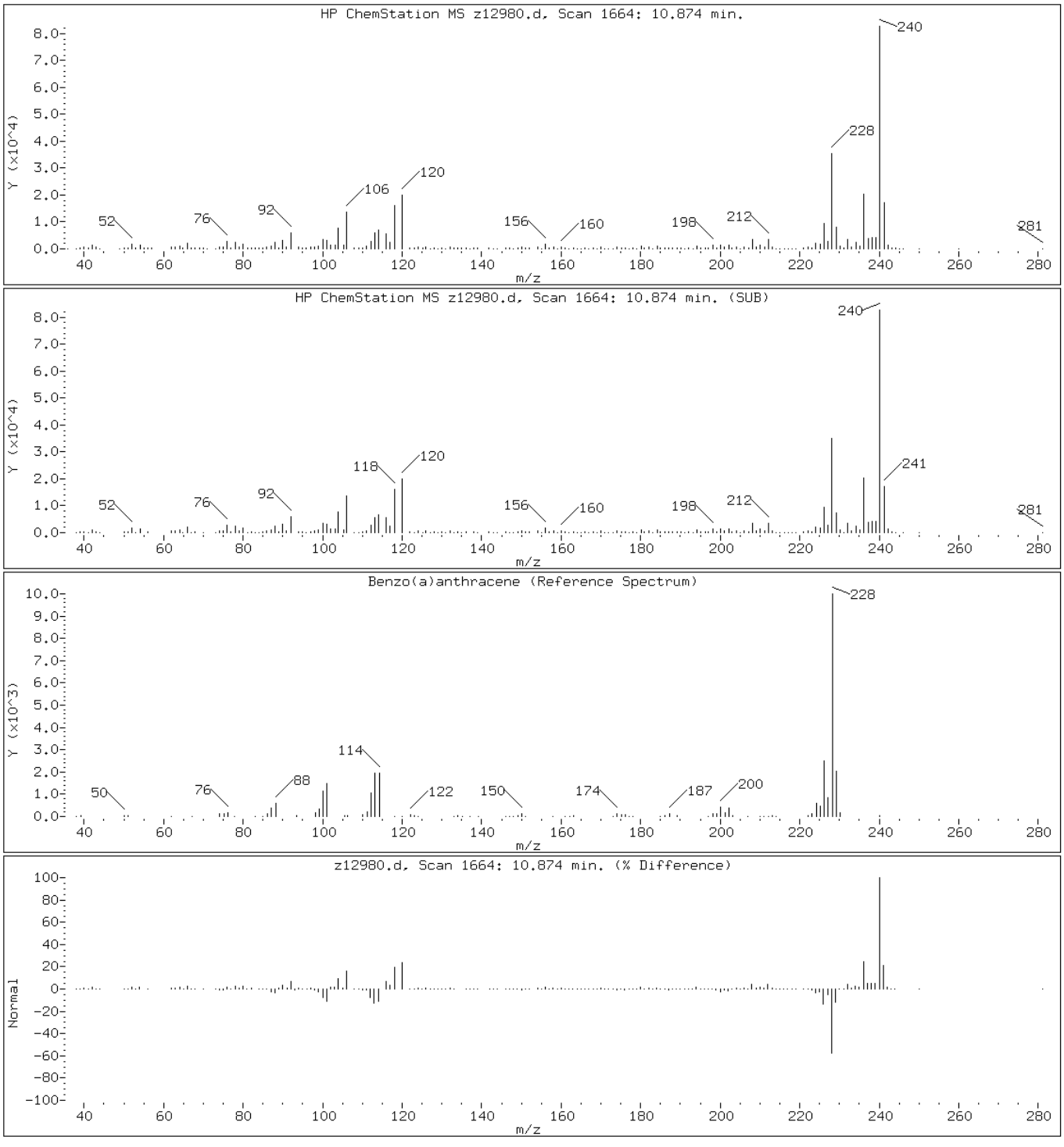
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

61 Benzo(a)anthracene



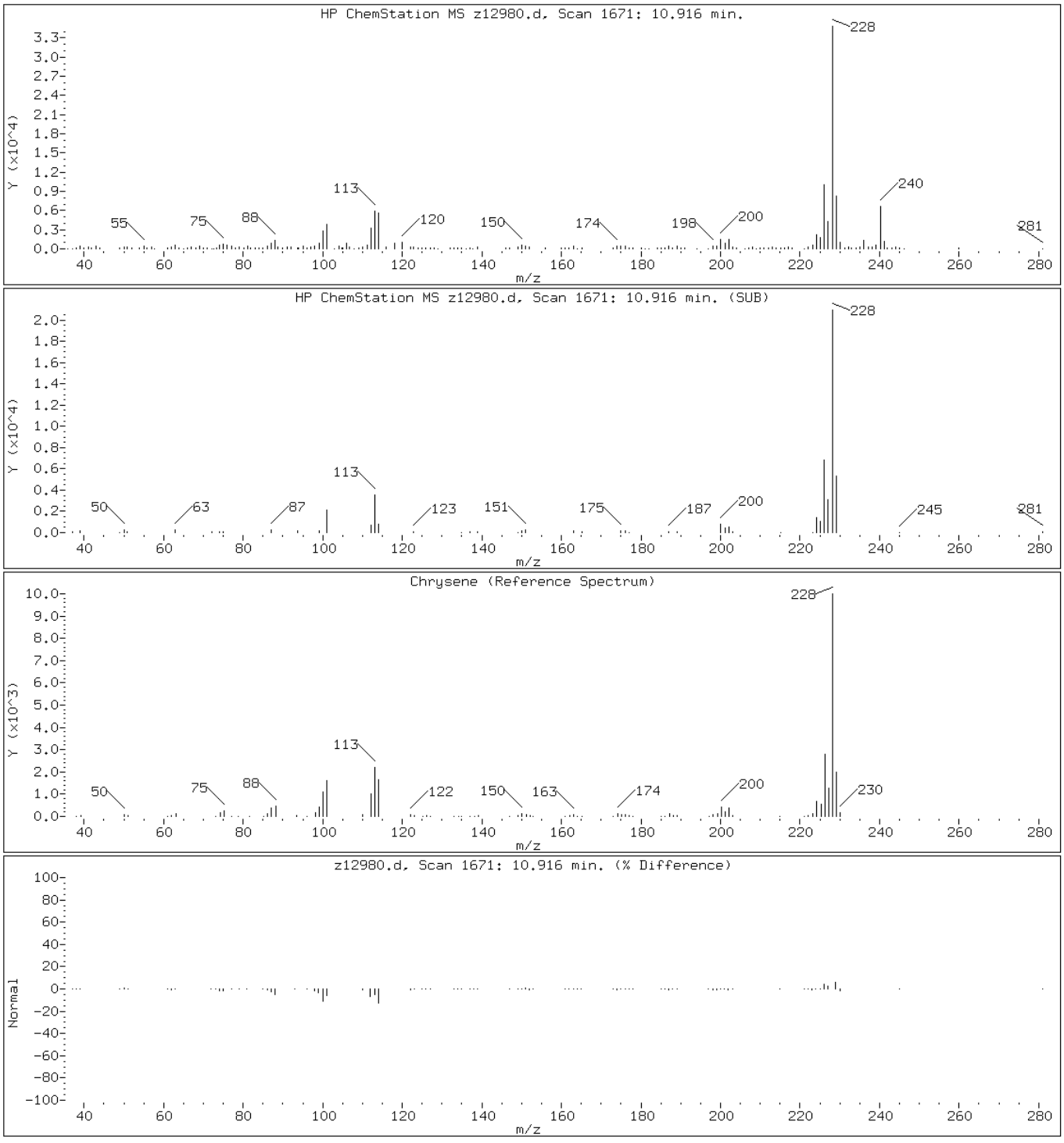
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Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

62 Chrysene



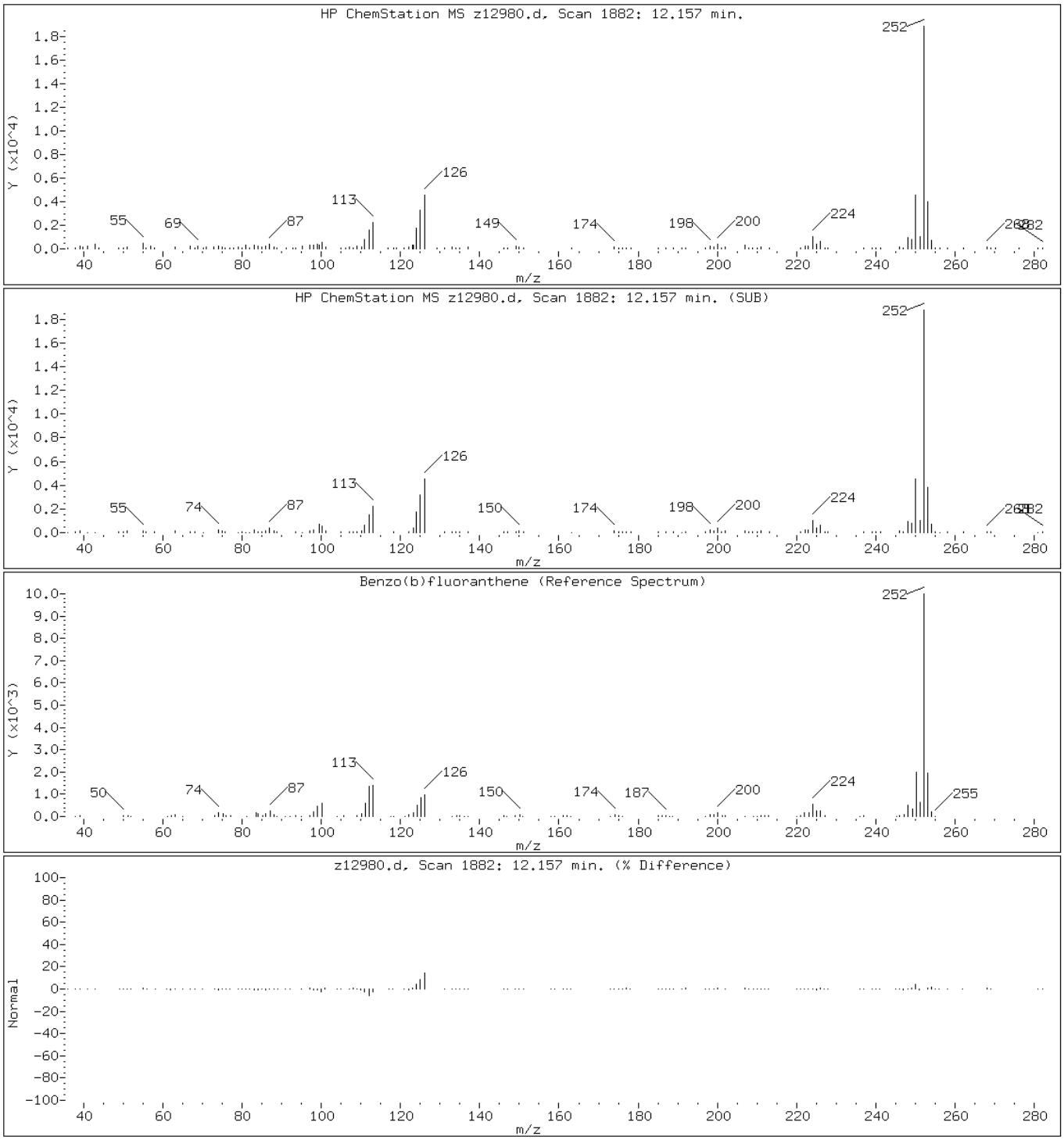
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Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



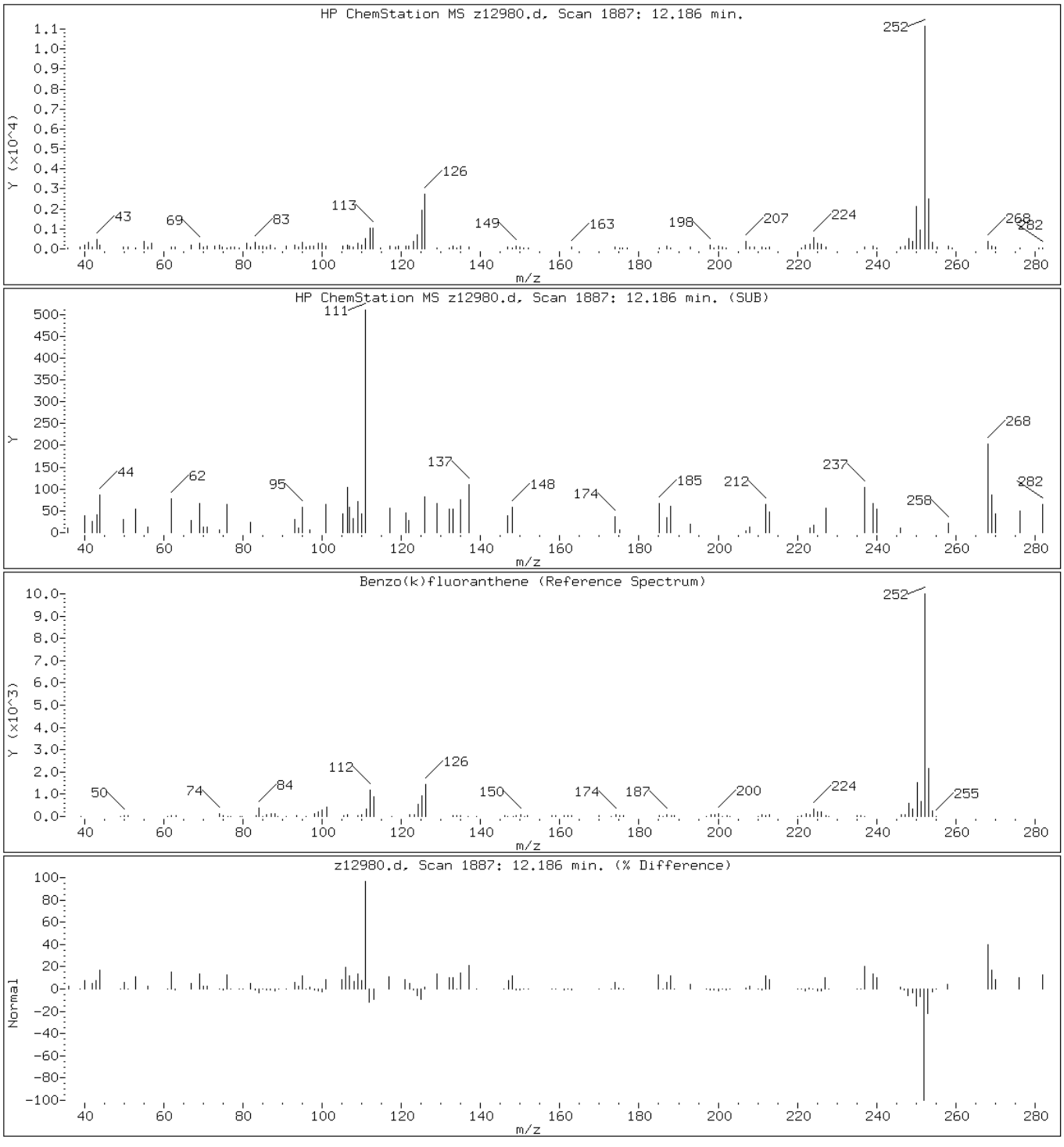
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

66 Benzo(k)fluoranthene



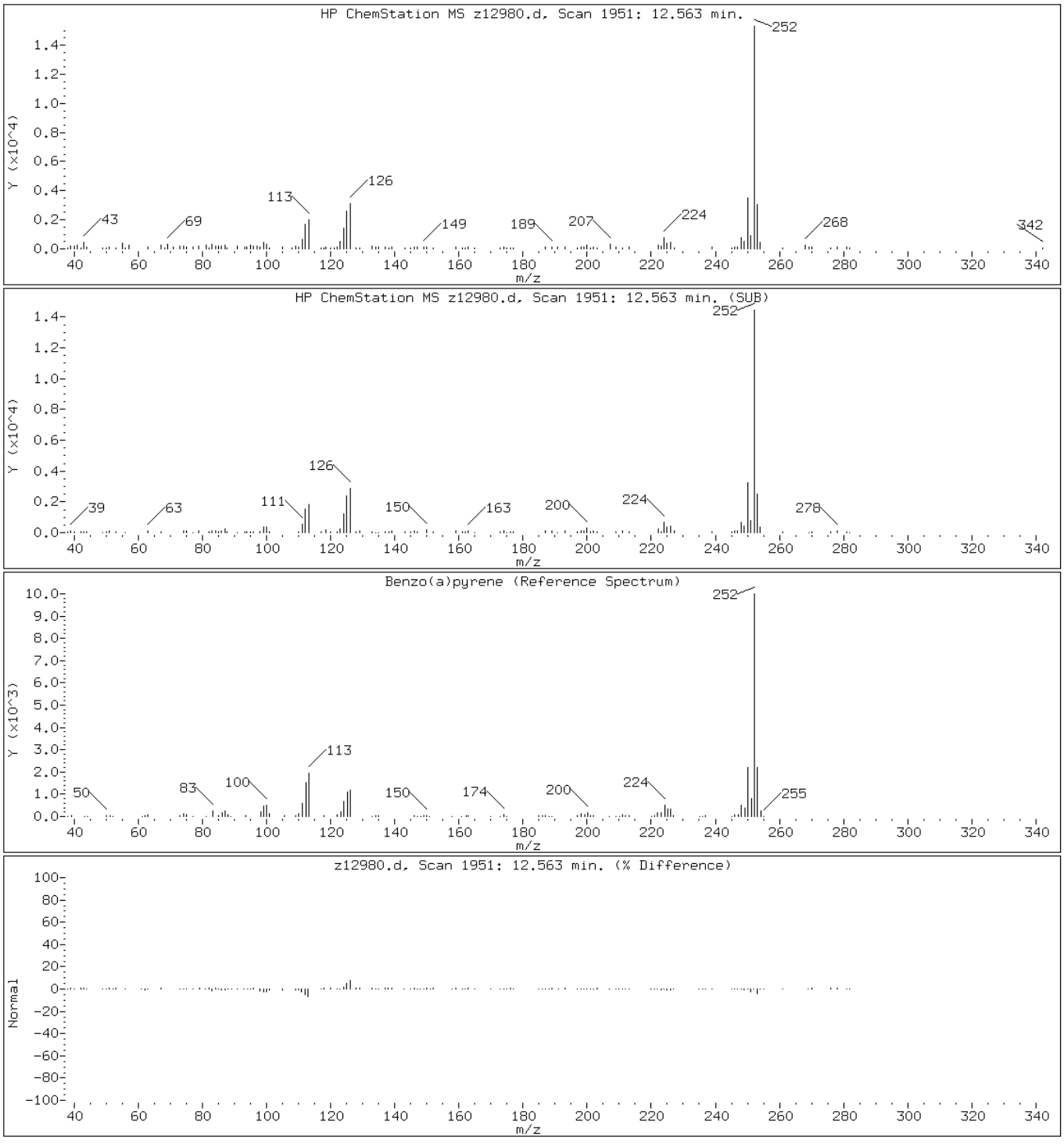
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

67 Benzo(a)pyrene



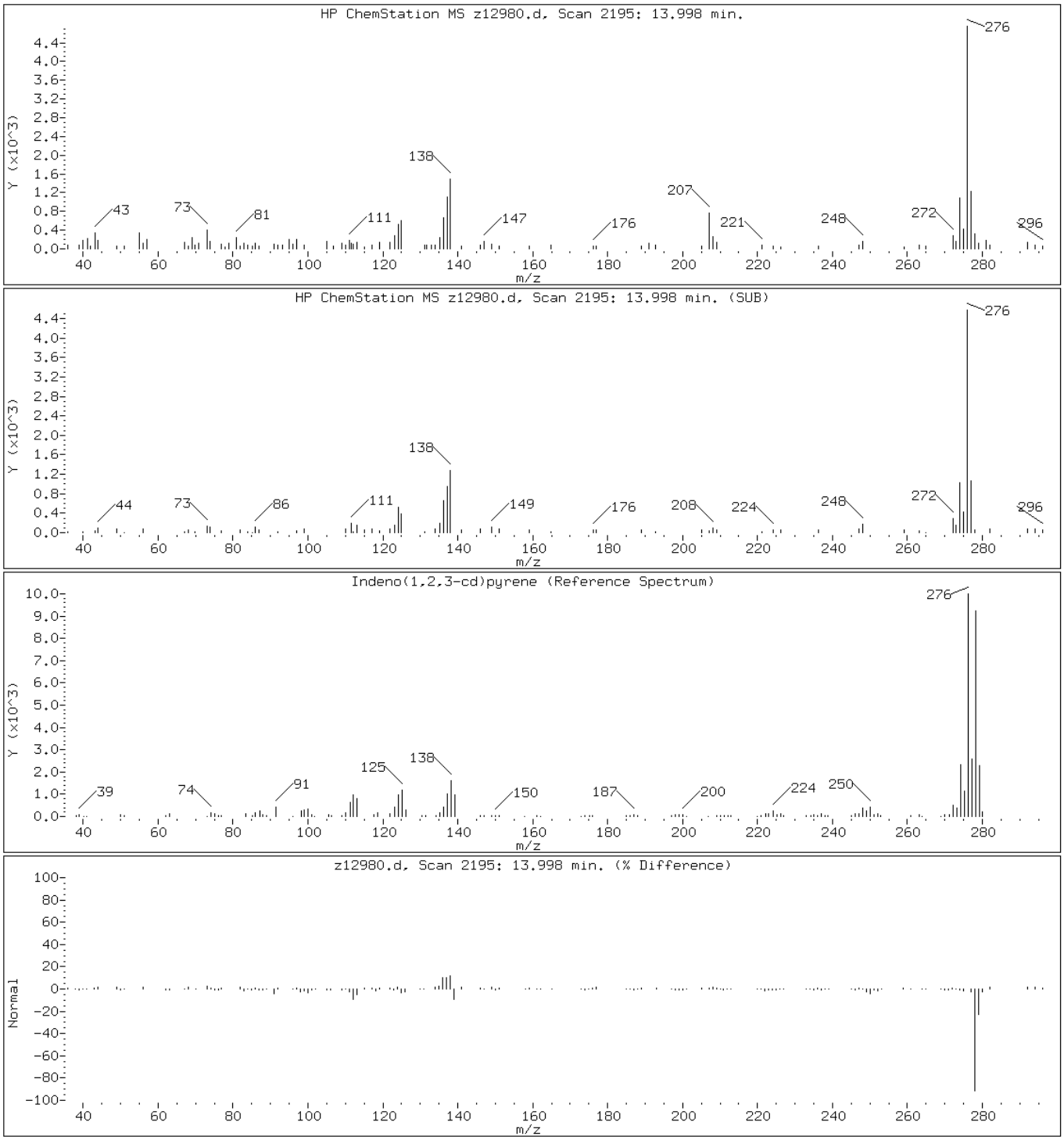
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



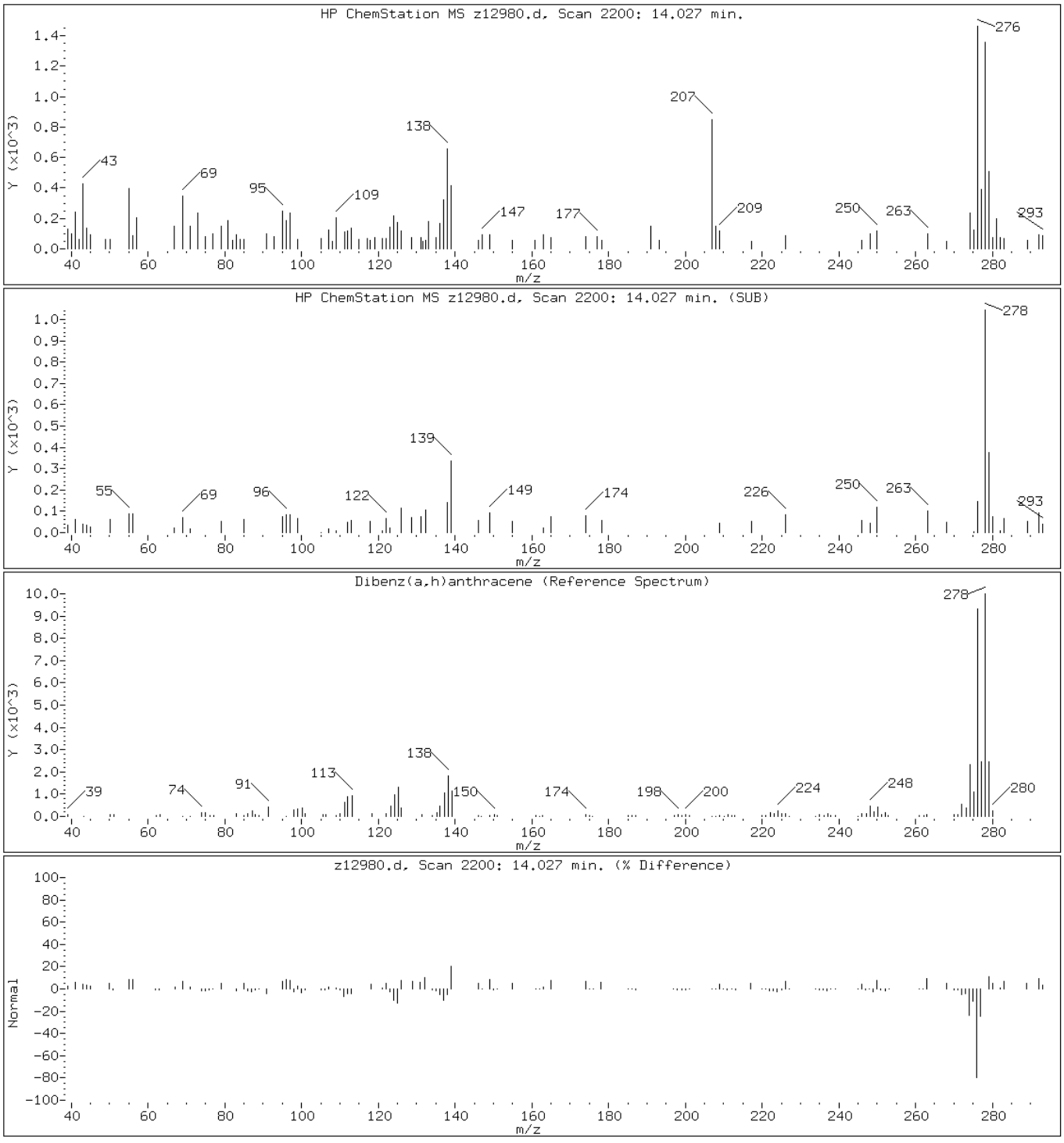
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

69 Dibenz(a,h)anthracene



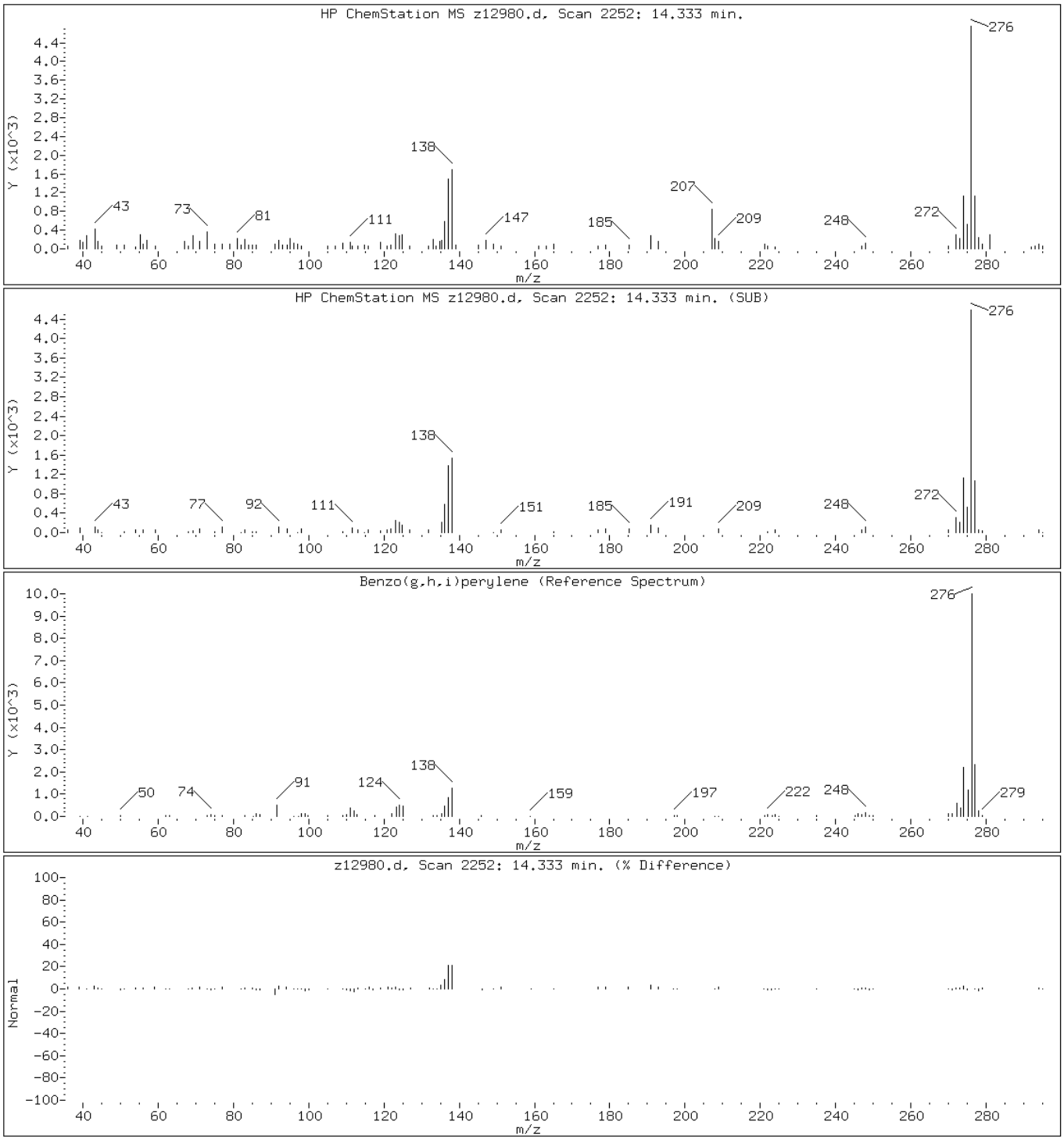
Data File: z12980.d

Date: 01-OCT-2012 04:22

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-3-C Operator: BNAMS 4

70 Benzo(g,h,i)perylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED9-MM-2 | Lab Sample ID: 460-44767-4

Matrix: Solid | Lab File ID: z12981.d

Analysis Method: 8270C | Date Collected: 09/17/2012 12:40

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.04(g) | Date Analyzed: 10/01/2012 04:46

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

Injection Volume: | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	46	U	390	46
108-95-2	Phenol	53	U	390	53
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	67	U	390	67
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
98-86-2	Acetophenone	60	U	390	60
106-44-5	4-Methylphenol	77	U	390	77
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
67-72-1	Hexachloroethane	4.4	U	39	4.4
98-95-3	Nitrobenzene	5.6	U	39	5.6
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	97	U	390	97
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
120-83-2	2,4-Dichlorophenol	57	U	390	57
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.5	U	79	9.5
105-60-2	Caprolactam	90	U	390	90
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	50	U	390	50
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	1,1'-Biphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	790	160
131-11-3	Dimethyl phthalate	46	U	390	46
606-20-2	2,6-Dinitrotoluene	12	U	79	12
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	790	140
83-32-9	Acenaphthene	57	U	390	57
51-28-5	2,4-Dinitrophenol	220	U	1200	220

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED9-MM-2 | Lab Sample ID: 460-44767-4

Matrix: Solid | Lab File ID: z12981.d

Analysis Method: 8270C | Date Collected: 09/17/2012 12:40

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.04(g) | Date Analyzed: 10/01/2012 04:46

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

Injection Volume: | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
132-64-9	Dibenzofuran	46	U	390	46
121-14-2	2,4-Dinitrotoluene	13	U	79	13
84-66-2	Diethyl phthalate	47	U	390	47
86-73-7	Fluorene	50	U	390	50
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
1912-24-9	Atrazine	60	U	390	60
87-86-5	Pentachlorophenol	120	U	1200	120
85-01-8	Phenanthrene	50	U	390	50
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	46	U	390	46
84-74-2	Di-n-butyl phthalate	48	U	390	48
206-44-0	Fluoranthene	110	J	390	52
129-00-0	Pyrene	99	J	390	33
85-68-7	Butyl benzyl phthalate	36	U	390	36
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
56-55-3	Benzo[a]anthracene	46		39	2.7
218-01-9	Chrysene	62	J	390	46
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
205-99-2	Benzo[b]fluoranthene	72		39	2.5
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
50-32-8	Benzo[a]pyrene	42		39	2.8
193-39-5	Indeno[1,2,3-cd]pyrene	32	J	39	7.3
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
191-24-2	Benzo[g,h,i]perylene	32	J	390	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED9-MM-2 Lab Sample ID: 460-44767-4

Matrix: Solid Lab File ID: z12981.d

Analysis Method: 8270C Date Collected: 09/17/2012 12:40

Extract. Method: 3541 Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.04(g) Date Analyzed: 10/01/2012 04:46

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

Injection Volume: Level: (low/med) Low

% Moisture: 15.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	76		10-120
321-60-8	2-Fluorobiphenyl	85		40-109
367-12-4	2-Fluorophenol (Surr)	79		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	83		38-105
4165-62-2	Phenol-d5 (Surr)	89		41-118
1718-51-0	Terphenyl-d14 (Surr)	95		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED9-MM-2 Lab Sample ID: 460-44767-4

Matrix: Solid Lab File ID: z12981.d

Analysis Method: 8270C Date Collected: 09/17/2012 12:40

Extract. Method: 3541 Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.04(g) Date Analyzed: 10/01/2012 04:46

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

Injection Volume: Level: (low/med) Low

% Moisture: 15.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12981.d
Report Date: 01-Oct-2012 14:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12981.d
Lab Smp Id: 460-44767-A-4-C Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 04:46
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-4-C
Misc Info : 460-44767-A-4-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	15.72212	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.675)	1446312	79.3626	6300
$ 17 Phenol-d5 (SUR)	99	3.428	3.410	(0.911)	1910096	88.5294	7000
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	508165	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	898423	41.3655	3300
* 80 Naphthalene-d8	136	5.051	5.051	(1.000)	1961254	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1387377	42.5046	3400
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	916184	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.580	7.575	(1.114)	200727	76.3539	6000
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1066374	40.0000	
52 Phenanthrene	178	8.269	8.275	(1.002)	15739	0.51798	41(a)
56 Fluoranthene	202	9.427	9.427	(1.143)	32987	1.40503	110(a)
57 Pyrene	202	9.645	9.645	(0.886)	24889	1.24872	98(a)
$ 78 Terphenyl-d14	244	9.822	9.816	(0.902)	575541	47.6514	3800

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12981.d
Report Date: 01-Oct-2012 14:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	61 Benzo(a)anthracene	228	10.874	10.874	(0.999)	6786	0.58161	46(H)
*	81 Chrysene-d12	240	10.886	10.886	(1.000)	407425	40.0000	
	62 Chrysene	228	10.916	10.916	(1.003)	9059	0.78550	62(a)
	65 Benzo(b)fluoranthene	252	12.157	12.157	(0.962)	8222	0.91810	72
	67 Benzo(a)pyrene	252	12.563	12.563	(0.994)	4139	0.53601	42
*	84 Perylene-d12	264	12.639	12.639	(1.000)	319207	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.107)	2742	0.40816	32(a)
	70 Benzo(g,h,i)perylene	276	14.333	14.333	(1.134)	3041	0.40561	32(a)

QC Flag Legend

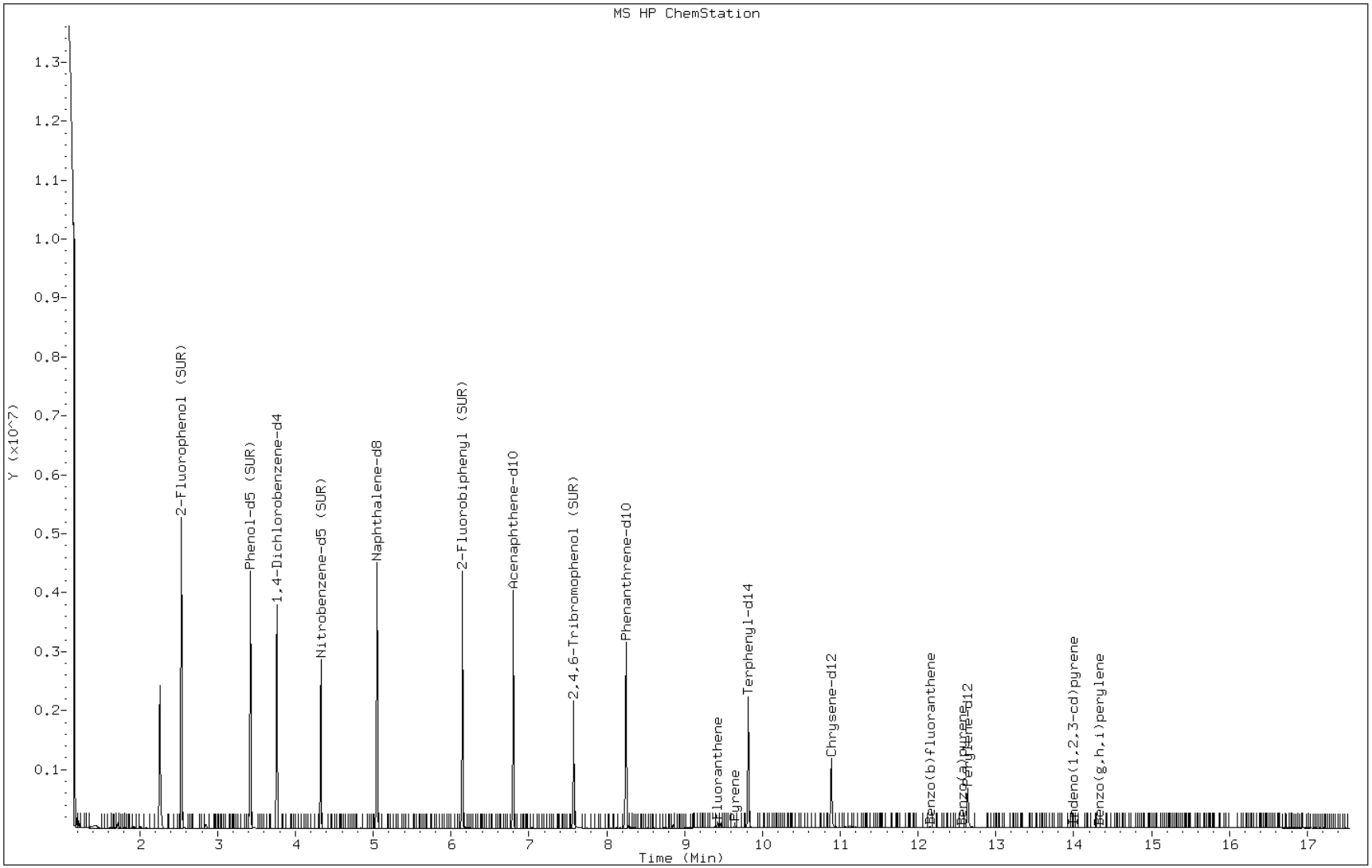
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4



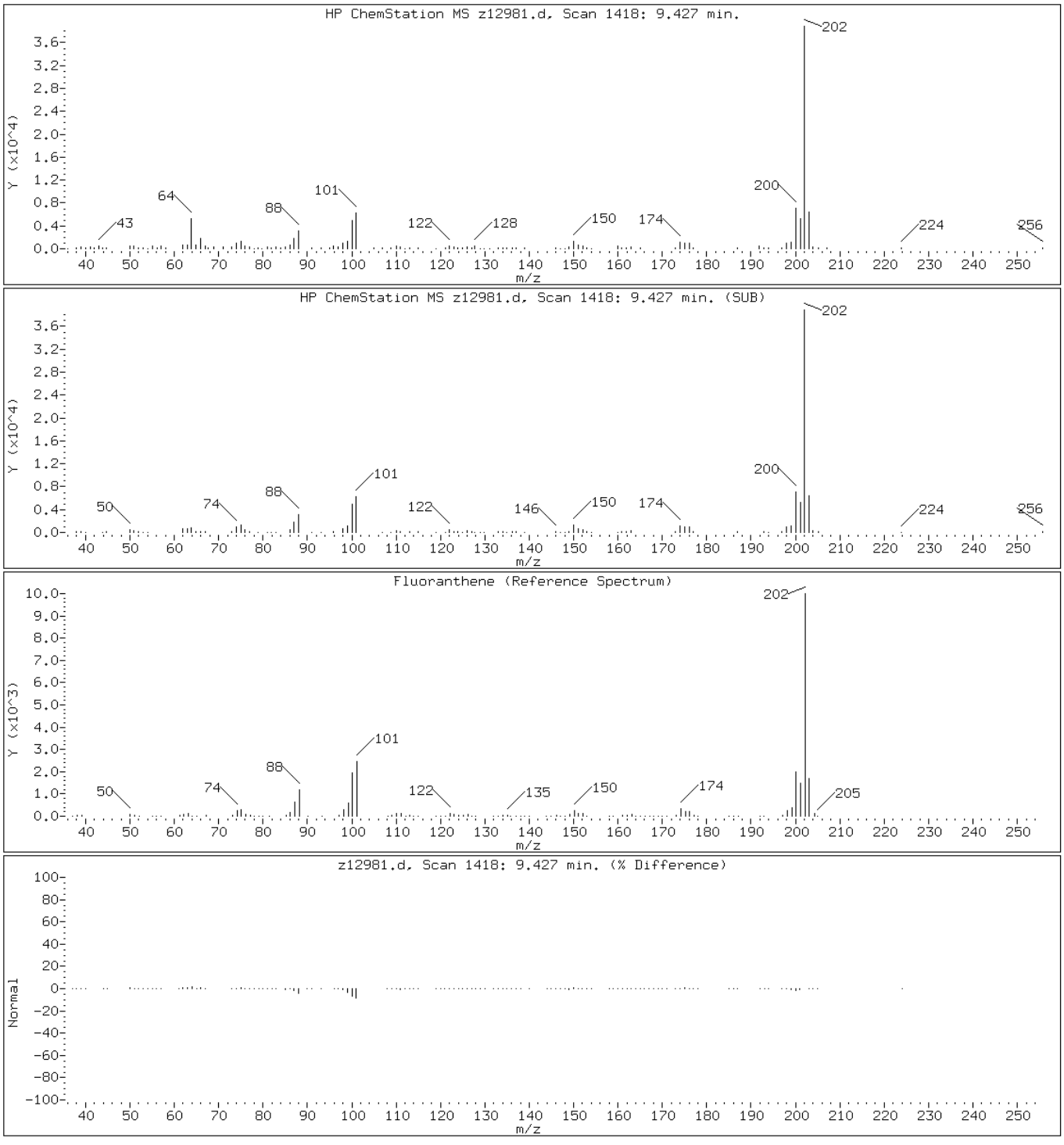
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

56 Fluoranthene



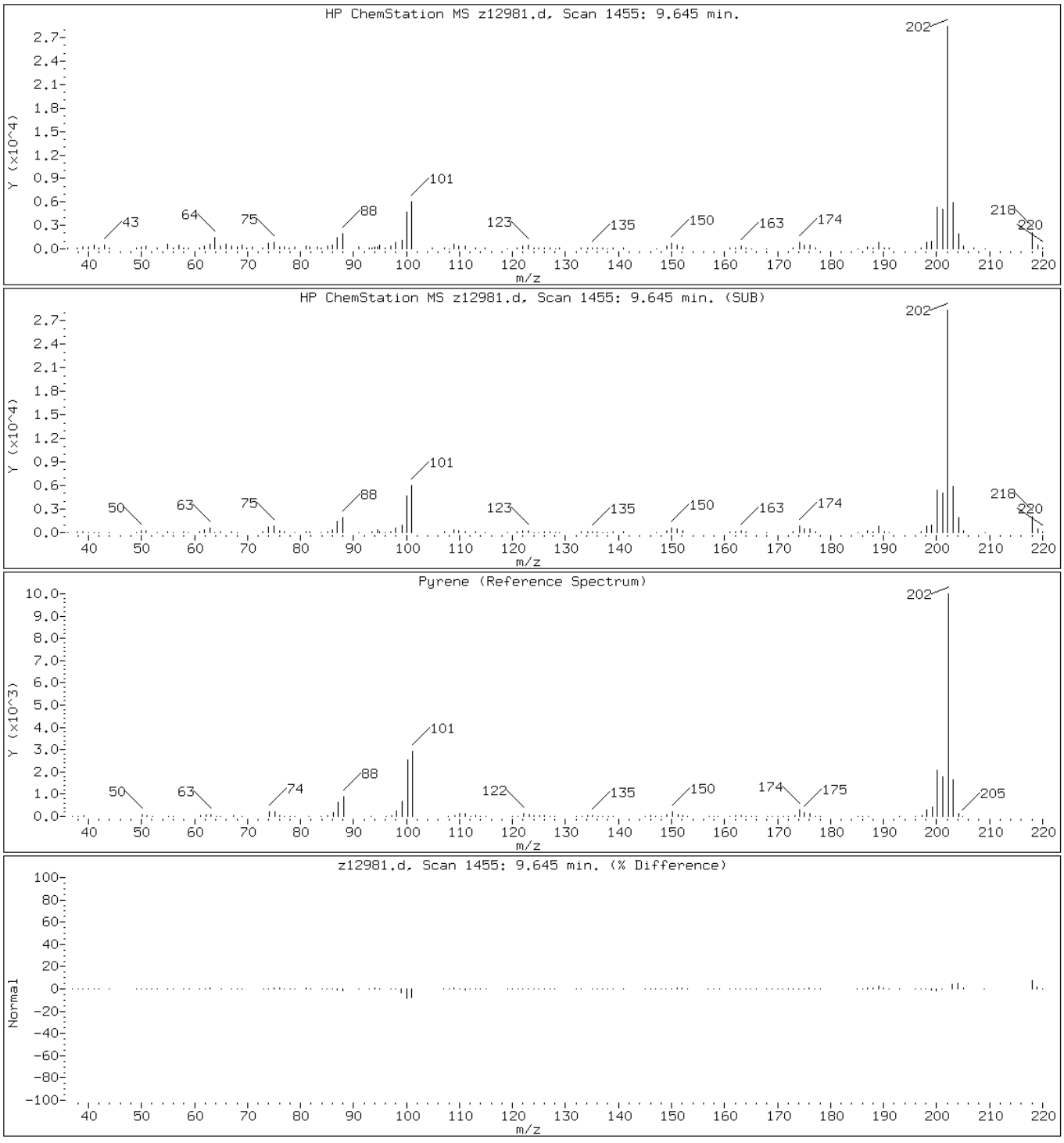
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

57 Pyrene



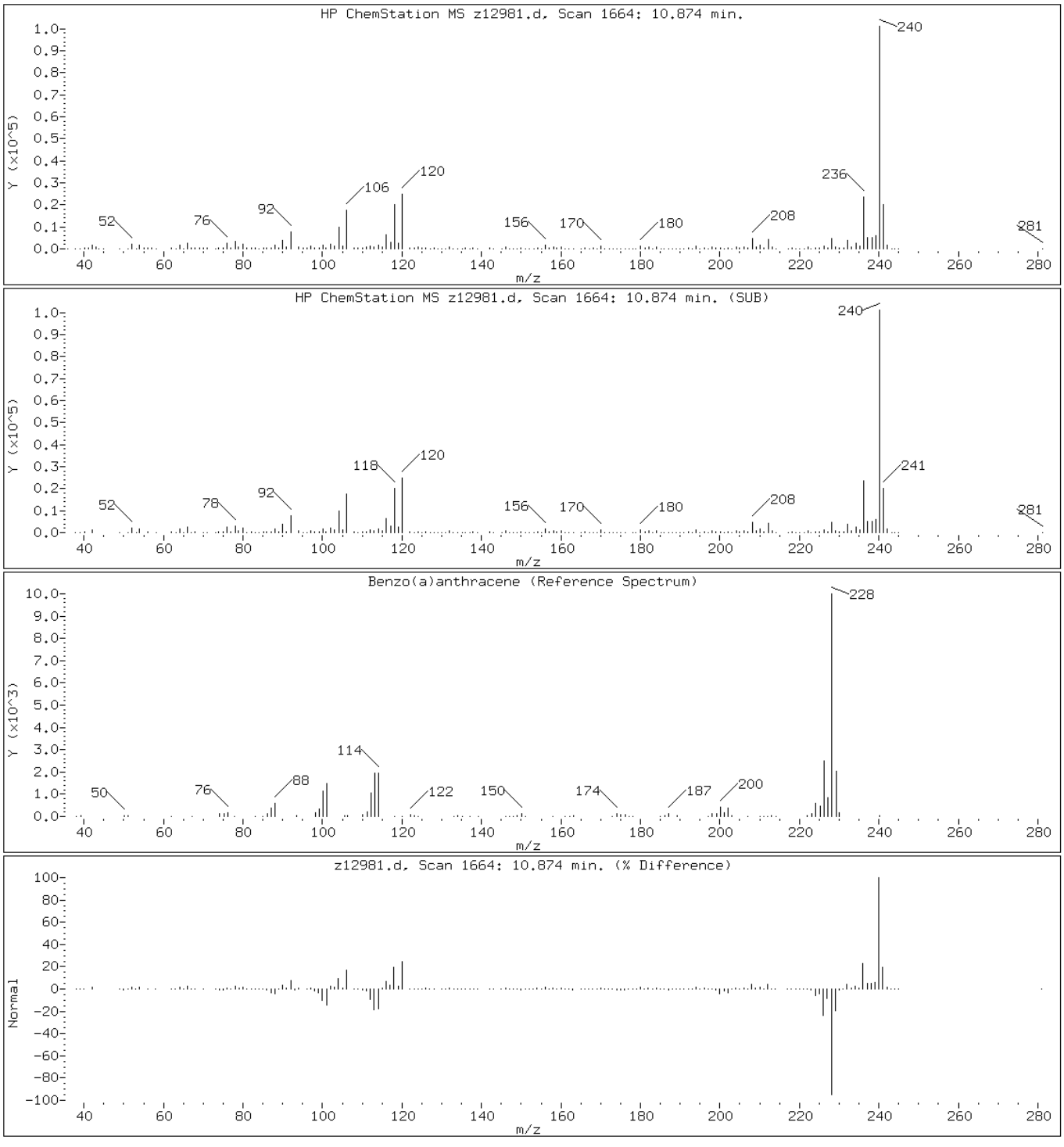
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

61 Benzo(a)anthracene



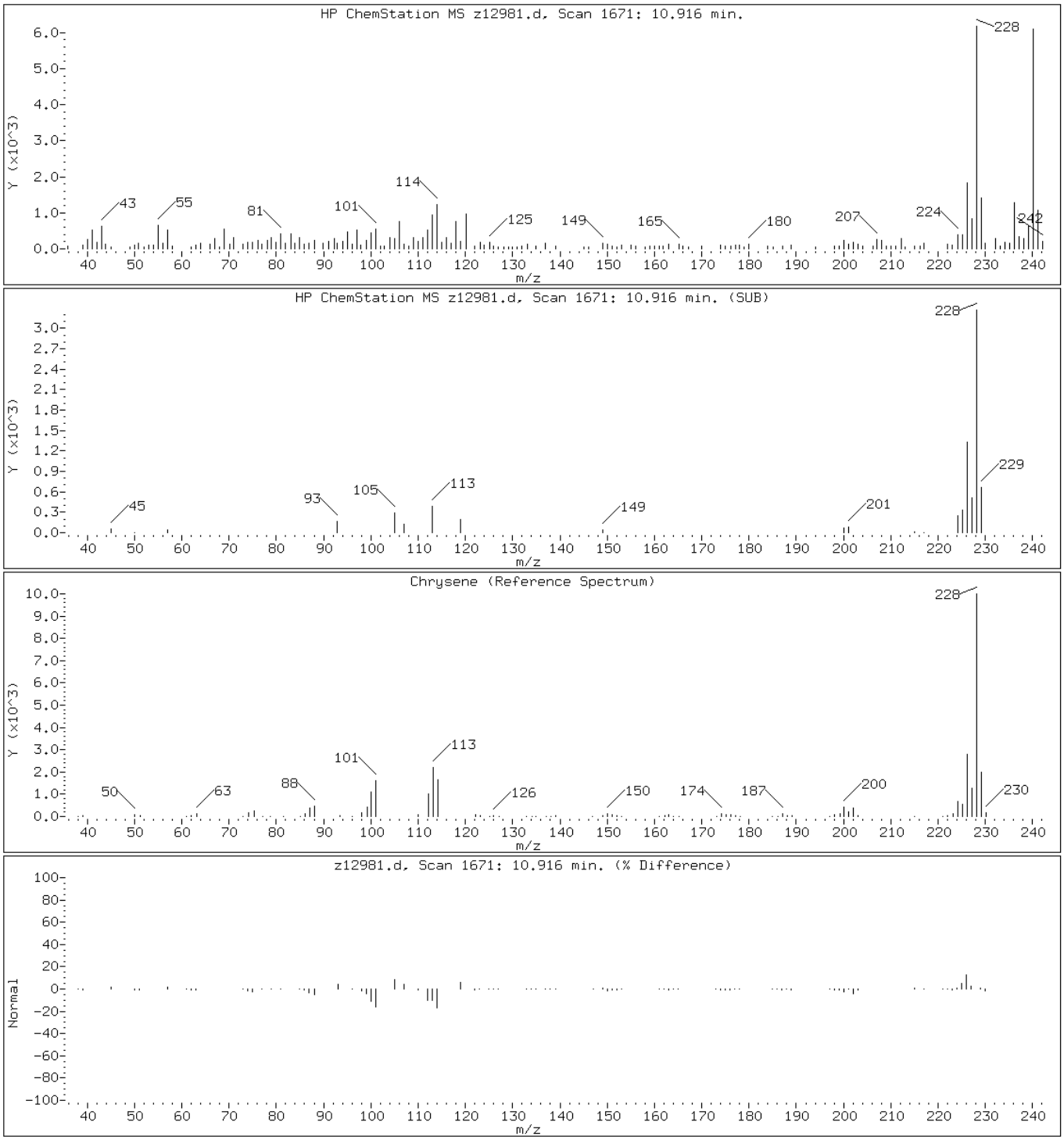
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

62 Chrysene



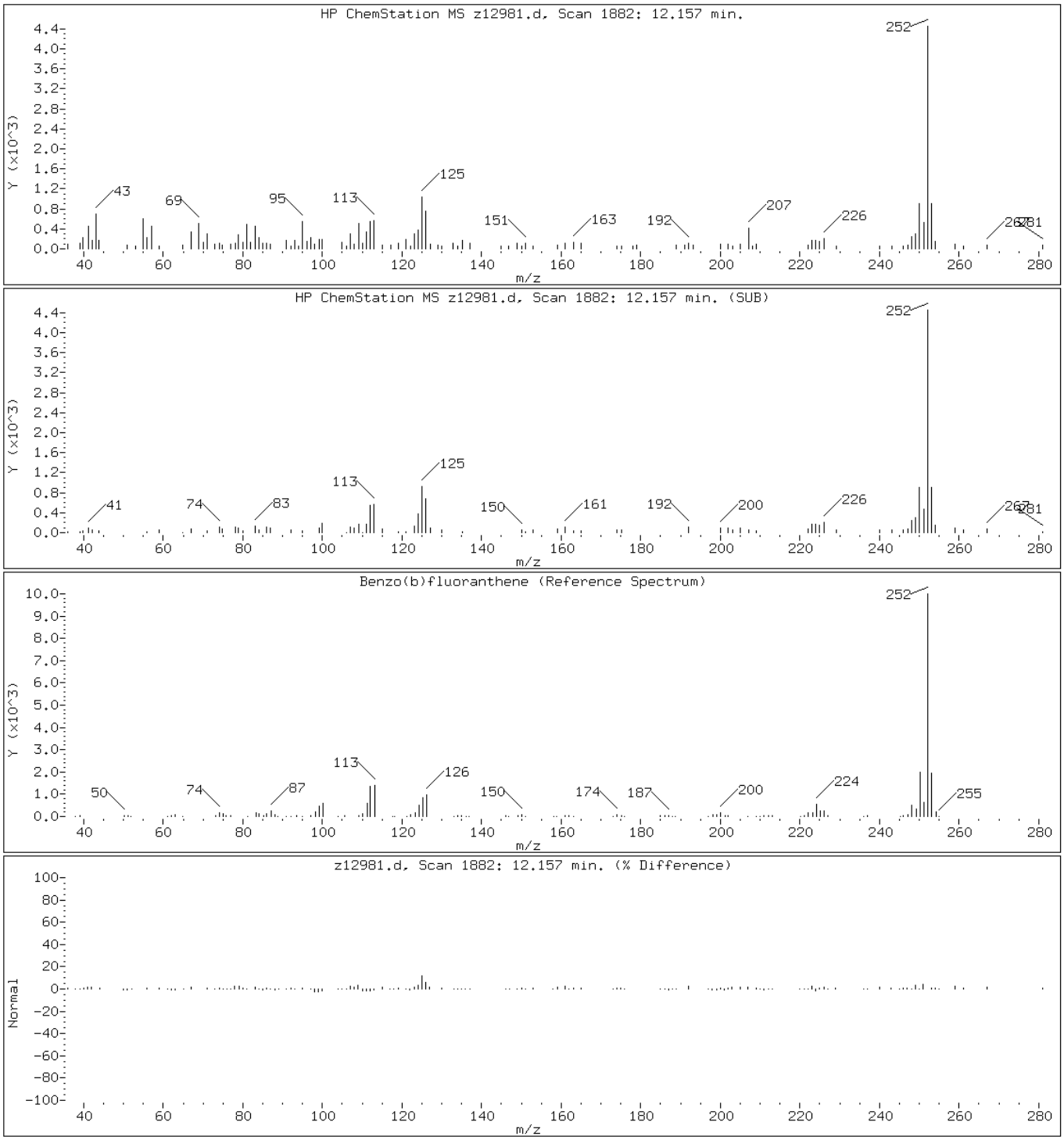
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



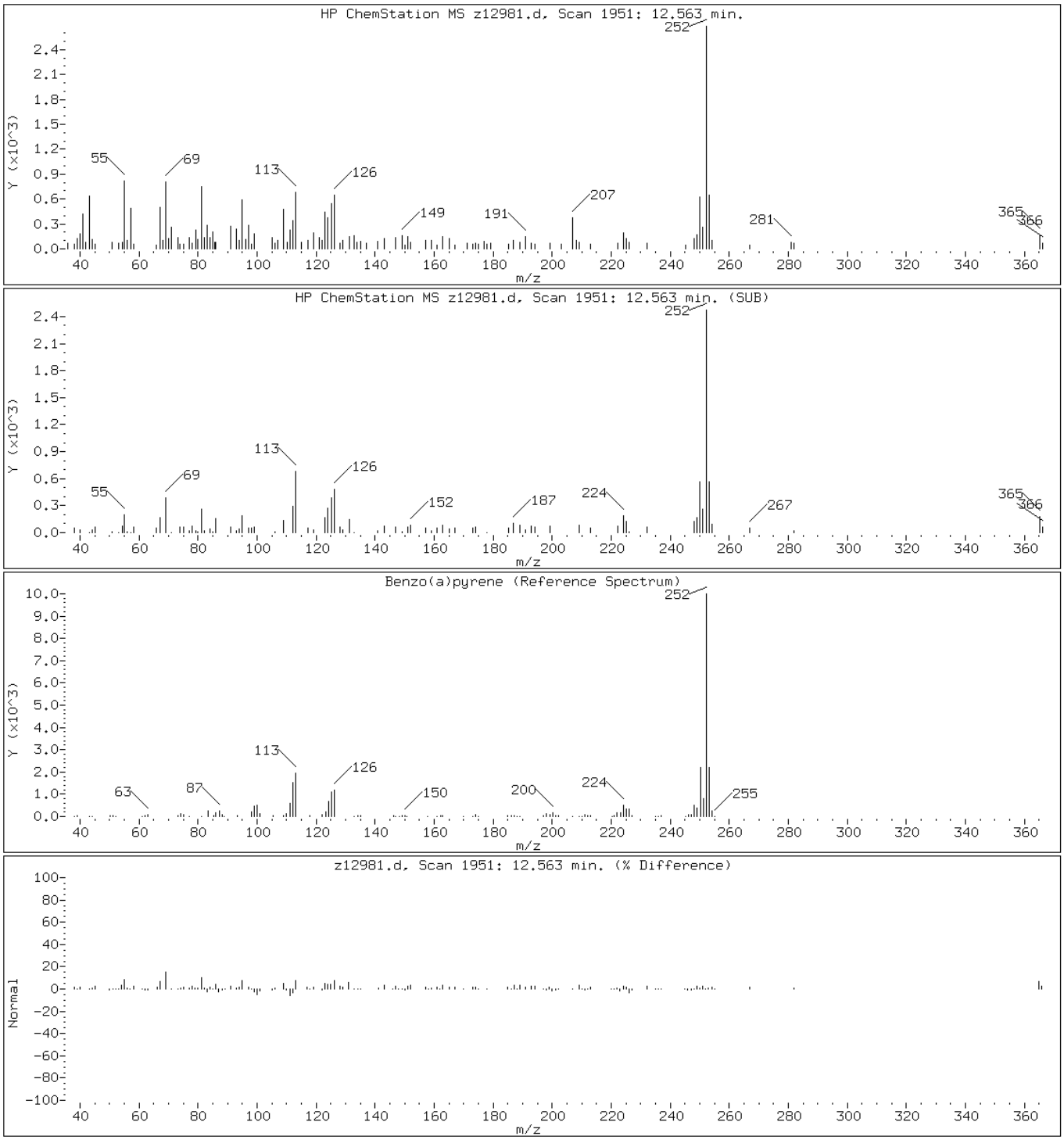
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

67 Benzo(a)pyrene



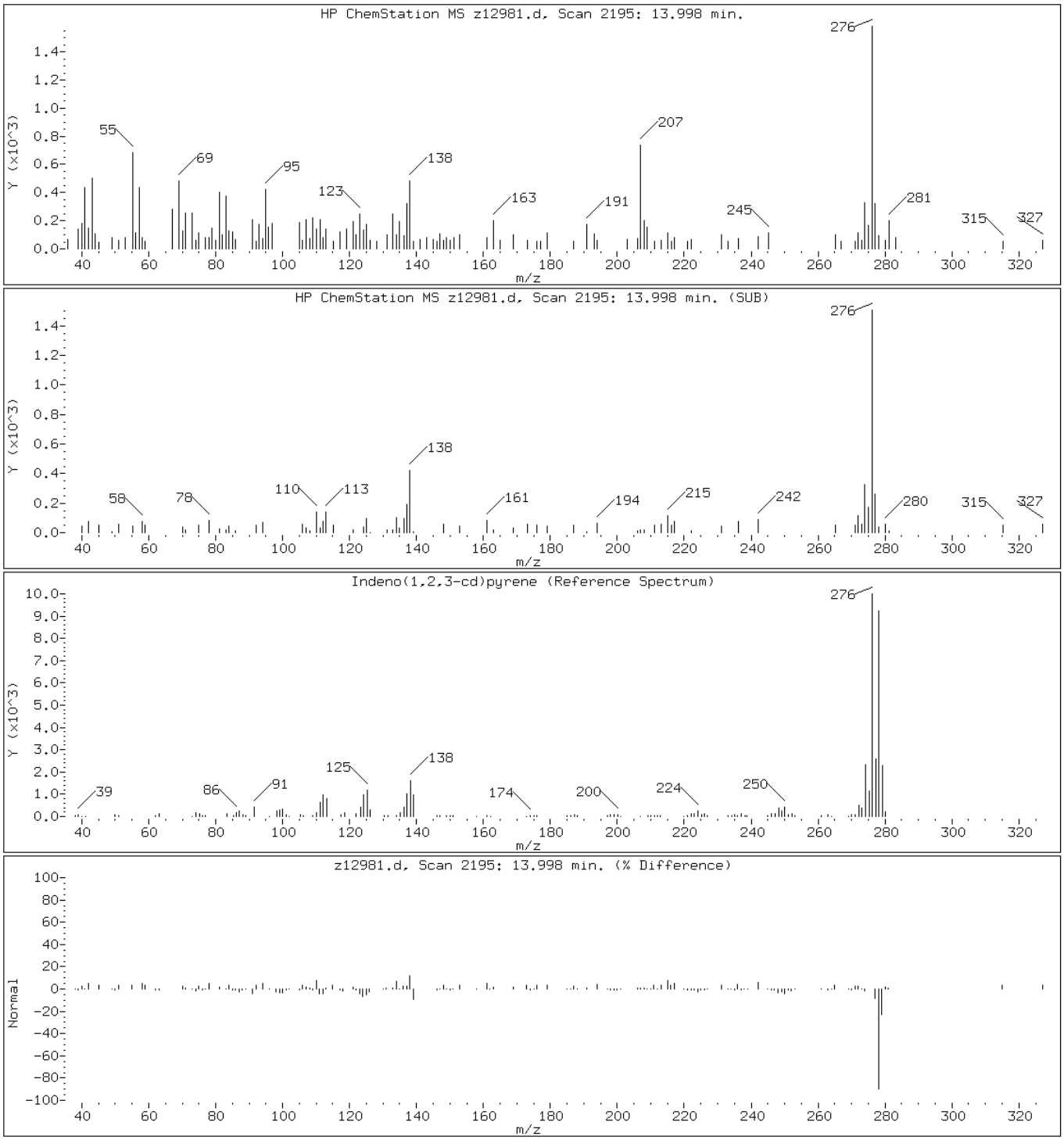
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



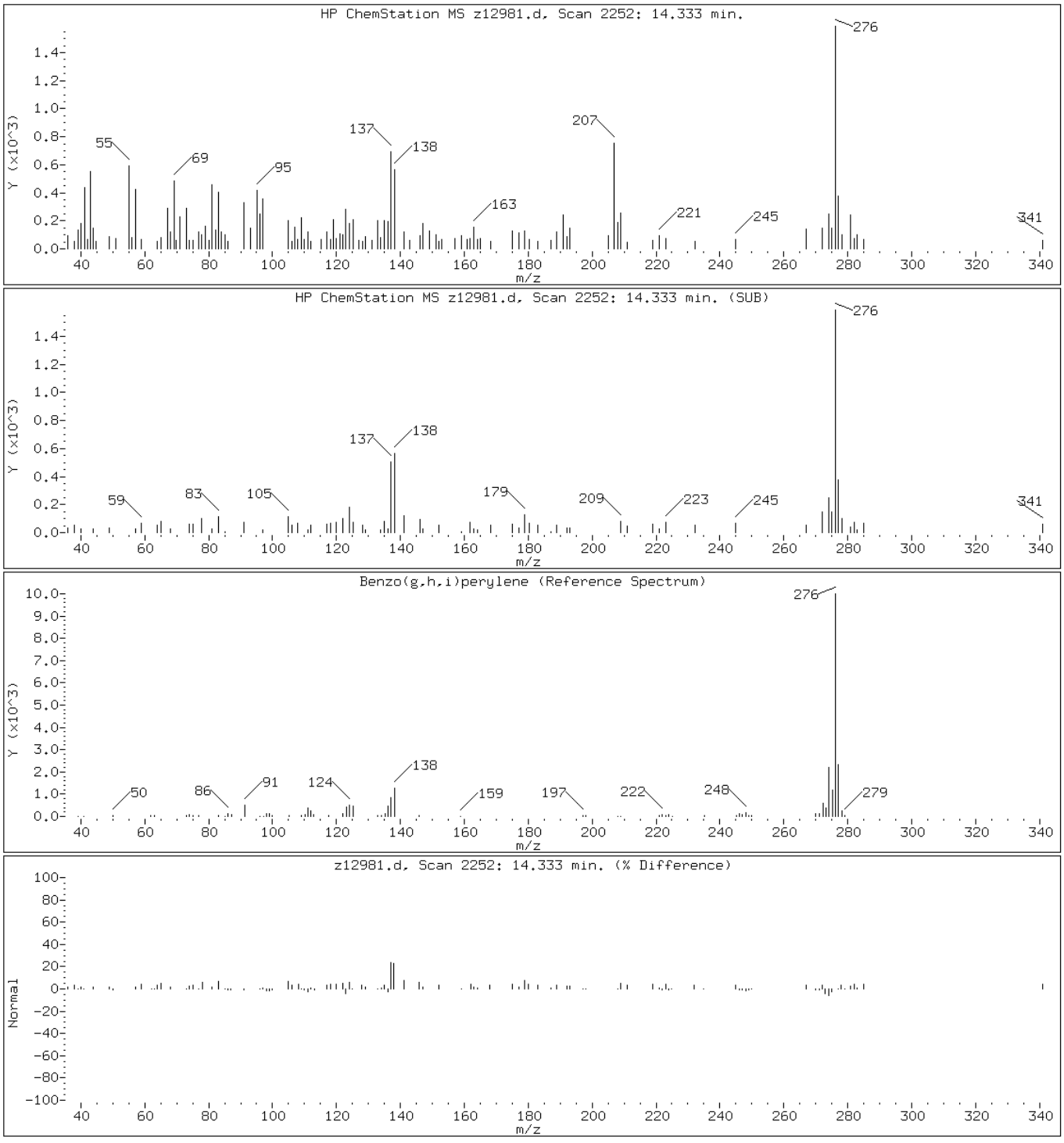
Data File: z12981.d

Date: 01-OCT-2012 04:46

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-4-C Operator: BNAMS 4

70 Benzo(g,h,i)perylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED8-MM-2 | Lab Sample ID: 460-44767-5

Matrix: Solid | Lab File ID: z12978.d

Analysis Method: 8270C | Date Collected: 09/17/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) | Date Analyzed: 10/01/2012 03:35

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

Injection Volume: | Level: (low/med) Low

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	49	U	410	49
108-95-2	Phenol	56	U	410	56
111-44-4	Bis(2-chloroethyl)ether	5.7	U	41	5.7
95-57-8	2-Chlorophenol	55	U	410	55
95-48-7	2-Methylphenol	71	U	410	71
108-60-1	2,2'-oxybis[1-chloropropane]	46	U	410	46
98-86-2	Acetophenone	64	U	410	64
106-44-5	4-Methylphenol	82	U	410	82
621-64-7	N-Nitrosodi-n-propylamine	6.9	U	41	6.9
67-72-1	Hexachloroethane	4.6	U	41	4.6
98-95-3	Nitrobenzene	5.9	U	41	5.9
78-59-1	Isophorone	50	U	410	50
88-75-5	2-Nitrophenol	46	U	410	46
105-67-9	2,4-Dimethylphenol	100	U	410	100
111-91-1	Bis(2-chloroethoxy)methane	54	U	410	54
120-83-2	2,4-Dichlorophenol	61	U	410	61
91-20-3	Naphthalene	48	U	410	48
106-47-8	4-Chloroaniline	110	U	410	110
87-68-3	Hexachlorobutadiene	10	U	84	10
105-60-2	Caprolactam	96	U	410	96
59-50-7	4-Chloro-3-methylphenol	63	U	410	63
91-57-6	2-Methylnaphthalene	53	U	410	53
77-47-4	Hexachlorocyclopentadiene	49	U	410	49
88-06-2	2,4,6-Trichlorophenol	49	U	410	49
95-95-4	2,4,5-Trichlorophenol	54	U	410	54
92-52-4	1,1'-Biphenyl	56	U	410	56
91-58-7	2-Chloronaphthalene	46	U	410	46
88-74-4	2-Nitroaniline	170	U	840	170
131-11-3	Dimethyl phthalate	49	U	410	49
606-20-2	2,6-Dinitrotoluene	13	U	84	13
208-96-8	Acenaphthylene	49	U	410	49
99-09-2	3-Nitroaniline	150	U	840	150
83-32-9	Acenaphthene	61	U	410	61
51-28-5	2,4-Dinitrophenol	240	U	1300	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED8-MM-2 | Lab Sample ID: 460-44767-5

Matrix: Solid | Lab File ID: z12978.d

Analysis Method: 8270C | Date Collected: 09/17/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) | Date Analyzed: 10/01/2012 03:35

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

Injection Volume: | Level: (low/med) Low

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	270	U	1300	270
132-64-9	Dibenzofuran	49	U	410	49
121-14-2	2,4-Dinitrotoluene	14	U	84	14
84-66-2	Diethyl phthalate	50	U	410	50
86-73-7	Fluorene	53	U	410	53
7005-72-3	4-Chlorophenyl phenyl ether	49	U	410	49
100-01-6	4-Nitroaniline	130	U	840	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1300	110
86-30-6	N-Nitrosodiphenylamine	41	U	410	41
101-55-3	4-Bromophenyl phenyl ether	41	U	410	41
118-74-1	Hexachlorobenzene	5.7	U	41	5.7
1912-24-9	Atrazine	64	U	410	64
87-86-5	Pentachlorophenol	120	U	1300	120
85-01-8	Phenanthrene	53	U	410	53
120-12-7	Anthracene	51	U	410	51
86-74-8	Carbazole	49	U	410	49
84-74-2	Di-n-butyl phthalate	51	U	410	51
206-44-0	Fluoranthene	55	U	410	55
129-00-0	Pyrene	35	U	410	35
85-68-7	Butyl benzyl phthalate	38	U	410	38
91-94-1	3,3'-Dichlorobenzidine	150	U	840	150
56-55-3	Benzo[a]anthracene	2.9	U	41	2.9
218-01-9	Chrysene	49	U	410	49
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	410	140
117-84-0	Di-n-octyl phthalate	27	U	410	27
205-99-2	Benzo[b]fluoranthene	2.6	U	41	2.6
207-08-9	Benzo[k]fluoranthene	3.2	U	41	3.2
50-32-8	Benzo[a]pyrene	2.9	U	41	2.9
193-39-5	Indeno[1,2,3-cd]pyrene	7.7	U	41	7.7
53-70-3	Dibenz(a,h)anthracene	5.2	U	41	5.2
191-24-2	Benzo[g,h,i]perylene	31	U	410	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED8-MM-2 Lab Sample ID: 460-44767-5

Matrix: Solid Lab File ID: z12978.d

Analysis Method: 8270C Date Collected: 09/17/2012 13:30

Extract. Method: 3541 Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) Date Analyzed: 10/01/2012 03:35

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

Injection Volume: Level: (low/med) Low

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	80		10-120
321-60-8	2-Fluorobiphenyl	82		40-109
367-12-4	2-Fluorophenol (Surr)	79		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	80		38-105
4165-62-2	Phenol-d5 (Surr)	88		41-118
1718-51-0	Terphenyl-d14 (Surr)	94		16-151

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

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED8-MM-2 | Lab Sample ID: 460-44767-5

Matrix: Solid | Lab File ID: z12978.d

Analysis Method: 8270C | Date Collected: 09/17/2012 13:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) | Date Analyzed: 10/01/2012 03:35

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

Injection Volume: | Level: (low/med) Low

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

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

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12978.d
Report Date: 01-Oct-2012 10:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12978.d
Lab Smp Id: 460-44767-A-5-C Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 03:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-5-C
Misc Info : 460-44767-A-5-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	20.68966	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.675)	1472700	78.5259	6600
$ 17 Phenol-d5 (SUR)	99	3.428	3.410	(0.911)	1942931	87.5053	7300
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	522950	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	909925	40.2312	3400
* 80 Naphthalene-d8	136	5.051	5.051	(1.000)	2042363	40.0000	
31 Naphthalene	128	5.069	5.075	(1.003)	6534	0.11605	9.7(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1488393	41.0182	3400
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	1018510	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.580	7.575	(1.114)	234656	80.2924	6700
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1297644	40.0000	
$ 78 Terphenyl-d14	244	9.822	9.816	(0.902)	783897	47.1538	4000
* 81 Chrysene-d12	240	10.886	10.886	(1.000)	560776	40.0000	
* 84 Perylene-d12	264	12.639	12.639	(1.000)	377503	40.0000	

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12978.d
Report Date: 01-Oct-2012 10:23

QC Flag Legend

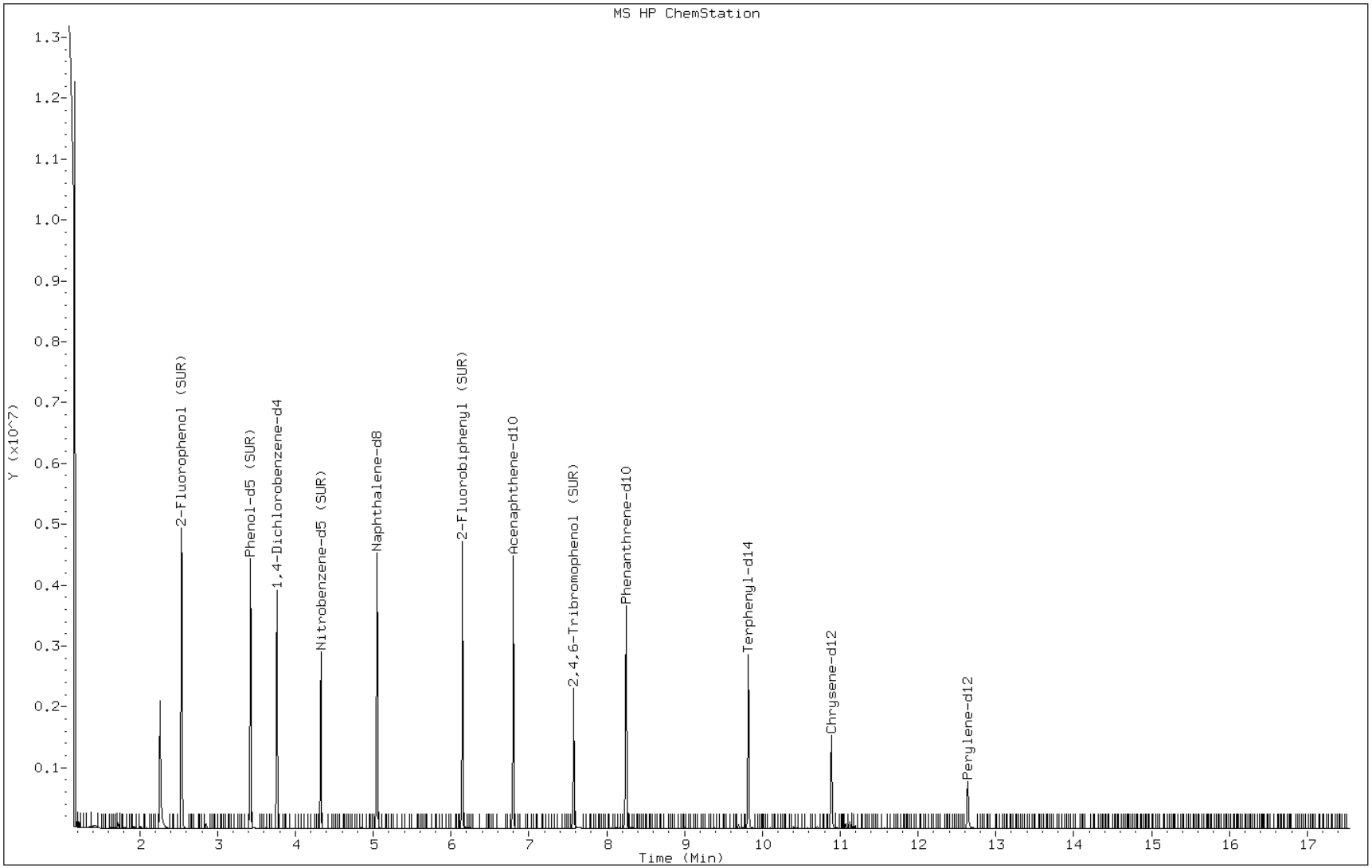
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: z12978.d

Date: 01-OCT-2012 03:35

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-5-C Operator: BNAMS 4



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

Lab Name: TestAmerica Edison Job No.: 460-44767-1 Analy Batch No.: 130002

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 21:20 Calibration End Date: 09/30/2012 23:43 Calibration ID: 17898

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-130002/6	z12970.d
Level 2	IC 460-130002/5	z12968.d
Level 3	ICIS 460-130002/2	z12965.d
Level 4	IC 460-130002/4	z12967.d
Level 5	IC 460-130002/3	z12966.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Toluidine	0	0	0	0	0	Ave					0.0500			30.0			
1,4-Dioxane	0.7016	0.6709	0.6296	0.6418	0.6941	Ave		0.6676			0.0500	4.7		30.0			
N-Nitrosodimethylamine	0.9686	0.9496	0.9123	0.9088	0.9258	Ave		0.9330			0.0500	2.7		30.0			
Pyridine	1.8157	1.7161	1.5669	1.5715	1.6544	Ave		1.6649			0.0500	6.3		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1299	+++++	+++++	Ave		0.1299			0.0500			30.0			
Benzaldehyde	1.1112	0.8654	0.5046	0.3428	0.2062	Ave		0.6060			0.0500	61.8	*	30.0			
Aniline	2.5242	2.2424	2.0470	1.8679	1.6141	Ave		2.0591			0.0500	16.9		30.0			
Phenol	2.4620	2.0642	1.8753	1.7488	1.7806	Ave		1.9862			0.0500	14.8		30.0			
Bis(2-chloroethyl)ether	1.7576	1.5710	1.4767	1.4471	1.9723	Ave		1.6450			0.0500	13.3		30.0			
2-Chlorophenol	1.8520	1.6216	1.4765	1.4043	1.3269	Ave		1.5362			0.0500	13.5		30.0			
n-Decane	1.7759	1.7523	1.5314	1.4504	1.4577	Ave		1.5935			0.0500	10.0		30.0			
1,3-Dichlorobenzene	1.8292	1.7353	1.6404	1.6168	1.6822	Ave		1.7008			0.0500	5.0		30.0			
1,4-Dichlorobenzene	1.8057	1.7495	1.6325	1.5920	1.6565	Ave		1.6872			0.0500	5.2		30.0			
Benzyl alcohol	0.9986	0.9611	0.8890	0.8392	0.8655	Ave		0.9107			0.0500	7.3		30.0			
1,2-Dichlorobenzene	1.7264	1.6359	1.4947	1.4390	1.4982	Ave		1.5588			0.0500	7.6		30.0			
2-Methylphenol	1.5929	1.3373	1.2189	1.1595	1.1138	Ave		1.2845			0.0500	14.9		30.0			
2,2'-oxybis[1-chloropropane]	2.0427	1.9216	1.7460	1.5578	1.6265	Ave		1.7789			0.0500	11.4		30.0			
Acetophenone	1.9778	1.8998	1.7373	1.6550	1.6878	Ave		1.7915			0.0500	7.8		30.0			
N-Nitrosodi-n-propylamine	1.0787	1.0334	0.9346	0.9374	0.9415	Ave		0.9851			0.0500	6.8		30.0			
3 & 4 Methylphenol	1.6051	1.3233	1.2186	1.1737	1.0752	Ave		1.2792			0.0500	15.9		30.0			
4-Methylphenol	1.6051	1.3233	1.2186	1.1737	1.0752	Ave		1.2792			0.0500	15.9		30.0			
Hexachloroethane	0.6735	0.6865	0.6407	0.6185	0.6304	Ave		0.6499			0.0500	4.4		30.0			
Nitrobenzene	0.6295	0.5938	0.5601	0.4939	0.5063	Ave		0.5567			0.0500	10.3		30.0			
n,n'-Dimethylaniline	2.2594	2.2073	1.9796	1.8552	1.8909	Ave		2.0385			0.0500	9.0		30.0			
Isophorone	0.7175	0.6914	0.6819	0.6450	0.6864	Ave		0.6844			0.0500	3.8		30.0			
2-Nitrophenol	0.2253	0.2085	0.2090	0.1997	0.2017	Ave		0.2088			0.0500	4.8		30.0			
2,4-Dimethylphenol	0.4046	0.3426	0.3280	0.3066	0.3003	Ave		0.3364			0.0500	12.4		30.0			
Bis(2-chloroethoxy)methane	0.4662	0.4481	0.4335	0.4016	0.4259	Ave		0.4351			0.0500	5.6		30.0			
2,4-Dichlorophenol	0.3256	0.2853	0.2666	0.2523	0.2433	Ave		0.2746			0.0500	11.9		30.0			
1,2,4-Trichlorobenzene	0.3270	0.3134	0.3030	0.2937	0.3121	Ave		0.3098			0.0500	4.0		30.0			
Naphthalene	1.2355	1.1737	1.1027	1.0237	1.0768	Ave		1.1225			0.0500	7.4		30.0			
4-Chloroaniline	0.4388	0.4149	0.3857	0.3504	0.3589	Ave		0.3897			0.0500	9.6		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1 Analy Batch No.: 130002

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 21:20 Calibration End Date: 09/30/2012 23:43 Calibration ID: 17898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1701	0.1643	0.1555	0.1472	0.1587	Ave		0.1592			0.0500	5.5		30.0			
Caprolactam	0.0771	0.0800	0.0857	0.0811	0.0796	Ave		0.0807			0.0500	3.9		30.0			
4-Chloro-3-methylphenol	0.3232	0.2816	0.2762	0.2594	0.2453	Ave		0.2771			0.0500	10.6		30.0			
2-Methylnaphthalene	0.6991	0.6679	0.6301	0.5888	0.6261	Ave		0.6424			0.0500	6.6		30.0			
1-Methylnaphthalene	0.7156	0.6921	0.6415	0.6049	0.6301	Ave		0.6569			0.0500	7.0		30.0			
Hexachlorocyclopentadiene	0.2633	0.2915	0.2920	0.3092	0.3352	Ave		0.2982			0.0500	8.9		30.0			
2,4,6-Trichlorophenol	0.4009	0.3603	0.3532	0.3495	0.3615	Ave		0.3651			0.0500	5.7		30.0			
2,4,5-Trichlorophenol	0.4052	0.3699	0.3434	0.3494	0.3338	Ave		0.3603			0.0500	7.9		30.0			
1,1'-Biphenyl	1.6828	1.7003	1.5811	1.4889	1.5308	Ave		1.5968			0.0500	5.8		30.0			
2-Chloronaphthalene	1.3039	1.2358	1.1524	1.1276	1.1588	Ave		1.1957			0.0500	6.1		30.0			
Phenyl ether	0.9112	0.8971	0.8573	0.8326	0.8681	Ave		0.8732			0.0500	3.6		30.0			
2-Nitroaniline	0.3955	0.3813	0.3799	0.3771	0.3644	Ave		0.3797			0.0500	2.9		30.0			
Dimethyl phthalate	1.1951	1.1557	1.1287	1.0892	1.1250	Ave		1.1387			0.0500	3.5		30.0			
Coumarin	0.1737	0.1704	0.1677	0.1570	0.1612	Ave		0.1660			0.0500	4.1		30.0			
2,6-Dinitrotoluene	0.2379	0.2616	0.2671	0.2572	0.2704	Ave		0.2588			0.0500	4.9		30.0			
Acenaphthylene	2.0829	1.9209	1.8676	1.7850	1.8328	Ave		1.8978			0.0500	6.0		30.0			
3-Nitroaniline	0.2842	0.2689	0.2665	0.2554	0.2538	Ave		0.2658			0.0500	4.6		30.0			
Acenaphthene	1.1961	1.1538	1.0768	1.0272	1.0558	Ave		1.1019			0.0500	6.4		30.0			
2,4-Dinitrophenol	0.0802	0.1136	0.1264	0.1304	0.1331	Ave		0.1167			0.0500	18.6		30.0			
4-Nitrophenol	0.1746	0.1838	0.1912	0.1909	0.1921	Ave		0.1865			0.0500	4.0		30.0			
Dibenzofuran	1.6349	1.5861	1.4994	1.4477	1.4980	Ave		1.5332			0.0500	4.9		30.0			
2,4-Dinitrotoluene	0.3012	0.3073	0.3012	0.2929	0.3023	Ave		0.3010			0.0500	1.7		30.0			
Diethyl phthalate	1.0791	1.0755	1.0686	1.0402	1.0712	Ave		1.0669			0.0500	1.4		30.0			
Fluorene	1.2929	1.2382	1.1774	1.1274	1.1386	Ave		1.1949			0.0500	5.8		30.0			
4-Chlorophenyl phenyl ether	0.5680	0.5450	0.5144	0.4999	0.5026	Ave		0.5260			0.0500	5.6		30.0			
4-Nitroaniline	0.2131	0.2146	0.2061	0.2080	0.1852	Ave		0.2054			0.0500	5.8		30.0			
4,6-Dinitro-2-methylphenol	0.1128	0.1310	0.1384	0.1408	0.1464	Ave		0.1339			0.0500	9.7		30.0			
N-Nitrosodiphenylamine	0.6810	0.6835	0.6424	0.6406	0.6462	Ave		0.6587			0.0500	3.3		30.0			
1,2-Diphenylhydrazine	1.2025	1.4217	1.3977	1.3031	1.4682	Ave		1.3587			0.0500	7.8		30.0			
4-Bromophenyl phenyl ether	0.2300	0.2306	0.2198	0.2196	0.2363	Ave		0.2273			0.0500	3.2		30.0			
Hexachlorobenzene	0.2583	0.2321	0.2236	0.2195	0.2296	Ave		0.2326			0.0500	6.5		30.0			
Atrazine	0.1964	0.1955	0.1991	0.1850	0.1925	Ave		0.1937			0.0500	2.8		30.0			
Pentachlorophenol	0.1118	0.1281	0.1274	0.1291	0.1340	Ave		0.1261			0.0500	6.7		30.0			
Phenanthrene	1.2178	1.1777	1.1398	1.0839	1.1436	Ave		1.1525			0.0500	4.3		30.0			
Anthracene	1.2140	1.2108	1.1590	1.1009	1.1603	Ave		1.1690			0.0500	4.0		30.0			
Carbazole	0.9621	0.9326	0.9193	0.8634	0.9130	Ave		0.9181			0.0500	3.9		30.0			
Di-n-butyl phthalate	1.1430	1.2243	1.2212	1.1648	1.2552	Ave		1.2017			0.0500	3.9		30.0			
Fluoranthene	0.8964	0.9050	0.8807	0.8371	0.8807	Ave		0.8799			0.0500	3.0		30.0			
Benzidine	0.1267	0.1999	0.0611	0.0322	0.0207	Ave		0.0881			0.0500	84.9	*	30.0			
Pyrene	2.0544	2.0703	1.9568	1.9370	1.9864	Ave		2.0010			0.0500	2.9		30.0			
Butyl benzyl phthalate	0.7858	0.8597	0.8616	0.8382	0.8875	Ave		0.8466			0.0500	4.5		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1 Analy Batch No.: 130002

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 21:20 Calibration End Date: 09/30/2012 23:43 Calibration ID: 17898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.3584	0.3733	0.3188	0.3012	0.2833	Ave		0.3270			0.0500	11.6		30.0			
Benzo[a]anthracene	1.3723	1.2023	1.1455	1.1454	1.2140	Ave		1.2159			0.0500	7.6		30.0			
Chrysene	1.1604	1.1814	1.1323	1.1157	1.1251	Ave		1.1430			0.0500	2.4		30.0			
Bis(2-ethylhexyl) phthalate	1.0484	1.1376	1.1107	1.1159	1.1867	Ave		1.1198			0.0500	4.5		30.0			
Di-n-octyl phthalate	1.6477	2.0143	2.0062	2.0013	2.0983	Ave		1.9536			0.0500	9.0		30.0			
Benzo[b]fluoranthene	0.8604	1.1307	1.1222	1.1399	1.1779	Ave		1.0862			0.0500	11.8		30.0			
Benzo[k]fluoranthene	1.2380	1.3238	1.3183	1.2020	1.3124	Ave		1.2789			0.0500	4.3		30.0			
Benzo[a]pyrene	0.7355	0.9359	0.9676	0.9575	1.0172	Ave		0.9227			0.0500	11.8		30.0			
Indeno[1,2,3-cd]pyrene	0.5212	0.8003	0.8418	0.8659	0.9197	Ave		0.7898			0.0500	19.8		30.0			
Dibenz(a,h)anthracene	0.5485	0.8469	0.8869	0.8837	0.9720	Ave		0.8276			0.0500	19.7		30.0			
Benzo[g,h,i]perylene	0.8361	0.9401	0.9395	0.9190	1.0030	Ave		0.9275			0.0500	6.5		30.0			
2-Fluorophenol (Surr)	1.5675	1.5686	1.4345	1.3593	1.4055	Ave		1.4671			0.0500	6.5		30.0			
Phenol-d5 (Surr)	2.0055	1.9127	1.6983	1.5312	1.5842	Ave		1.7464			0.0500	11.8		30.0			
Nitrobenzene-d5 (Surr)	0.4453	0.4580	0.4430	0.4080	0.4133	Ave		0.4335			0.0500	5.0		30.0			
2-Fluorobiphenyl	1.4888	1.5292	1.4251	1.3487	1.4172	Ave		1.4418			0.0500	4.8		30.0			
2,4,6-Tribromophenol (Surr)	0.1167	0.1202	0.1148	0.1085	0.1111	Ave		0.1143			0.0500	4.0		30.0			
Terphenyl-d14 (Surr)	1.2431	1.2794	1.1858	1.1445	1.2046	Ave		1.2115			0.0500	4.3		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1 Analy Batch No.: 130002

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 21:20 Calibration End Date: 09/30/2012 23:43 Calibration ID: 17898

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-130002/6	z12970.d
Level 2	IC 460-130002/5	z12968.d
Level 3	ICIS 460-130002/2	z12965.d
Level 4	IC 460-130002/4	z12967.d
Level 5	IC 460-130002/3	z12966.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
o-Toluidine	DCB	Ave	0	0	0	0	0	5.00	20.0	50.0	80.0	120
1,4-Dioxane	DCB	Ave	38746	135843	312838	499835	783939	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	53491	192282	453365	707848	1045653	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	100268	347496	778626	1223921	1868638	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	473	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	61363	175232	250758	267025	232898	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	139393	454072	1017198	1454829	1823109	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	135956	417993	931855	1362042	2011195	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	9706	318123	733820	1127091	2227679	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	102273	328355	733683	1093730	1498703	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	98073	354819	760984	1129614	1646517	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	101011	351378	815168	1259259	1900030	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	99714	354261	811202	1239957	1871042	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	55143	194608	441759	653624	977540	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	95336	331250	742750	1120765	1692195	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	87963	270792	605695	903055	1258097	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	112806	389110	867604	1213311	1837140	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	109220	384702	863281	1288996	1906388	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	5957	209251	464446	730093	1063463	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	88637	267963	605572	914120	1214495	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	88637	267963	605572	914120	1214495	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	3719	139009	318373	481723	712040	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	12829	430508	972137	1385746	2004491	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	12477	446959	983696	1444919	2135832	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	146218	501215	1183584	1809863	2717840	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	45910	151129	362717	560422	798466	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	82451	248358	569357	860419	1189048	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	95008	324860	752395	1127001	1686308	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	66354	206837	462675	707853	963147	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	6664	227232	525880	824164	1235739	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	251791	850901	1913969	2872419	4263509	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	89427	300794	669567	983214	1420938	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	6934	119144	269846	413165	628435	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	15707	57995	148816	227652	315189	5.00	20.0	50.0	80.0	120

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1 Analy Batch No.: 130002

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 21:20 Calibration End Date: 09/30/2012 23:43 Calibration ID: 17898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	65870	204179	479350	727807	971285	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	142468	484200	1093720	1652166	2479091	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	145832	501778	1113579	1697331	2494932	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	24298	91704	219972	366440	555537	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	37003	113339	266084	414228	599071	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	37394	116382	258660	414190	553205	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	155313	534900	1190948	1764805	2536951	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	120338	388782	868025	1336584	1920355	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	84098	282221	645746	986863	1438640	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	73011	119965	286168	447020	603847	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	110296	363577	850171	1290987	1864389	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	35392	123563	291053	440503	638121	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	4392	82301	201160	304832	448060	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	192234	604299	1406751	2115726	3037378	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	52455	84589	200777	302776	420683	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	110393	362973	811119	1217539	1749756	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	22219	53631	95214	154547	220512	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	48341	86753	143997	226266	318290	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	150892	498989	1129462	1715911	2482533	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	5559	96671	226887	347159	500968	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	99589	338358	804934	1232992	1775181	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	119320	389543	886913	1336309	1887027	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	52425	171460	387468	592581	833014	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	39338	67501	155245	246490	306859	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	35403	69148	116556	186859	262460	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	71268	240535	540899	850421	1158579	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	125848	500366	1176801	1729971	2632417	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	24073	81167	185032	291522	423640	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	2703	81701	188290	291451	411698	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	20557	68809	167666	245658	345099	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	35101	67617	107299	171341	240244	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	127450	414487	959612	1438864	2050415	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	127044	426132	975826	1461493	2080348	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	100684	328217	774021	1146154	1636966	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	119615	430871	1028190	1546256	2250679	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	93807	318498	741465	1111223	1579077	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	26521	105546	51480	42748	37176	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	92396	305634	712600	1069643	1498701	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	35342	126913	313750	462887	669606	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	32234	82661	116087	166336	213781	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	6172	177493	417141	632522	915904	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	52186	174417	412322	616141	848884	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	47149	167944	404465	616208	895329	5.00	20.0	50.0	80.0	120

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1 Analy Batch No.: 130002

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2012 21:20 Calibration End Date: 09/30/2012 23:43 Calibration ID: 17898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Di-n-octyl phthalate	PRY	Ave	51975	224126	569931	872024	1277641	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	2714	125809	318801	496690	717207	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	3905	147296	374516	523762	799108	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	2320	104140	274890	417200	619346	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	1644	89047	239150	377317	559970	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	1730	94238	251941	385055	591815	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	26374	104603	266897	400453	610703	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	86560	317635	712835	1058717	1587562	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	110750	387302	843938	1192534	1789350	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	90758	332024	768885	1144965	1636213	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	137400	481086	1073443	1598652	2348613	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	10775	37819	86456	128636	184125	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	55907	188883	431821	632036	908836	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12965.d
Report Date: 01-Oct-2012 01:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12965.d
Lab Smp Id: ICIS-1687742
Inj Date : 30-SEP-2012 21:20
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-1687742
Misc Info : 50 PPM BNA 4690
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.228	1.228	(0.326)	312838	50.0000	50
	19 N-Nitrosodimethylamine	74	1.440	1.440	(0.383)	453365	50.0000	50
	71 Pyridine	79	1.463	1.463	(0.389)	778626	50.0000	50
$	16 2-Fluorophenol (SUR)	112	2.505	2.505	(0.666)	712835	50.0000	50
	110 Benzaldehyde	77	3.316	3.316	(0.881)	250758	50.0000	50
$	17 Phenol-d5 (SUR)	99	3.434	3.434	(0.912)	843938	50.0000	50
	73 Aniline	93	3.434	3.434	(0.912)	1017198	50.0000	50
	1 Phenol	94	3.446	3.446	(0.916)	931855	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.510	3.510	(0.933)	733820	50.0000	50
	2 2-Chlorophenol	128	3.557	3.557	(0.945)	733683	50.0000	50
	113 n-decane	43	3.622	3.622	(0.962)	760984	50.0000	50
	21 1,3-Dichlorobenzene	146	3.710	3.710	(0.986)	815168	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	397537	40.0000	
	22 1,4-Dichlorobenzene	146	3.781	3.781	(1.005)	811202	50.0000	50
	74 Benzyl Alcohol	108	3.928	3.928	(1.044)	441759	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12965.d
Report Date: 01-Oct-2012 01:06

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	742750	50.0000	50
	3 2-Methylphenol	108	4.057	4.057	(1.078)	605695	50.0000	50
	24 bis (2-chloroisopropyl) ether	45	4.063	4.063	(1.080)	867604	50.0000	50
	104 Acetophenone	105	4.193	4.193	(1.114)	863281	50.0000	50
	4 4-Methylphenol	108	4.216	4.216	(1.120)	605572	50.0000	50
	121 3 & 4 Methylphenol	108	4.216	4.216	(1.120)	605572	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	4.204	4.204	(1.117)	464446	50.0000	50
	26 Hexachloroethane	117	4.275	4.275	(1.136)	318373	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.858)	768885	50.0000	50
	27 Nitrobenzene	77	4.363	4.363	(0.863)	972137	50.0000	50
	107 N,N-Dimethylaniline	120	4.363	4.363	(1.159)	983696	50.0000	50
	28 Isophorone	82	4.604	4.604	(0.910)	1183584	50.0000	50
	5 2-Nitrophenol	139	4.681	4.681	(0.926)	362717	50.0000	50
	6 2,4-Dimethylphenol	122	4.751	4.751	(0.940)	569357	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	4.840	4.840	(0.957)	752395	50.0000	50
	7 2,4-Dichlorophenol	162	4.934	4.934	(0.976)	462675	50.0000	50
	30 1,2,4-Trichlorobenzene	180	5.004	5.004	(0.990)	525880	50.0000	50
*	80 Naphthalene-d8	136	5.057	5.057	(1.000)	1388616	40.0000	
	31 Naphthalene	128	5.081	5.081	(1.005)	1913969	50.0000	50
	32 4-Chloroaniline	127	5.151	5.151	(1.019)	669567	50.0000	50
	33 Hexachlorobutadiene	225	5.216	5.216	(1.031)	269846	50.0000	50
	111 Caprolactam	113	5.534	5.534	(1.094)	148816	50.0000	50
	8 4-Chloro-3-methylphenol	107	5.669	5.669	(1.121)	479350	50.0000	50
	34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	1093720	50.0000	50
	120 1-Methylnaphthalene	142	5.875	5.875	(1.162)	1113579	50.0000	50
	35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	219972	50.0000	50
	9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	266084	50.0000	50
	10 2,4,5-Trichlorophenol	196	6.110	6.110	(0.898)	258660	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	1073443	50.0000	50
	102 Diphenyl	154	6.251	6.251	(0.919)	1190948	50.0000	50
	36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	868025	50.0000	50
	103 Diphenyl Ether	170	6.357	6.357	(0.934)	645746	50.0000	50
	37 2-Nitroaniline	65	6.375	6.375	(0.937)	286168	50.0000	50
	38 Dimethylphthalate	163	6.569	6.569	(0.965)	850171	50.0000	50
	114 Coumarin	146	6.575	6.575	(1.300)	291053	50.0000	50
	40 2,6-Dinitrotoluene	165	6.622	6.622	(0.973)	201160	50.0000	50
	39 Acenaphthylene	152	6.663	6.663	(0.979)	1406751	50.0000	50
	41 3-Nitroaniline	138	6.787	6.787	(0.997)	200777	50.0000	50
*	82 Acenaphthene-d10	164	6.804	6.804	(1.000)	602606	40.0000	
	42 Acenaphthene	154	6.840	6.840	(1.005)	811119	50.0000	50
	11 2,4-Dinitrophenol	184	6.887	6.887	(1.012)	95214	50.0000	50
	12 4-Nitrophenol	65	6.975	6.975	(1.025)	143997	50.0000	50
	43 Dibenzofuran	168	7.010	7.010	(1.030)	1129462	50.0000	50
	44 2,4-Dinitrotoluene	165	7.016	7.016	(1.031)	226887	50.0000	50
	45 Diethylphthalate	149	7.263	7.263	(1.067)	804934	50.0000	50
	47 Fluorene	166	7.345	7.345	(1.080)	886913	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	387468	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12965.d
Report Date: 01-Oct-2012 01:06

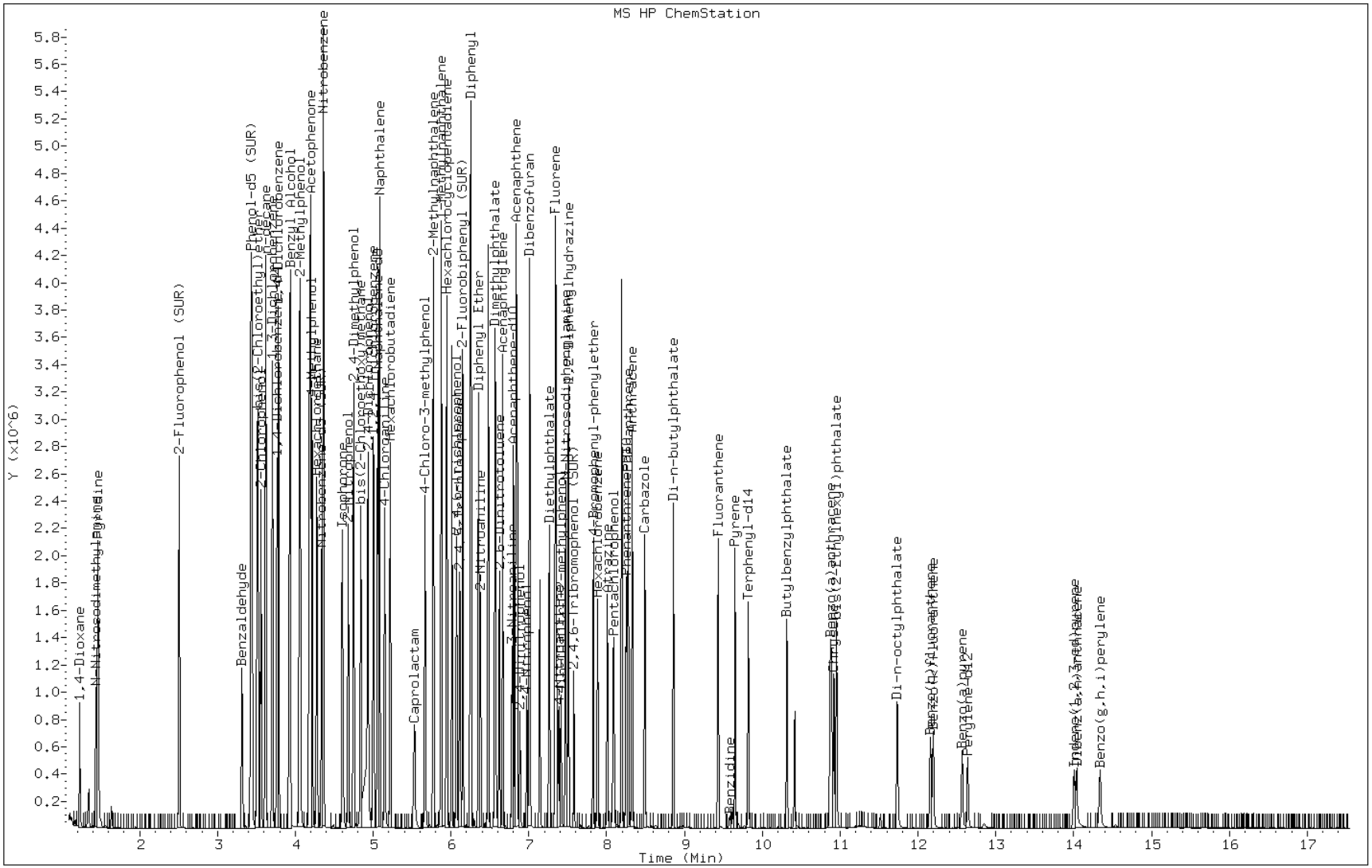
		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48 4-Nitroaniline	138	7.387	7.387	(1.086)	155245	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	7.416	7.416	(0.899)	116556	50.0000	50
	49 N-Nitrosodiphenylamine	169	7.475	7.475	(0.906)	540899	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.510	7.510	(0.910)	1176801	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.581	7.581	(1.114)	86456	50.0000	50
	50 4-Bromophenyl-phenylether	248	7.828	7.828	(0.949)	185032	50.0000	50
	51 Hexachlorobenzene	284	7.886	7.886	(0.956)	188290	50.0000	50
	112 Atrazine	200	8.010	8.010	(0.971)	167666	50.0000	50
	14 Pentachlorophenol	266	8.081	8.081	(0.979)	107299	50.0000	50
*	83 Phenanthrene-d10	188	8.251	8.251	(1.000)	673557	40.0000	
	52 Phenanthrene	178	8.281	8.281	(1.004)	959612	50.0000	50
	53 Anthracene	178	8.328	8.328	(1.009)	975826	50.0000	50
	54 Carbazole	167	8.492	8.492	(1.029)	774021	50.0000	50
	55 Di-n-butylphthalate	149	8.857	8.857	(1.073)	1028190	50.0000	50
	56 Fluoranthene	202	9.433	9.433	(1.143)	741465	50.0000	50
	58 Benzidine	184	9.581	9.581	(1.161)	51480	50.0000	50
	57 Pyrene	202	9.651	9.651	(0.886)	712600	50.0000	50
$	78 Terphenyl-d14	244	9.822	9.822	(0.902)	431821	50.0000	50
	59 Butylbenzylphthalate	149	10.316	10.316	(0.947)	313750	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.398	10.398	(0.955)	473	0.50000	0.50
	60 3,3'-Dichlorobenzidine	252	10.869	10.869	(0.998)	116087	50.0000	50
	61 Benzo(a)anthracene	228	10.880	10.880	(0.999)	417141	50.0000	50
*	81 Chrysene-d12	240	10.892	10.892	(1.000)	291327	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	404465	50.0000	50
	62 Chrysene	228	10.922	10.922	(1.003)	412322	50.0000	50
	64 Di-n-octylphthalate	149	11.733	11.733	(0.928)	569931	50.0000	50
	65 Benzo(b)fluoranthene	252	12.163	12.163	(0.962)	318801	50.0000	50
	66 Benzo(k)fluoranthene	252	12.198	12.198	(0.965)	374516	50.0000	50
	67 Benzo(a)pyrene	252	12.569	12.569	(0.994)	274890	50.0000	50
*	84 Perylene-d12	264	12.639	12.639	(1.000)	227267	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.004	14.004	(1.108)	239150	50.0000	50
	69 Dibenz(a,h)anthracene	278	14.039	14.039	(1.111)	251941	50.0000	50
	70 Benzo(g,h,i)perylene	276	14.345	14.345	(1.135)	266897	50.0000	50

Data File: z12965.d

Date: 30-SEP-2012 21:20

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-1687742 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12966.d
Report Date: 01-Oct-2012 01:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12966.d
Lab Smp Id: IC-1687749
Inj Date : 30-SEP-2012 22:08
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1687749
Misc Info : 120 bna 4690
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.328	1.328	(0.351)	783939	120.000	120(AH)
	19 N-Nitrosodimethylamine	74	1.569	1.569	(0.415)	1045653	120.000	120(AH)
	71 Pyridine	79	1.593	1.593	(0.421)	1868638	120.000	120(AH)
$	16 2-Fluorophenol (SUR)	112	2.569	2.569	(0.680)	1587562	120.000	120
	110 Benzaldehyde	77	3.346	3.346	(0.885)	232898	120.000	70
$	17 Phenol-d5 (SUR)	99	3.457	3.457	(0.914)	1789350	120.000	120
	73 Aniline	93	3.457	3.457	(0.914)	1823109	120.000	100
	1 Phenol	94	3.475	3.475	(0.919)	2011195	120.000	120
	20 bis(2-Chloroethyl)ether	93	3.540	3.540	(0.936)	2227679	120.000	140(A)
	2 2-Chlorophenol	128	3.593	3.593	(0.950)	1498703	120.000	110
	113 n-decane	43	3.628	3.628	(0.960)	1646517	120.000	120
	21 1,3-Dichlorobenzene	146	3.728	3.728	(0.986)	1900030	120.000	120(A)
*	79 1,4-Dichlorobenzene-d4	152	3.781	3.781	(1.000)	376503	40.0000	
	22 1,4-Dichlorobenzene	146	3.799	3.799	(1.005)	1871042	120.000	120(A)
	74 Benzyl Alcohol	108	3.940	3.940	(1.042)	977540	120.000	120

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12966.d
Report Date: 01-Oct-2012 01:06

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	1692195	120.000	120(A)
	3 2-Methylphenol	108	4.069	4.069	(1.076)	1258097	120.000	110
	24 bis (2-chloroisopropyl) ether	45	4.069	4.069	(1.076)	1837140	120.000	120
	104 Acetophenone	105	4.210	4.210	(1.114)	1906388	120.000	120
	4 4-Methylphenol	108	4.246	4.246	(1.123)	1214495	120.000	110
	121 3 & 4 Methylphenol	108	4.246	4.246	(1.123)	1214495	120.000	110
	25 N-Nitroso-di-n-propylamine	70	4.222	4.222	(1.117)	1063463	120.000	120(AM)
	26 Hexachloroethane	117	4.287	4.287	(1.134)	712040	120.000	120
$	76 Nitrobenzene-d5 (SUR)	82	4.357	4.357	(0.861)	1636213	120.000	120
	27 Nitrobenzene	77	4.381	4.381	(0.865)	2004491	120.000	110
	107 N,N-Dimethylaniline	120	4.381	4.381	(1.159)	2135832	120.000	120
	28 Isophorone	82	4.628	4.628	(0.914)	2717840	120.000	120(A)
	5 2-Nitrophenol	139	4.693	4.693	(0.927)	798466	120.000	120
	6 2,4-Dimethylphenol	122	4.769	4.769	(0.942)	1189048	120.000	110
	29 bis(2-Chloroethoxy)methane	93	4.851	4.851	(0.958)	1686308	120.000	120
	7 2,4-Dichlorophenol	162	4.946	4.946	(0.977)	963147	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.016	5.016	(0.991)	1235739	120.000	120(A)
*	80 Naphthalene-d8	136	5.063	5.063	(1.000)	1319764	40.0000	
	31 Naphthalene	128	5.087	5.087	(1.005)	4263509	120.000	120
	32 4-Chloroaniline	127	5.157	5.157	(1.019)	1420938	120.000	120
	33 Hexachlorobutadiene	225	5.222	5.222	(1.031)	628435	120.000	120(A)
	111 Caprolactam	113	5.593	5.593	(1.105)	315189	120.000	120(H)
	8 4-Chloro-3-methylphenol	107	5.687	5.687	(1.123)	971285	120.000	110
	34 2-Methylnaphthalene	142	5.787	5.787	(1.143)	2479091	120.000	120
	120 1-Methylnaphthalene	142	5.881	5.881	(1.161)	2494932	120.000	120
	35 Hexachlorocyclopentadiene	237	5.951	5.951	(0.874)	555537	120.000	130(A)
	9 2,4,6-Trichlorophenol	196	6.081	6.081	(0.893)	599071	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.128	6.128	(0.900)	553205	120.000	120
$	77 2-Fluorobiphenyl (SUR)	172	6.163	6.163	(0.905)	2348613	120.000	120
	102 Diphenyl	154	6.257	6.257	(0.919)	2536951	120.000	120
	36 2-Chloronaphthalene	162	6.269	6.269	(0.921)	1920355	120.000	120(A)
	103 Diphenyl Ether	170	6.363	6.363	(0.934)	1438640	120.000	120(A)
	37 2-Nitroaniline	65	6.387	6.387	(0.938)	603847	120.000	120
	38 Dimethylphthalate	163	6.581	6.581	(0.966)	1864389	120.000	120
	114 Coumarin	146	6.587	6.587	(1.301)	638121	120.000	120
	40 2,6-Dinitrotoluene	165	6.634	6.634	(0.974)	448060	120.000	120(A)
	39 Acenaphthylene	152	6.675	6.675	(0.980)	3037378	120.000	120
	41 3-Nitroaniline	138	6.798	6.798	(0.998)	420683	120.000	120
*	82 Acenaphthene-d10	164	6.810	6.810	(1.000)	552417	40.0000	
	42 Acenaphthene	154	6.845	6.845	(1.005)	1749756	120.000	120
	11 2,4-Dinitrophenol	184	6.898	6.898	(1.013)	220512	120.000	120(A)
	12 4-Nitrophenol	65	6.992	6.992	(1.027)	318290	120.000	120(A)
	43 Dibenzofuran	168	7.016	7.016	(1.030)	2482533	120.000	120
	44 2,4-Dinitrotoluene	165	7.028	7.028	(1.032)	500968	120.000	120(A)
	45 Diethylphthalate	149	7.275	7.275	(1.068)	1775181	120.000	120(A)
	47 Fluorene	166	7.351	7.351	(1.079)	1887027	120.000	120
	46 4-Chlorophenyl-phenylether	204	7.363	7.363	(1.081)	833014	120.000	120

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12966.d
Report Date: 01-Oct-2012 01:06

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48	4-Nitroaniline	138	7.404	7.404	(1.087)	306859	120.000	110
	13	4,6-Dinitro-2-methylphenol	198	7.428	7.428	(0.899)	262460	120.000	120(A)
	49	N-Nitrosodiphenylamine	169	7.487	7.487	(0.906)	1158579	120.000	120(A)
	75	1,2-Diphenylhydrazine	77	7.516	7.516	(0.910)	2632417	120.000	120(A)
$	18	2,4,6-Tribromophenol (SUR)	330	7.592	7.592	(1.115)	184125	120.000	120
	50	4-Bromophenyl-phenylether	248	7.834	7.834	(0.948)	423640	120.000	120(A)
	51	Hexachlorobenzene	284	7.892	7.892	(0.955)	411698	120.000	120(A)
	112	Atrazine	200	8.022	8.022	(0.971)	345099	120.000	120
	14	Pentachlorophenol	266	8.092	8.092	(0.979)	240244	120.000	120(A)
*	83	Phenanthrene-d10	188	8.263	8.263	(1.000)	597671	40.0000	
	52	Phenanthrene	178	8.286	8.286	(1.003)	2050415	120.000	120(A)
	53	Anthracene	178	8.339	8.339	(1.009)	2080348	120.000	120(A)
	54	Carbazole	167	8.504	8.504	(1.029)	1636966	120.000	120
	55	Di-n-butylphthalate	149	8.863	8.863	(1.073)	2250679	120.000	120(A)
	56	Fluoranthene	202	9.445	9.445	(1.143)	1579077	120.000	120(A)
	58	Benzidine	184	9.586	9.586	(1.160)	37176	120.000	61(M)
	57	Pyrene	202	9.663	9.663	(0.887)	1498701	120.000	120(A)
$	78	Terphenyl-d14	244	9.828	9.828	(0.902)	908836	120.000	120(A)
	59	Butylbenzylphthalate	149	10.328	10.328	(0.948)	669606	120.000	120(A)
	60	3,3'-Dichlorobenzidine	252	10.875	10.875	(0.998)	213781	120.000	110(A)
	61	Benzo(a)anthracene	228	10.886	10.886	(0.999)	915904	120.000	120(A)
*	81	Chrysene-d12	240	10.898	10.898	(1.000)	251494	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.963	10.963	(1.006)	895329	120.000	120(A)
	62	Chrysene	228	10.927	10.927	(1.003)	848884	120.000	120
	64	Di-n-octylphthalate	149	11.745	11.745	(0.929)	1277641	120.000	120(A)
	65	Benzo(b)fluoranthene	252	12.174	12.174	(0.963)	717207	120.000	120(A)
	66	Benzo(k)fluoranthene	252	12.210	12.210	(0.966)	799108	120.000	120
	67	Benzo(a)pyrene	252	12.580	12.580	(0.995)	619346	120.000	120(A)
*	84	Perylene-d12	264	12.645	12.645	(1.000)	202963	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.021	14.021	(1.109)	559970	120.000	120(A)
	69	Dibenz(a,h)anthracene	278	14.051	14.051	(1.111)	591815	120.000	120(A)
	70	Benzo(g,h,i)perylene	276	14.363	14.363	(1.136)	610703	120.000	120(A)

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z12966.d

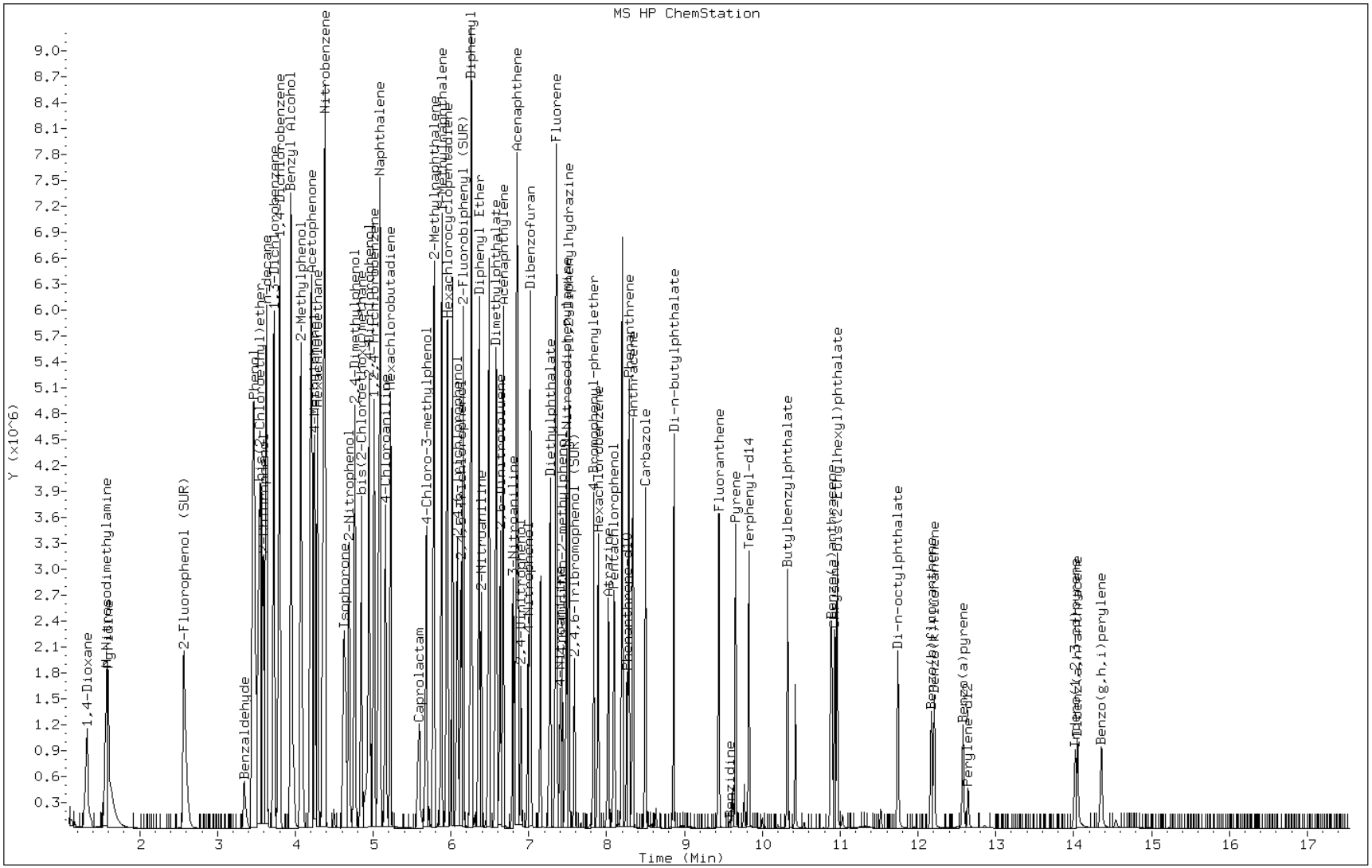
Date: 30-SEP-2012 22:08

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1687749

Operator: BNAMS 4



Manual Integration Report

Data File: z12966.d
Inj. Date and Time: 30-SEP-2012 22:08
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/01/2012

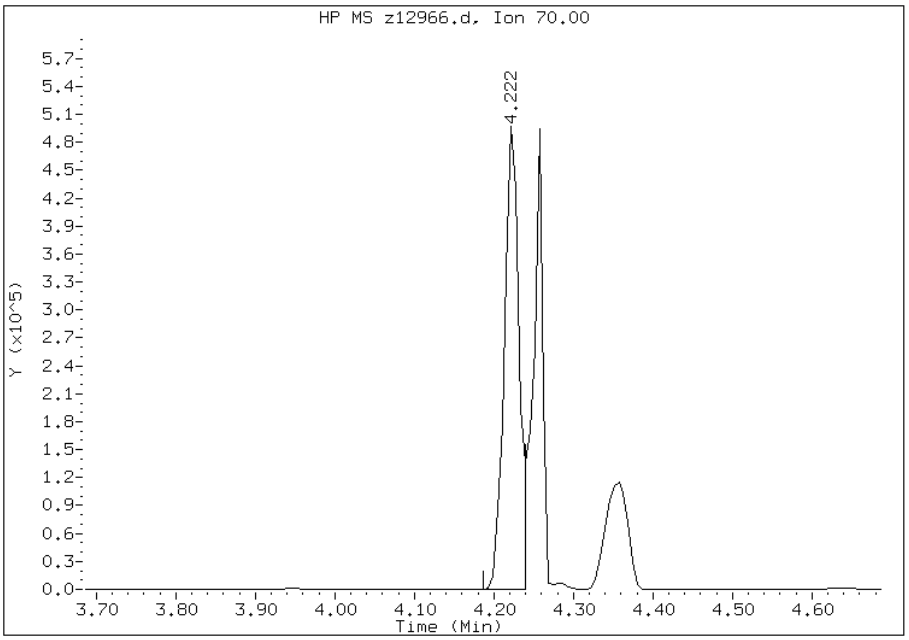
Processing Integration Results

RT: 4.22

Response: 661303

Amount: 85

Conc: 85



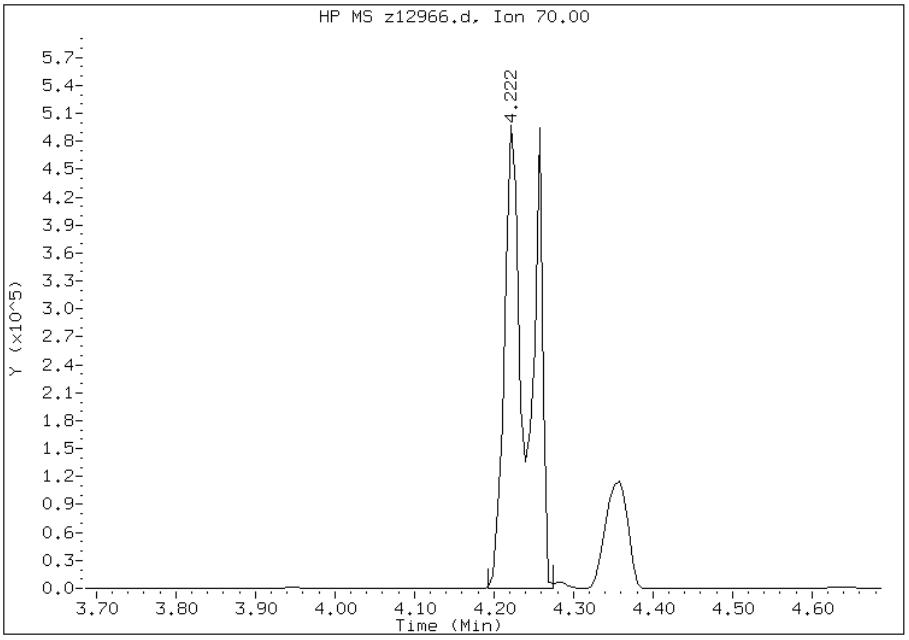
Manual Integration Results

RT: 4.22

Response: 1063463

Amount: 120

Conc: 120



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z12966.d
Inj. Date and Time: 30-SEP-2012 22:08
Instrument ID: BNAMS11.i
Client ID:
Compound: 58 Benzidine
CAS #: 92-87-5
Report Date: 10/01/2012

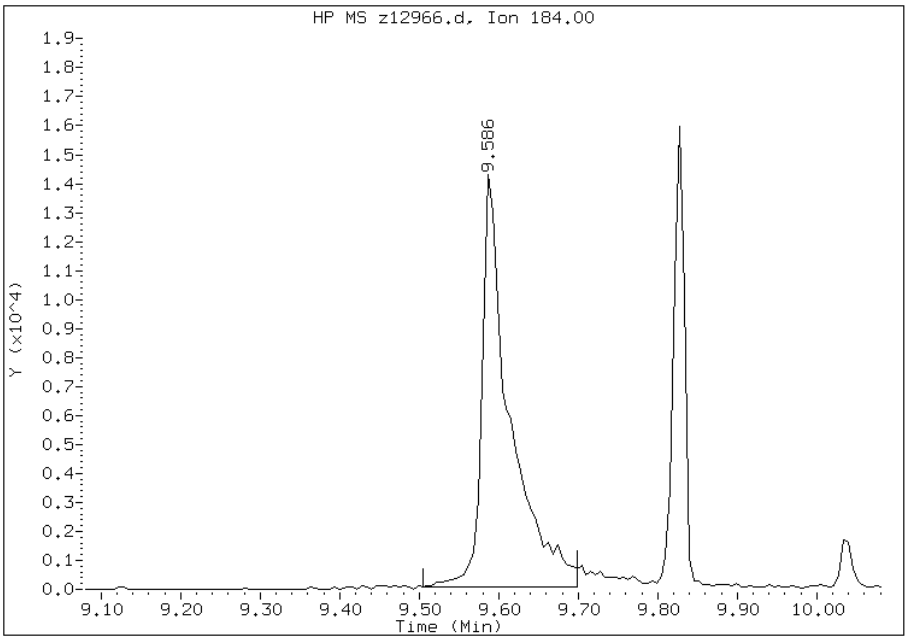
Processing Integration Results

RT: 9.59

Response: 34690

Amount: 58

Conc: 58



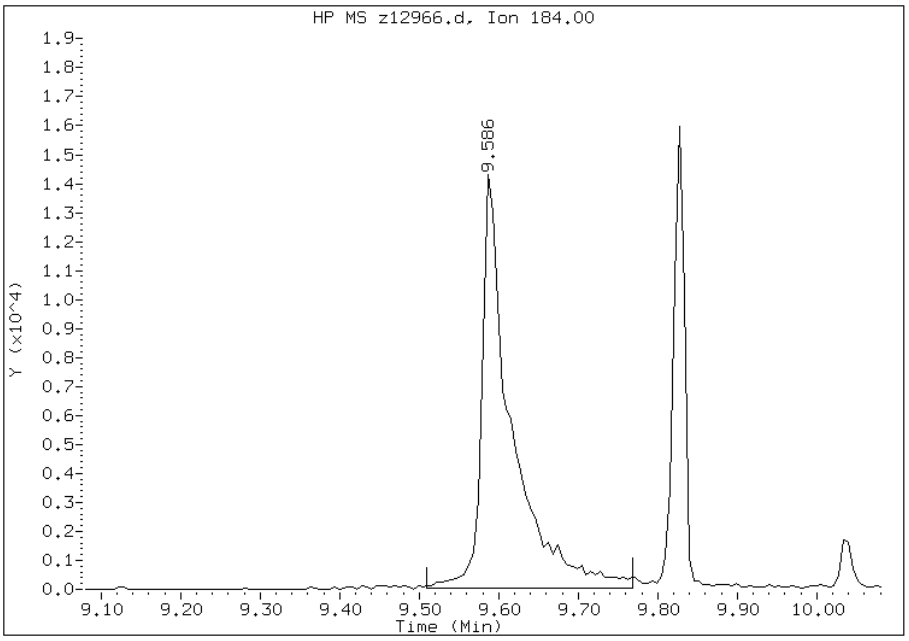
Manual Integration Results

RT: 9.59

Response: 37176

Amount: 61

Conc: 61



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12967.d
Report Date: 01-Oct-2012 01:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12967.d
Lab Smp Id: IC-1687743
Inj Date : 30-SEP-2012 22:32
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1687743
Misc Info : 80 ppm bna 4690
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.269	1.269	(0.336)	499835	80.0000	78
	19 N-Nitrosodimethylamine	74	1.504	1.504	(0.399)	707848	80.0000	79(H)
	71 Pyridine	79	1.528	1.528	(0.405)	1223921	80.0000	79(H)
$	16 2-Fluorophenol (SUR)	112	2.534	2.534	(0.671)	1058717	80.0000	78
	110 Benzaldehyde	77	3.328	3.328	(0.882)	267025	80.0000	78
$	17 Phenol-d5 (SUR)	99	3.451	3.451	(0.914)	1192534	80.0000	76
	73 Aniline	93	3.451	3.451	(0.914)	1454829	80.0000	81
	1 Phenol	94	3.463	3.463	(0.917)	1362042	80.0000	78
	20 bis(2-Chloroethyl)ether	93	3.528	3.528	(0.935)	1127091	80.0000	71
	2 2-Chlorophenol	128	3.575	3.575	(0.947)	1093730	80.0000	80
	113 n-decane	43	3.628	3.628	(0.961)	1129614	80.0000	78
	21 1,3-Dichlorobenzene	146	3.716	3.716	(0.984)	1259259	80.0000	78
*	79 1,4-Dichlorobenzene-d4	152	3.775	3.775	(1.000)	389424	40.0000	
	22 1,4-Dichlorobenzene	146	3.793	3.793	(1.005)	1239957	80.0000	78
	74 Benzyl Alcohol	108	3.934	3.934	(1.042)	653624	80.0000	78

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12967.d
Report Date: 01-Oct-2012 01:06

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	3.946	3.946	(1.045)	1120765	80.0000	78
	3 2-Methylphenol	108	4.063	4.063	(1.076)	903055	80.0000	80
	24 bis (2-chloroisopropyl) ether	45	4.069	4.069	(1.078)	1213311	80.0000	76
	104 Acetophenone	105	4.204	4.204	(1.114)	1288996	80.0000	78
	4 4-Methylphenol	108	4.234	4.234	(1.122)	914120	80.0000	81
	121 3 & 4 Methylphenol	108	4.234	4.234	(1.122)	914120	80.0000	81
	25 N-Nitroso-di-n-propylamine	70	4.216	4.216	(1.117)	730093	80.0000	80(M)
	26 Hexachloroethane	117	4.281	4.281	(1.134)	481723	80.0000	78
$	76 Nitrobenzene-d5 (SUR)	82	4.351	4.351	(0.859)	1144965	80.0000	77
	27 Nitrobenzene	77	4.375	4.375	(0.864)	1385746	80.0000	76
	107 N,N-Dimethylaniline	120	4.375	4.375	(1.159)	1444919	80.0000	78
	28 Isophorone	82	4.616	4.616	(0.912)	1809863	80.0000	77
	5 2-Nitrophenol	139	4.687	4.687	(0.926)	560422	80.0000	78
	6 2,4-Dimethylphenol	122	4.763	4.763	(0.941)	860419	80.0000	79
	29 bis(2-Chloroethoxy)methane	93	4.845	4.845	(0.957)	1127001	80.0000	76
	7 2,4-Dichlorophenol	162	4.940	4.940	(0.976)	707853	80.0000	79
	30 1,2,4-Trichlorobenzene	180	5.010	5.010	(0.990)	824164	80.0000	78
*	80 Naphthalene-d8	136	5.063	5.063	(1.000)	1403002	40.0000	
	31 Naphthalene	128	5.087	5.087	(1.005)	2872419	80.0000	77
	32 4-Chloroaniline	127	5.157	5.157	(1.019)	983214	80.0000	77
	33 Hexachlorobutadiene	225	5.222	5.222	(1.031)	413165	80.0000	76
	111 Caprolactam	113	5.569	5.569	(1.100)	227652	80.0000	79
	8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.121)	727807	80.0000	80
	34 2-Methylnaphthalene	142	5.781	5.781	(1.142)	1652166	80.0000	76
	120 1-Methylnaphthalene	142	5.881	5.881	(1.161)	1697331	80.0000	77
	35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.873)	366440	80.0000	79
	9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.892)	414228	80.0000	79
	10 2,4,5-Trichlorophenol	196	6.122	6.122	(0.899)	414190	80.0000	82
$	77 2-Fluorobiphenyl (SUR)	172	6.157	6.157	(0.904)	1598652	80.0000	77
	102 Diphenyl	154	6.251	6.251	(0.918)	1764805	80.0000	78
	36 2-Chloronaphthalene	162	6.263	6.263	(0.920)	1336584	80.0000	79
	103 Diphenyl Ether	170	6.357	6.357	(0.933)	986863	80.0000	78
	37 2-Nitroaniline	65	6.381	6.381	(0.937)	447020	80.0000	81
	38 Dimethylphthalate	163	6.575	6.575	(0.965)	1290987	80.0000	78
	114 Coumarin	146	6.581	6.581	(1.300)	440503	80.0000	78
	40 2,6-Dinitrotoluene	165	6.628	6.628	(0.973)	304832	80.0000	78
	39 Acenaphthylene	152	6.669	6.669	(0.979)	2115726	80.0000	78
	41 3-Nitroaniline	138	6.792	6.792	(0.997)	302776	80.0000	79
*	82 Acenaphthene-d10	164	6.810	6.810	(1.000)	592649	40.0000	
	42 Acenaphthene	154	6.839	6.839	(1.004)	1217539	80.0000	78
	11 2,4-Dinitrophenol	184	6.892	6.892	(1.012)	154547	80.0000	80
	12 4-Nitrophenol	65	6.981	6.981	(1.025)	226266	80.0000	80
	43 Dibenzofuran	168	7.010	7.010	(1.029)	1715911	80.0000	78
	44 2,4-Dinitrotoluene	165	7.022	7.022	(1.031)	347159	80.0000	78
	45 Diethylphthalate	149	7.269	7.269	(1.067)	1232992	80.0000	78
	47 Fluorene	166	7.345	7.345	(1.079)	1336309	80.0000	78
	46 4-Chlorophenyl-phenylether	204	7.357	7.357	(1.080)	592581	80.0000	79

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12967.d
Report Date: 01-Oct-2012 01:06

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48	4-Nitroaniline	138	7.392	7.392	(1.085)	246490	80.0000	83
	13	4,6-Dinitro-2-methylphenol	198	7.422	7.422	(0.899)	186859	80.0000	79
	49	N-Nitrosodiphenylamine	169	7.481	7.481	(0.906)	850421	80.0000	80
	75	1,2-Diphenylhydrazine	77	7.510	7.510	(0.910)	1729971	80.0000	75
$	18	2,4,6-Tribromophenol (SUR)	330	7.586	7.586	(1.114)	128636	80.0000	78
	50	4-Bromophenyl-phenylether	248	7.828	7.828	(0.948)	291522	80.0000	78
	51	Hexachlorobenzene	284	7.886	7.886	(0.955)	291451	80.0000	78
	112	Atrazine	200	8.016	8.016	(0.971)	245658	80.0000	77
	14	Pentachlorophenol	266	8.086	8.086	(0.979)	171341	80.0000	79
*	83	Phenanthrene-d10	188	8.257	8.257	(1.000)	663768	40.0000	
	52	Phenanthrene	178	8.281	8.281	(1.003)	1438864	80.0000	77
	53	Anthracene	178	8.328	8.328	(1.009)	1461493	80.0000	77
	54	Carbazole	167	8.498	8.498	(1.029)	1146154	80.0000	77
	55	Di-n-butylphthalate	149	8.857	8.857	(1.073)	1546256	80.0000	77
	56	Fluoranthene	202	9.439	9.439	(1.143)	1111223	80.0000	77
	58	Benzidine	184	9.586	9.586	(1.161)	42748	80.0000	68(M)
	57	Pyrene	202	9.651	9.651	(0.886)	1069643	80.0000	79
$	78	Terphenyl-d14	244	9.822	9.822	(0.902)	632036	80.0000	78
	59	Butylbenzylphthalate	149	10.322	10.322	(0.948)	462887	80.0000	78
	60	3,3'-Dichlorobenzidine	252	10.869	10.869	(0.998)	166336	80.0000	80(A)
	61	Benzo(a)anthracene	228	10.880	10.880	(0.999)	632522	80.0000	78
*	81	Chrysene-d12	240	10.892	10.892	(1.000)	276111	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	616208	80.0000	78
	62	Chrysene	228	10.922	10.922	(1.003)	616141	80.0000	79
	64	Di-n-octylphthalate	149	11.739	11.739	(0.929)	872024	80.0000	79
	65	Benzo(b)fluoranthene	252	12.163	12.163	(0.962)	496690	80.0000	80
	66	Benzo(k)fluoranthene	252	12.198	12.198	(0.965)	523762	80.0000	75
	67	Benzo(a)pyrene	252	12.568	12.568	(0.994)	417200	80.0000	78
*	84	Perylene-d12	264	12.639	12.639	(1.000)	217864	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.010	14.010	(1.108)	377317	80.0000	79
	69	Dibenz(a,h)anthracene	278	14.045	14.045	(1.111)	385055	80.0000	77
	70	Benzo(g,h,i)perylene	276	14.351	14.351	(1.135)	400453	80.0000	77

QC Flag Legend

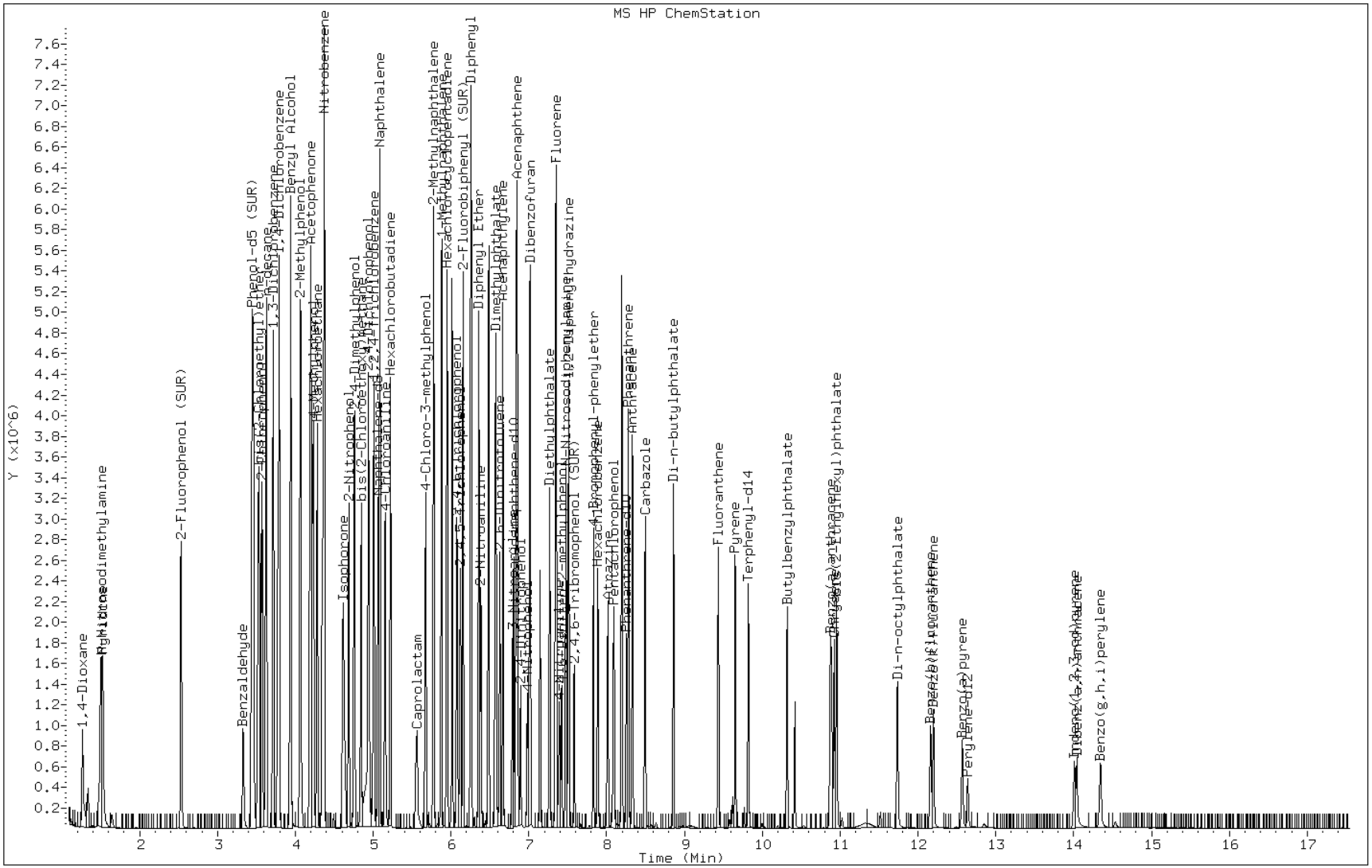
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z12967.d

Date: 30-SEP-2012 22:32

Client ID: Instrument: BNAMS11.i

Sample Info: IC-1687743 Operator: BNAMS 4



Manual Integration Report

Data File: z12967.d
Inj. Date and Time: 30-SEP-2012 22:32
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/01/2012

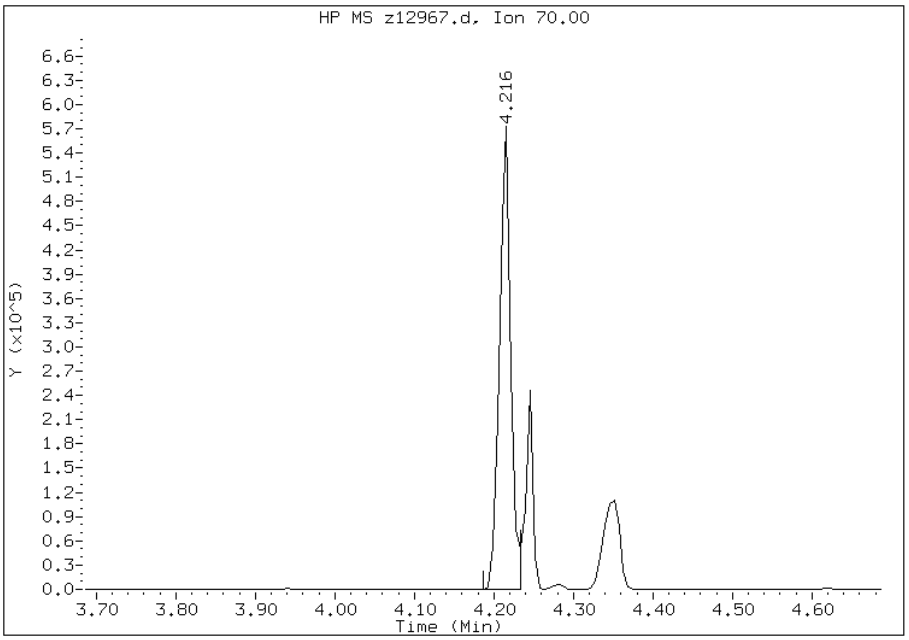
Processing Integration Results

RT: 4.22

Response: 595364

Amount: 67

Conc: 67



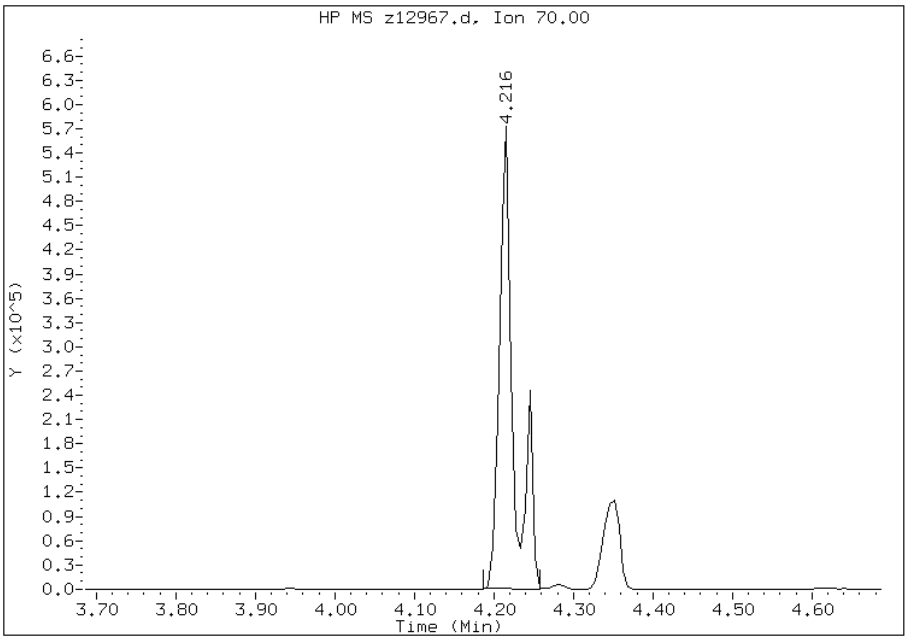
Manual Integration Results

RT: 4.22

Response: 730093

Amount: 80

Conc: 80



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z12967.d
Inj. Date and Time: 30-SEP-2012 22:32
Instrument ID: BNAMS11.i
Client ID:
Compound: 58 Benzidine
CAS #: 92-87-5
Report Date: 10/01/2012

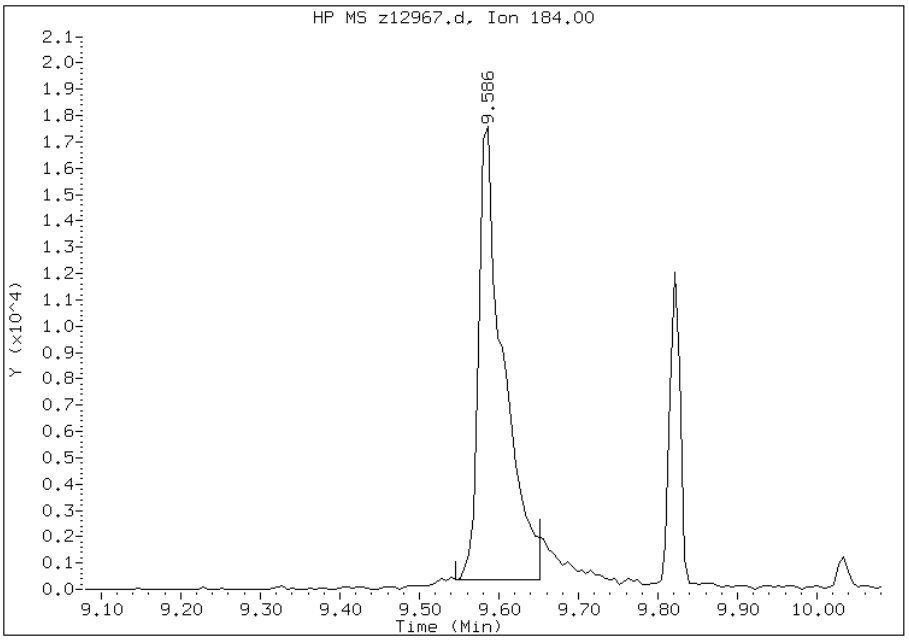
Processing Integration Results

RT: 9.59

Response: 37220

Amount: 62

Conc: 62



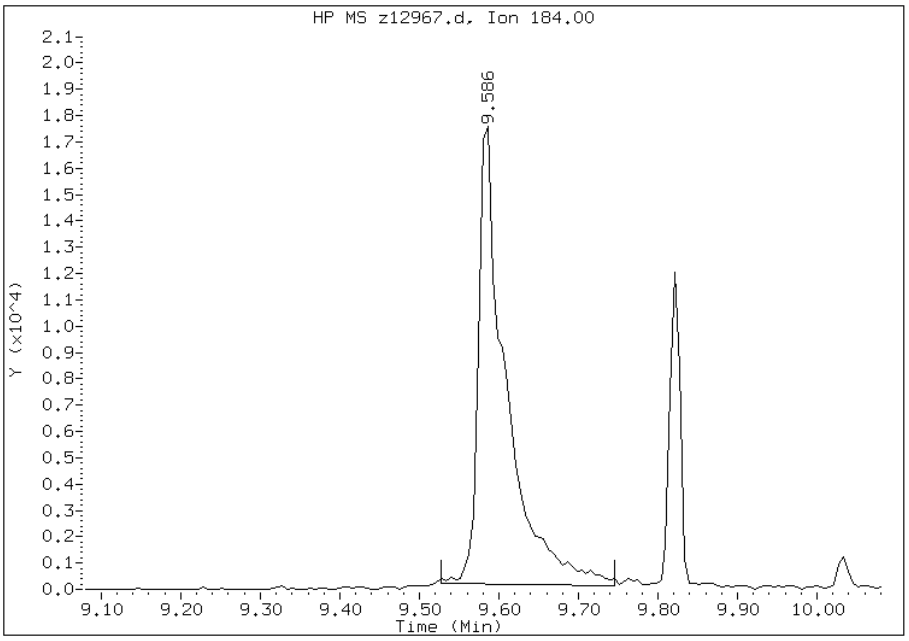
Manual Integration Results

RT: 9.59

Response: 42748

Amount: 68

Conc: 68



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12968.d
Report Date: 01-Oct-2012 01:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12968.d
Lab Smp Id: IC-1687751
Inj Date : 30-SEP-2012 22:56
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1687751
Misc Info : 20 ppm bna 4690
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.228	1.228	(0.326)	135843	20.0000	20(H)
	19 N-Nitrosodimethylamine	74	1.434	1.434	(0.381)	192282	20.0000	20
	71 Pyridine	79	1.457	1.457	(0.387)	347496	20.0000	21
$	16 2-Fluorophenol (SUR)	112	2.504	2.504	(0.666)	317635	20.0000	22
	110 Benzaldehyde	77	3.316	3.316	(0.881)	175232	20.0000	36
$	17 Phenol-d5 (SUR)	99	3.416	3.416	(0.908)	387302	20.0000	23
	73 Aniline	93	3.428	3.428	(0.911)	454072	20.0000	23
	1 Phenol	94	3.434	3.434	(0.912)	417993	20.0000	22
	20 bis(2-Chloroethyl)ether	93	3.504	3.504	(0.931)	318123	20.0000	19
	2 2-Chlorophenol	128	3.551	3.551	(0.944)	328355	20.0000	22
	113 n-decane	43	3.616	3.616	(0.961)	354819	20.0000	23
	21 1,3-Dichlorobenzene	146	3.704	3.704	(0.984)	351378	20.0000	21
*	79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	404984	40.0000	
	22 1,4-Dichlorobenzene	146	3.781	3.781	(1.005)	354261	20.0000	21
	74 Benzyl Alcohol	108	3.916	3.916	(1.041)	194608	20.0000	22

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12968.d
Report Date: 01-Oct-2012 01:06

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	331250	20.0000	22
	3 2-Methylphenol	108	4.046	4.046	(1.075)	270792	20.0000	22
	24 bis (2-chloroisopropyl) ether	45	4.057	4.057	(1.078)	389110	20.0000	22
	104 Acetophenone	105	4.181	4.181	(1.111)	384702	20.0000	22
	4 4-Methylphenol	108	4.204	4.204	(1.117)	267963	20.0000	22
	121 3 & 4 Methylphenol	108	4.204	4.204	(1.117)	267963	20.0000	22
	25 N-Nitroso-di-n-propylamine	70	4.193	4.193	(1.114)	209251	20.0000	21
	26 Hexachloroethane	117	4.275	4.275	(1.136)	139009	20.0000	21
$	76 Nitrobenzene-d5 (SUR)	82	4.334	4.334	(0.857)	332024	20.0000	21
	27 Nitrobenzene	77	4.351	4.351	(0.860)	430508	20.0000	22
	107 N,N-Dimethylaniline	120	4.357	4.357	(1.158)	446959	20.0000	22
	28 Isophorone	82	4.598	4.598	(0.909)	501215	20.0000	20
	5 2-Nitrophenol	139	4.675	4.675	(0.924)	151129	20.0000	20
	6 2,4-Dimethylphenol	122	4.745	4.745	(0.938)	248358	20.0000	21
	29 bis(2-Chloroethoxy)methane	93	4.834	4.834	(0.956)	324860	20.0000	21
	7 2,4-Dichlorophenol	162	4.928	4.928	(0.974)	206837	20.0000	22
	30 1,2,4-Trichlorobenzene	180	5.004	5.004	(0.990)	227232	20.0000	20
*	80 Naphthalene-d8	136	5.057	5.057	(1.000)	1449942	40.0000	
	31 Naphthalene	128	5.075	5.075	(1.003)	850901	20.0000	21
	32 4-Chloroaniline	127	5.145	5.145	(1.017)	300794	20.0000	22
	33 Hexachlorobutadiene	225	5.216	5.216	(1.031)	119144	20.0000	21
	111 Caprolactam	113	5.498	5.498	(1.087)	57995	20.0000	20(H)
	8 4-Chloro-3-methylphenol	107	5.657	5.657	(1.119)	204179	20.0000	21
	34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	484200	20.0000	21
	120 1-Methylnaphthalene	142	5.869	5.869	(1.161)	501778	20.0000	22
	35 Hexachlorocyclopentadiene	237	5.940	5.940	(0.873)	91704	20.0000	19
	9 2,4,6-Trichlorophenol	196	6.069	6.069	(0.892)	113339	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.104	6.104	(0.897)	116382	20.0000	21
$	77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	481086	20.0000	21
	102 Diphenyl	154	6.245	6.245	(0.918)	534900	20.0000	22
	36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	388782	20.0000	21
	103 Diphenyl Ether	170	6.351	6.351	(0.933)	282221	20.0000	21
	37 2-Nitroaniline	65	6.369	6.369	(0.936)	119965	20.0000	20
	38 Dimethylphthalate	163	6.563	6.563	(0.965)	363577	20.0000	20
	114 Coumarin	146	6.563	6.563	(1.298)	123563	20.0000	21
	40 2,6-Dinitrotoluene	165	6.616	6.616	(0.972)	82301	20.0000	20
	39 Acenaphthylene	152	6.657	6.657	(0.978)	604299	20.0000	21
	41 3-Nitroaniline	138	6.775	6.775	(0.996)	84589	20.0000	20
*	82 Acenaphthene-d10	164	6.804	6.804	(1.000)	629199	40.0000	
	42 Acenaphthene	154	6.834	6.834	(1.004)	362973	20.0000	21
	11 2,4-Dinitrophenol	184	6.881	6.881	(1.011)	53631	30.0000	27
	12 4-Nitrophenol	65	6.969	6.969	(1.024)	86753	30.0000	29
	43 Dibenzofuran	168	7.004	7.004	(1.029)	498989	20.0000	21
	44 2,4-Dinitrotoluene	165	7.010	7.010	(1.030)	96671	20.0000	20
	45 Diethylphthalate	149	7.257	7.257	(1.067)	338358	20.0000	20
	47 Fluorene	166	7.339	7.339	(1.079)	389543	20.0000	21
	46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	171460	20.0000	21

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12968.d
Report Date: 01-Oct-2012 01:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
48	4-Nitroaniline	138	7.375	7.375	(1.084)	67501	20.0000	21
13	4,6-Dinitro-2-methylphenol	198	7.404	7.404	(0.897)	69148	30.0000	28
49	N-Nitrosodiphenylamine	169	7.469	7.469	(0.905)	240535	20.0000	21
75	1,2-Diphenylhydrazine	77	7.504	7.504	(0.909)	500366	20.0000	20
$ 18	2,4,6-Tribromophenol (SUR)	330	7.575	7.575	(1.113)	37819	20.0000	21
50	4-Bromophenyl-phenylether	248	7.822	7.822	(0.948)	81167	20.0000	20
51	Hexachlorobenzene	284	7.881	7.881	(0.955)	81701	20.0000	20
112	Atrazine	200	8.004	8.004	(0.970)	68809	20.0000	20
14	Pentachlorophenol	266	8.081	8.081	(0.979)	67617	30.0000	30
* 83	Phenanthrene-d10	188	8.251	8.251	(1.000)	703884	40.0000	
52	Phenanthrene	178	8.275	8.275	(1.003)	414487	20.0000	21
53	Anthracene	178	8.322	8.322	(1.009)	426132	20.0000	21
54	Carbazole	167	8.486	8.486	(1.028)	328217	20.0000	20
55	Di-n-butylphthalate	149	8.851	8.851	(1.073)	430871	20.0000	20
56	Fluoranthene	202	9.433	9.433	(1.143)	318498	20.0000	21
58	Benzidine	184	9.580	9.580	(1.161)	105546	30.0000	76
57	Pyrene	202	9.645	9.645	(0.886)	305634	20.0000	21
$ 78	Terphenyl-d14	244	9.816	9.816	(0.902)	188883	20.0000	21
59	Butylbenzylphthalate	149	10.316	10.316	(0.948)	126913	20.0000	20
60	3,3'-Dichlorobenzidine	252	10.863	10.863	(0.998)	82661	30.0000	35
61	Benzo(a)anthracene	228	10.874	10.874	(0.999)	177493	20.0000	20
* 81	Chrysene-d12	240	10.886	10.886	(1.000)	295261	40.0000	
63	bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	167944	20.0000	20
62	Chrysene	228	10.916	10.916	(1.003)	174417	20.0000	21
64	Di-n-octylphthalate	149	11.733	11.733	(0.928)	224126	20.0000	20
65	Benzo(b)fluoranthene	252	12.151	12.151	(0.961)	125809	20.0000	20
66	Benzo(k)fluoranthene	252	12.186	12.186	(0.964)	147296	20.0000	20
67	Benzo(a)pyrene	252	12.563	12.563	(0.994)	104140	20.0000	19
* 84	Perylene-d12	264	12.639	12.639	(1.000)	222539	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.107)	89047	20.0000	19
69	Dibenz(a,h)anthracene	278	14.027	14.027	(1.110)	94238	20.0000	19
70	Benzo(g,h,i)perylene	276	14.327	14.327	(1.134)	104603	20.0000	20

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z12968.d

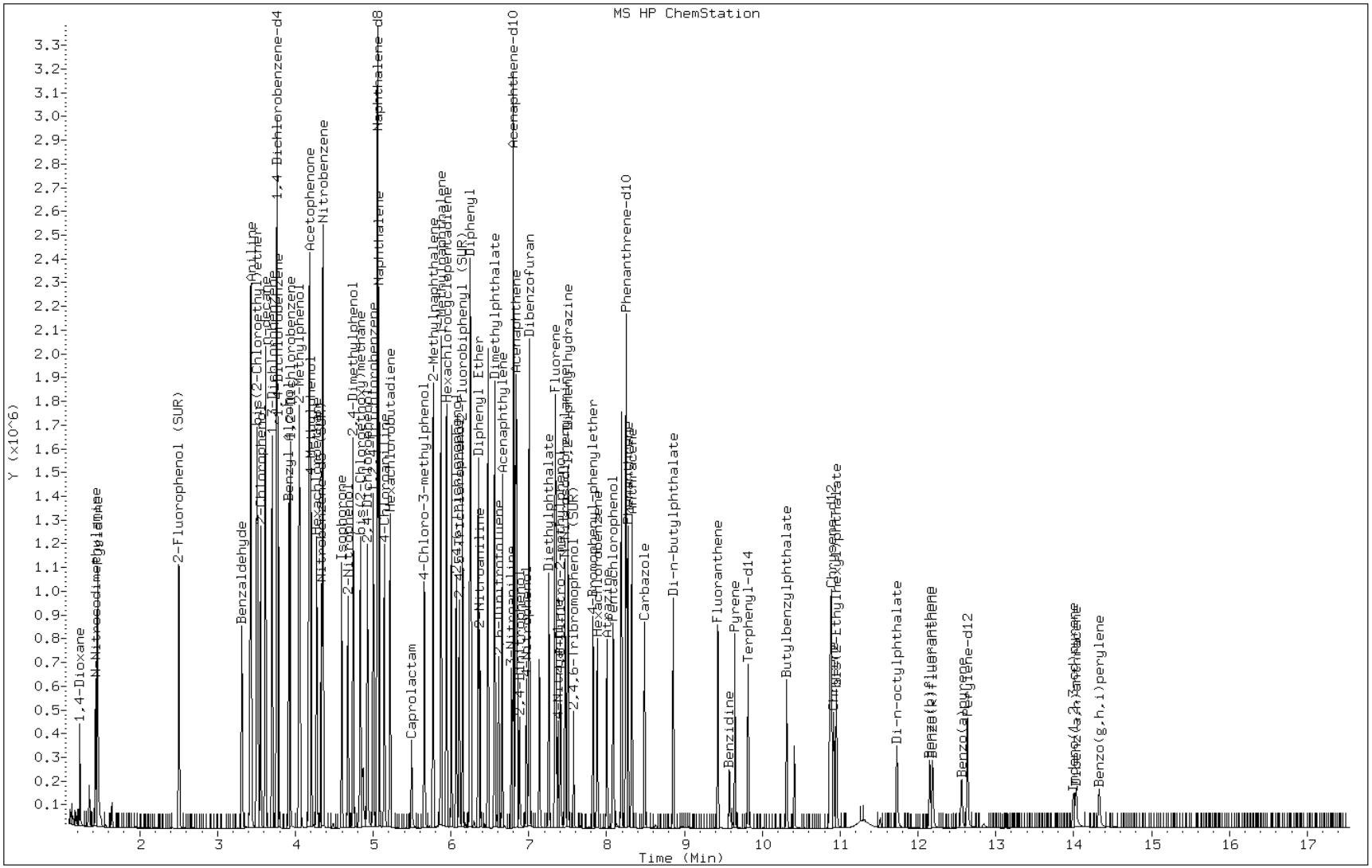
Date: 30-SEP-2012 22:56

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1687751

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12970.d
Report Date: 01-Oct-2012 01:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12970.d
Lab Smp Id: IC-1687753
Inj Date : 30-SEP-2012 23:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1687753
Misc Info : 5 ppm bna 4690
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.240	1.240	(0.329)	38746	5.00000	5.2
	19 N-Nitrosodimethylamine	74	1.440	1.440	(0.383)	53491	5.00000	5.2
	71 Pyridine	79	1.463	1.463	(0.389)	100268	5.00000	5.4
$	16 2-Fluorophenol (SUR)	112	2.504	2.504	(0.666)	86560	5.00000	5.3
	110 Benzaldehyde	77	3.316	3.316	(0.881)	61363	5.00000	9.2
$	17 Phenol-d5 (SUR)	99	3.410	3.410	(0.906)	110750	5.00000	5.7
	73 Aniline	93	3.428	3.428	(0.911)	139393	5.00000	6.1
	1 Phenol	94	3.422	3.422	(0.909)	135956	5.00000	6.2
	20 bis(2-Chloroethyl)ether	93	3.498	3.498	(0.930)	9706	0.50000	0.53
	2 2-Chlorophenol	128	3.551	3.551	(0.944)	102273	5.00000	6.0
	113 n-decane	43	3.616	3.616	(0.961)	98073	5.00000	5.6
	21 1,3-Dichlorobenzene	146	3.704	3.704	(0.984)	101011	5.00000	5.4
*	79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	441783	40.0000	
	22 1,4-Dichlorobenzene	146	3.775	3.775	(1.003)	99714	5.00000	5.4
	74 Benzyl Alcohol	108	3.910	3.910	(1.039)	55143	5.00000	5.5

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12970.d
Report Date: 01-Oct-2012 01:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	95336	5.00000	5.5
	3 2-Methylphenol	108	4.040	4.040	(1.073)	87963	5.00000	6.2
	24 bis (2-chloroisopropyl) ether	45	4.051	4.051	(1.077)	112806	5.00000	5.7
	104 Acetophenone	105	4.175	4.175	(1.109)	109220	5.00000	5.5
	4 4-Methylphenol	108	4.198	4.198	(1.116)	88637	5.00000	6.3
	121 3 & 4 Methylphenol	108	4.198	4.198	(1.116)	88637	5.00000	6.3
	25 N-Nitroso-di-n-propylamine	70	4.187	4.187	(1.113)	5957	0.50000	0.55
	26 Hexachloroethane	117	4.275	4.275	(1.136)	3719	0.50000	0.52
$	76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	90758	5.00000	5.1
	27 Nitrobenzene	77	4.345	4.345	(0.860)	12829	0.50000	0.56
	107 N,N-Dimethylaniline	120	4.357	4.357	(1.158)	12477	0.50000	0.55
	28 Isophorone	82	4.592	4.592	(0.909)	146218	5.00000	5.2
	5 2-Nitrophenol	139	4.675	4.675	(0.925)	45910	5.00000	5.4
	6 2,4-Dimethylphenol	122	4.739	4.739	(0.938)	82451	5.00000	6.0
	29 bis(2-Chloroethoxy)methane	93	4.828	4.828	(0.956)	95008	5.00000	5.4
	7 2,4-Dichlorophenol	162	4.922	4.922	(0.974)	66354	5.00000	5.9
	30 1,2,4-Trichlorobenzene	180	5.004	5.004	(0.991)	6664	0.50000	0.53
*	80 Naphthalene-d8	136	5.051	5.051	(1.000)	1630340	40.0000	
	31 Naphthalene	128	5.075	5.075	(1.005)	251791	5.00000	5.5
	32 4-Chloroaniline	127	5.145	5.145	(1.019)	89427	5.00000	5.6
	33 Hexachlorobutadiene	225	5.216	5.216	(1.033)	6934	1.00000	1.1
	111 Caprolactam	113	5.469	5.469	(1.083)	15707	5.00000	4.8(a)
	8 4-Chloro-3-methylphenol	107	5.657	5.657	(1.120)	65870	5.00000	5.8
	34 2-Methylnaphthalene	142	5.769	5.769	(1.142)	142468	5.00000	5.4
	120 1-Methylnaphthalene	142	5.869	5.869	(1.162)	145832	5.00000	5.4(a)
	35 Hexachlorocyclopentadiene	237	5.939	5.939	(0.873)	24298	5.00000	4.4(a)
	9 2,4,6-Trichlorophenol	196	6.069	6.069	(0.892)	37003	5.00000	5.5
	10 2,4,5-Trichlorophenol	196	6.104	6.104	(0.897)	37394	5.00000	5.6
$	77 2-Fluorobiphenyl (SUR)	172	6.145	6.145	(0.903)	137400	5.00000	5.2
	102 Diphenyl	154	6.239	6.239	(0.917)	155313	5.00000	5.3
	36 2-Chloronaphthalene	162	6.251	6.251	(0.919)	120338	5.00000	5.4
	103 Diphenyl Ether	170	6.351	6.351	(0.933)	84098	5.00000	5.2
	37 2-Nitroaniline	65	6.369	6.369	(0.936)	73011	10.0000	10
	38 Dimethylphthalate	163	6.557	6.557	(0.964)	110296	5.00000	5.2
	114 Coumarin	146	6.563	6.563	(1.299)	35392	5.00000	5.2
	40 2,6-Dinitrotoluene	165	6.610	6.610	(0.971)	4392	1.00000	0.92(a)
	39 Acenaphthylene	152	6.657	6.657	(0.978)	192234	5.00000	5.5
	41 3-Nitroaniline	138	6.775	6.775	(0.996)	52455	10.0000	11
*	82 Acenaphthene-d10	164	6.804	6.804	(1.000)	738334	40.0000	
	42 Acenaphthene	154	6.833	6.833	(1.004)	110393	5.00000	5.4
	11 2,4-Dinitrophenol	184	6.875	6.875	(1.010)	22219	15.0000	10(a)
	12 4-Nitrophenol	65	6.969	6.969	(1.024)	48341	15.0000	14(a)
	43 Dibenzofuran	168	7.004	7.004	(1.029)	150892	5.00000	5.3
	44 2,4-Dinitrotoluene	165	7.004	7.004	(1.029)	5559	1.00000	1.0
	45 Diethylphthalate	149	7.257	7.257	(1.067)	99589	5.00000	5.0
	47 Fluorene	166	7.339	7.339	(1.079)	119320	5.00000	5.4
	46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	52425	5.00000	5.4

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12970.d
Report Date: 01-Oct-2012 01:06

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48	4-Nitroaniline	138	7.369	7.369	(1.083)	39338	10.0000	10
	13	4,6-Dinitro-2-methylphenol	198	7.404	7.404	(0.897)	35403	15.0000	13(a)
	49	N-Nitrosodiphenylamine	169	7.469	7.469	(0.905)	71268	5.00000	5.2
	75	1,2-Diphenylhydrazine	77	7.498	7.498	(0.909)	125848	5.00000	4.4(a)
$	18	2,4,6-Tribromophenol (SUR)	330	7.575	7.575	(1.113)	10775	5.00000	5.1
	50	4-Bromophenyl-phenylether	248	7.822	7.822	(0.948)	24073	5.00000	5.1
	51	Hexachlorobenzene	284	7.880	7.880	(0.955)	2703	0.50000	0.56
	112	Atrazine	200	8.004	8.004	(0.970)	20557	5.00000	5.1
	14	Pentachlorophenol	266	8.080	8.080	(0.979)	35101	15.0000	13(a)
*	83	Phenanthrene-d10	188	8.251	8.251	(1.000)	837221	40.0000	
	52	Phenanthrene	178	8.275	8.275	(1.003)	127450	5.00000	5.3
	53	Anthracene	178	8.322	8.322	(1.009)	127044	5.00000	5.2
	54	Carbazole	167	8.486	8.486	(1.028)	100684	5.00000	5.2
	55	Di-n-butylphthalate	149	8.851	8.851	(1.073)	119615	5.00000	4.8(a)
	56	Fluoranthene	202	9.427	9.427	(1.143)	93807	5.00000	5.1
	58	Benzidine	184	9.580	9.580	(1.161)	26521	10.0000	14
	57	Pyrene	202	9.645	9.645	(0.886)	92396	5.00000	5.1
$	78	Terphenyl-d14	244	9.816	9.816	(0.902)	55907	5.00000	5.1
	59	Butylbenzylphthalate	149	10.316	10.316	(0.948)	35342	5.00000	4.6(a)
	60	3,3'-Dichlorobenzidine	252	10.869	10.869	(0.998)	32234	10.0000	11
	61	Benzo(a)anthracene	228	10.874	10.874	(0.999)	6172	0.50000	0.56
*	81	Chrysene-d12	240	10.886	10.886	(1.000)	359792	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	47149	5.00000	4.7(a)
	62	Chrysene	228	10.916	10.916	(1.003)	52186	5.00000	5.1
	64	Di-n-octylphthalate	149	11.733	11.733	(0.928)	51975	5.00000	4.2(a)
	65	Benzo(b)fluoranthene	252	12.157	12.157	(0.962)	2714	0.50000	0.40(a)
	66	Benzo(k)fluoranthene	252	12.186	12.186	(0.964)	3905	0.50000	0.48(a)
	67	Benzo(a)pyrene	252	12.563	12.563	(0.994)	2320	0.50000	0.40(a)
*	84	Perylene-d12	264	12.639	12.639	(1.000)	252345	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.107)	1644	0.50000	0.33(a)
	69	Dibenz(a,h)anthracene	278	14.033	14.033	(1.110)	1730	0.50000	0.33(a)
	70	Benzo(g,h,i)perylene	276	14.333	14.333	(1.134)	26374	5.00000	4.5(a)

QC Flag Legend

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

Data File: z12970.d

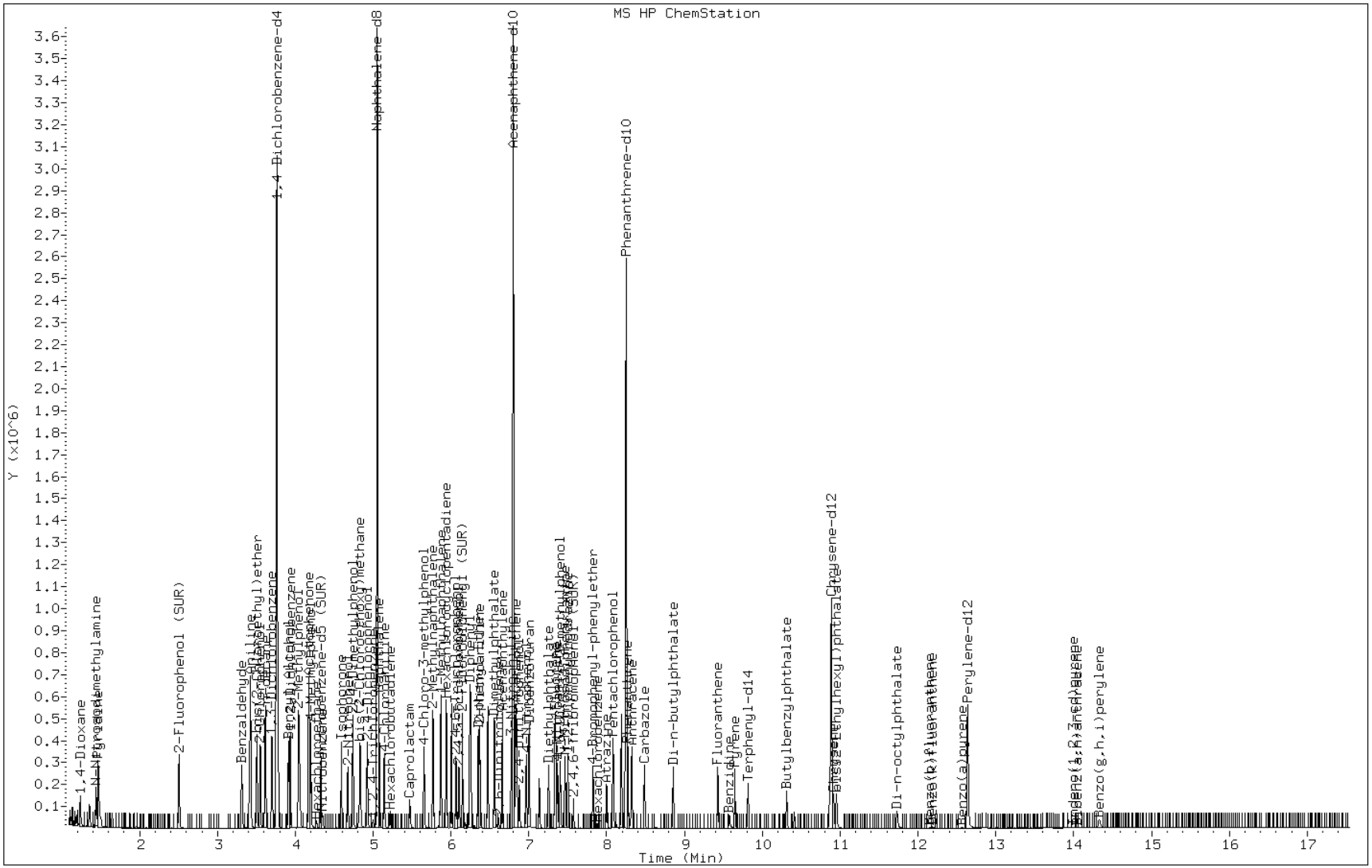
Date: 30-SEP-2012 23:43

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1687753

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: CCV 460-130010/1 Calibration Date: 10/01/2012 06:22

Instrument ID: BNAMS11 Calib Start Date: 09/30/2012 21:20

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/30/2012 23:43

Lab File ID: z12985.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6676	0.6511	0.0500	48800	50000	-2.5	25.0
N-Nitrosodimethylamine	Ave	0.9330	0.9377	0.0500	50300	50000	0.5	25.0
Pyridine	Ave	1.665	1.644	0.0500	49400	50000	-1.2	25.0
Benzaldehyde	Ave	0.6060	0.5952	0.0500	49100	50000	-1.8	25.0
Aniline	Ave	2.059	2.056	0.0500	49900	50000	-0.2	25.0
Phenol	Ave	1.986	1.784	0.0500	44900	50000	-10.2	25.0
Bis(2-chloroethyl)ether	Ave	1.645	1.495	0.0500	45500	50000	-9.1	25.0
2-Chlorophenol	Ave	1.536	1.483	0.0500	48300	50000	-3.5	25.0
n-Decane	Ave	1.594	1.582	0.0500	49600	50000	-0.7	25.0
1,3-Dichlorobenzene	Ave	1.701	1.666	0.0500	49000	50000	-2.0	25.0
1,4-Dichlorobenzene	Ave	1.687	1.660	0.0500	49200	50000	-1.6	25.0
Benzyl alcohol	Ave	0.9107	0.6378	0.0500	35000	50000	-30.0*	25.0
1,2-Dichlorobenzene	Ave	1.559	1.523	0.0500	48800	50000	-2.3	25.0
2-Methylphenol	Ave	1.284	1.254	0.0500	48800	50000	-2.3	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.779	1.753	0.0500	49300	50000	-1.5	25.0
Acetophenone	Ave	1.792	1.774	0.0500	49500	50000	-1.0	25.0
N-Nitrosodi-n-propylamine	Ave	0.9851	0.9685	0.0500	49200	50000	-1.7	25.0
3 & 4 Methylphenol	Ave	1.279	1.157	0.0500	45200	50000	-9.6	25.0
4-Methylphenol	Ave	1.279	1.157	0.0500	45200	50000	-9.6	25.0
Hexachloroethane	Ave	0.6499	0.6472	0.0500	49800	50000	-0.4	25.0
n,n'-Dimethylaniline	Ave	2.038	2.007	0.0500	49200	50000	-1.5	25.0
Nitrobenzene	Ave	0.5567	0.5655	0.0500	50800	50000	1.6	25.0
Isophorone	Ave	0.6844	0.6812	0.0500	49800	50000	-0.5	25.0
2-Nitrophenol	Ave	0.2088	0.2073	0.0500	49600	50000	-0.7	25.0
2,4-Dimethylphenol	Ave	0.3364	0.2978	0.0500	44300	50000	-11.5	25.0
Bis(2-chloroethoxy)methane	Ave	0.4351	0.4363	0.0500	50100	50000	0.3	25.0
2,4-Dichlorophenol	Ave	0.2746	0.2669	0.0500	48600	50000	-2.8	25.0
1,2,4-Trichlorobenzene	Ave	0.3098	0.3037	0.0500	49000	50000	-2.0	25.0
Naphthalene	Ave	1.122	1.101	0.0500	49100	50000	-1.9	25.0
4-Chloroaniline	Ave	0.3897	0.3772	0.0500	48400	50000	-3.2	25.0
Hexachlorobutadiene	Ave	0.1592	0.1562	0.0500	49100	50000	-1.9	25.0
Caprolactam	Ave	0.0807	0.0841	0.0500	52100	50000	4.2	25.0
4-Chloro-3-methylphenol	Ave	0.2771	0.2439	0.0500	44000	50000	-12.0	25.0
2-Methylnaphthalene	Ave	0.6424	0.6306	0.0500	49100	50000	-1.8	25.0
1-Methylnaphthalene	Ave	0.6569	0.6372	0.0500	48500	50000	-3.0	25.0
Hexachlorocyclopentadiene	Ave	0.2982	0.2104	0.0500	35300	50000	-29.5*	25.0
2,4,6-Trichlorophenol	Ave	0.3651	0.3426	0.0500	46900	50000	-6.2	25.0
2,4,5-Trichlorophenol	Ave	0.3603	0.3242	0.0500	45000	50000	-10.0	25.0
1,1'-Biphenyl	Ave	1.597	1.629	0.0500	51000	50000	2.0	25.0
2-Chloronaphthalene	Ave	1.196	1.185	0.0500	49500	50000	-0.9	25.0
Phenyl ether	Ave	0.8732	0.8806	0.0500	50400	50000	0.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: CCV 460-130010/1 Calibration Date: 10/01/2012 06:22

Instrument ID: BNAMS11 Calib Start Date: 09/30/2012 21:20

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/30/2012 23:43

Lab File ID: z12985.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.3797	0.3816	0.0500	50300	50000	0.5	25.0
Dimethyl phthalate	Ave	1.139	1.172	0.0500	51500	50000	2.9	25.0
Coumarin	Ave	0.1660	0.1611	0.0500	48500	50000	-2.9	25.0
2,6-Dinitrotoluene	Ave	0.2588	0.2690	0.0500	52000	50000	3.9	25.0
Acenaphthylene	Ave	1.898	1.871	0.0500	49300	50000	-1.4	25.0
3-Nitroaniline	Ave	0.2658	0.2695	0.0500	50700	50000	1.4	25.0
Acenaphthene	Ave	1.102	1.084	0.0500	49200	50000	-1.6	25.0
2,4-Dinitrophenol	Ave	0.1167	0.1137	0.0500	48700	50000	-2.6	25.0
4-Nitrophenol	Ave	0.1865	0.1595	0.0500	42800	50000	-14.5	25.0
2,4-Dinitrotoluene	Ave	0.3010	0.3055	0.0500	50700	50000	1.5	25.0
Dibenzofuran	Ave	1.533	1.498	0.0500	48800	50000	-2.3	25.0
Diethyl phthalate	Ave	1.067	1.097	0.0500	51400	50000	2.8	25.0
Fluorene	Ave	1.195	1.174	0.0500	49100	50000	-1.8	25.0
4-Chlorophenyl phenyl ether	Ave	0.5260	0.5203	0.0500	49500	50000	-1.1	25.0
4-Nitroaniline	Ave	0.2054	0.2061	0.0500	50200	50000	0.3	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1339	0.1390	0.0500	51900	50000	3.8	25.0
N-Nitrosodiphenylamine	Ave	0.6587	0.6991	0.0500	53100	50000	6.1	25.0
1,2-Diphenylhydrazine	Ave	1.359	1.444	0.0500	53100	50000	6.3	25.0
4-Bromophenyl phenyl ether	Ave	0.2273	0.2305	0.0500	50700	50000	1.4	25.0
Hexachlorobenzene	Ave	0.2326	0.2270	0.0500	48800	50000	-2.4	25.0
Atrazine	Ave	0.1937	0.2082	0.0500	53700	50000	7.5	25.0
Pentachlorophenol	Ave	0.1261	0.1064	0.0500	42200	50000	-15.6	25.0
Phenanthrene	Ave	1.153	1.156	0.0500	50100	50000	0.3	25.0
Anthracene	Ave	1.169	1.173	0.0500	50200	50000	0.3	25.0
Carbazole	Ave	0.9181	0.9254	0.0500	50400	50000	0.8	25.0
Di-n-butyl phthalate	Ave	1.202	1.298	0.0500	54000	50000	8.0	25.0
Fluoranthene	Ave	0.8799	0.8476	0.0500	48200	50000	-3.7	25.0
Benzidine	Ave	0.0881	0.1173	0.0500	66600	50000	33.1*	25.0
Pyrene	Ave	2.001	1.816	0.0500	45400	50000	-9.2	25.0
Butyl benzyl phthalate	Ave	0.8466	0.8585	0.0500	50700	50000	1.4	25.0
2,3,7,8-TCDD	Ave	0.1299	0.1778	0.0500	684	500	36.9*	25.0
3,3'-Dichlorobenzidine	Ave	0.3270	0.3665	0.0500	56000	50000	12.1	25.0
Benzo[a]anthracene	Ave	1.216	1.133	0.0500	46600	50000	-6.8	25.0
Chrysene	Ave	1.143	1.153	0.0500	50400	50000	0.9	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.120	1.123	0.0500	50100	50000	0.3	25.0
Di-n-octyl phthalate	Ave	1.954	1.771	0.0500	45300	50000	-9.4	25.0
Benzo[b]fluoranthene	Ave	1.086	1.047	0.0500	48200	50000	-3.6	25.0
Benzo[k]fluoranthene	Ave	1.279	1.209	0.0500	47300	50000	-5.5	25.0
Benzo[a]pyrene	Ave	0.9227	0.9544	0.0500	51700	50000	3.4	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7898	1.095	0.0500	69300	50000	38.7*	25.0
Dibenz(a,h)anthracene	Ave	0.8276	1.094	0.0500	66100	50000	32.2*	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: CCV 460-130010/1 Calibration Date: 10/01/2012 06:22

Instrument ID: BNAMS11 Calib Start Date: 09/30/2012 21:20

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/30/2012 23:43

Lab File ID: z12985.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	0.9275	1.255	0.0500	67700	50000	35.3*	25.0
2-Fluorophenol (Surr)	Ave	1.467	1.438	0.0500	49000	50000	-2.0	25.0
Phenol-d5 (Surr)	Ave	1.746	1.666	0.0500	47700	50000	-4.6	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4335	0.4447	0.0500	51300	50000	2.6	25.0
2-Fluorobiphenyl	Ave	1.442	1.460	0.0500	50600	50000	1.2	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1143	0.1007	0.0500	44000	50000	-11.9	25.0
Terphenyl-d14 (Surr)	Ave	1.211	1.144	0.0500	47200	50000	-5.6	25.0

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12abr.b/z12985.d
Report Date: 01-Oct-2012 10:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12abr.b/z12985.d
Lab Smp Id: CCV-1687742
Inj Date : 01-OCT-2012 06:22
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-1687742
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12abr.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 10:34 czhao Quant Type: ISTD
Cal Date : 01-OCT-2012 06:22 Cal File: z12985.d
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.228	1.228	(0.326)	302271	50.0000	49
	19 N-Nitrosodimethylamine	74	1.440	1.440	(0.383)	435298	50.0000	50
	71 Pyridine	79	1.457	1.457	(0.387)	763310	50.0000	49
$	16 2-Fluorophenol (SUR)	112	2.504	2.504	(0.666)	667371	50.0000	49
	110 Benzaldehyde	77	3.316	3.316	(0.881)	276292	50.0000	49
$	17 Phenol-d5 (SUR)	99	3.434	3.434	(0.912)	773568	50.0000	48
	73 Aniline	93	3.434	3.434	(0.912)	954390	50.0000	50
	1 Phenol	94	3.445	3.445	(0.916)	828277	50.0000	45
	20 bis(2-Chloroethyl)ether	93	3.510	3.510	(0.933)	694230	50.0000	45
	2 2-Chlorophenol	128	3.557	3.557	(0.945)	688524	50.0000	48
	113 n-decane	43	3.622	3.622	(0.962)	734489	50.0000	50
	21 1,3-Dichlorobenzene	146	3.710	3.710	(0.986)	773390	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	371372	40.0000	
	22 1,4-Dichlorobenzene	146	3.781	3.781	(1.005)	770824	50.0000	49
	74 Benzyl Alcohol	108	3.928	3.928	(1.044)	296095	50.0000	35

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12abr.b/z12985.d
Report Date: 01-Oct-2012 10:34

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23	1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	706819	50.0000	49
	3	2-Methylphenol	108	4.057	4.057	(1.078)	582286	50.0000	49
	24	bis (2-chloroisopropyl) ether	45	4.063	4.063	(1.080)	813580	50.0000	49
	104	Acetophenone	105	4.192	4.192	(1.114)	823427	50.0000	50
	4	4-Methylphenol	108	4.216	4.216	(1.120)	536885	50.0000	45(H)
	121	3 & 4 Methylphenol	108	4.216	4.216	(1.120)	536885	50.0000	45(H)
	25	N-Nitroso-di-n-propylamine	70	4.204	4.204	(1.117)	449576	50.0000	49
	26	Hexachloroethane	117	4.275	4.275	(1.136)	300447	50.0000	50
$	76	Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.858)	719703	50.0000	51
	27	Nitrobenzene	77	4.363	4.363	(0.863)	915143	50.0000	51
	107	N,N-Dimethylaniline	120	4.363	4.363	(1.159)	931833	50.0000	49
	28	Isophorone	82	4.604	4.604	(0.910)	1102395	50.0000	50
	5	2-Nitrophenol	139	4.681	4.681	(0.926)	335399	50.0000	50
	6	2,4-Dimethylphenol	122	4.751	4.751	(0.940)	481935	50.0000	44
	29	bis(2-Chloroethoxy)methane	93	4.839	4.839	(0.957)	706012	50.0000	50
	7	2,4-Dichlorophenol	162	4.934	4.934	(0.976)	431833	50.0000	48
	30	1,2,4-Trichlorobenzene	180	5.004	5.004	(0.990)	491425	50.0000	49
*	80	Naphthalene-d8	136	5.057	5.057	(1.000)	1294595	40.0000	
	31	Naphthalene	128	5.081	5.081	(1.005)	1782437	50.0000	49
	32	4-Chloroaniline	127	5.151	5.151	(1.019)	610460	50.0000	48
	33	Hexachlorobutadiene	225	5.216	5.216	(1.031)	252744	50.0000	49
	111	Caprolactam	113	5.534	5.534	(1.094)	136042	50.0000	52
	8	4-Chloro-3-methylphenol	107	5.669	5.669	(1.121)	394630	50.0000	44
	34	2-Methylnaphthalene	142	5.775	5.775	(1.142)	1020505	50.0000	49
	120	1-Methylnaphthalene	142	5.875	5.875	(1.162)	1031117	50.0000	48
	35	Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	141210	50.0000	35
	9	2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	229953	50.0000	47
	10	2,4,5-Trichlorophenol	196	6.110	6.110	(0.898)	217619	50.0000	45
$	77	2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	979881	50.0000	51
	102	Diphenyl	154	6.245	6.245	(0.918)	1093255	50.0000	51
	36	2-Chloronaphthalene	162	6.257	6.257	(0.920)	795398	50.0000	50
	103	Diphenyl Ether	170	6.351	6.351	(0.933)	591103	50.0000	50
	37	2-Nitroaniline	65	6.375	6.375	(0.937)	256153	50.0000	50
	38	Dimethylphthalate	163	6.569	6.569	(0.965)	786722	50.0000	51
	114	Coumarin	146	6.575	6.575	(1.300)	260719	50.0000	48
	40	2,6-Dinitrotoluene	165	6.622	6.622	(0.973)	180576	50.0000	52
	39	Acenaphthylene	152	6.663	6.663	(0.979)	1255933	50.0000	49
	41	3-Nitroaniline	138	6.781	6.781	(0.997)	180920	50.0000	51
*	82	Acenaphthene-d10	164	6.804	6.804	(1.000)	537019	40.0000	
	42	Acenaphthene	154	6.839	6.839	(1.005)	727577	50.0000	49
	11	2,4-Dinitrophenol	184	6.886	6.886	(1.012)	76314	50.0000	49
	12	4-Nitrophenol	65	6.975	6.975	(1.025)	107096	50.0000	43
	43	Dibenzofuran	168	7.010	7.010	(1.030)	1005270	50.0000	49
	44	2,4-Dinitrotoluene	165	7.010	7.010	(1.030)	205041	50.0000	51
	45	Diethylphthalate	149	7.263	7.263	(1.067)	736522	50.0000	51
	47	Fluorene	166	7.345	7.345	(1.080)	787976	50.0000	49
	46	4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	349277	50.0000	49

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12abr.b/z12985.d
Report Date: 01-Oct-2012 10:34

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48	4-Nitroaniline	138	7.386	7.386	(1.086)	138319	50.0000	50
	13	4,6-Dinitro-2-methylphenol	198	7.410	7.410	(0.898)	98991	50.0000	52
	49	N-Nitrosodiphenylamine	169	7.475	7.475	(0.906)	497988	50.0000	53
	75	1,2-Diphenylhydrazine	77	7.510	7.510	(0.910)	1028388	50.0000	53
$	18	2,4,6-Tribromophenol (SUR)	330	7.580	7.580	(1.114)	67564	50.0000	44
	50	4-Bromophenyl-phenylether	248	7.828	7.828	(0.949)	164189	50.0000	51
	51	Hexachlorobenzene	284	7.886	7.886	(0.956)	161712	50.0000	49
	112	Atrazine	200	8.010	8.010	(0.971)	148312	50.0000	54
	14	Pentachlorophenol	266	8.086	8.086	(0.980)	75819	50.0000	42
*	83	Phenanthrene-d10	188	8.251	8.251	(1.000)	569896	40.0000	
	52	Phenanthrene	178	8.275	8.275	(1.003)	823283	50.0000	50
	53	Anthracene	178	8.327	8.327	(1.009)	835558	50.0000	50
	54	Carbazole	167	8.492	8.492	(1.029)	659225	50.0000	50
	55	Di-n-butylphthalate	149	8.857	8.857	(1.073)	924925	50.0000	54
	56	Fluoranthene	202	9.433	9.433	(1.143)	603817	50.0000	48
	58	Benzidine	184	9.592	9.592	(1.163)	83580	50.0000	66
	57	Pyrene	202	9.651	9.651	(0.886)	573004	50.0000	45
$	78	Terphenyl-d14	244	9.822	9.822	(0.902)	360824	50.0000	47
	59	Butylbenzylphthalate	149	10.316	10.316	(0.947)	270868	50.0000	51
	109	2,3,7,8-TCDD (Screen)	320	10.398	10.398	(0.955)	561	0.50000	0.68
	60	3,3'-Dichlorobenzidine	252	10.868	10.868	(0.998)	115626	50.0000	56
	61	Benzo(a)anthracene	228	10.880	10.880	(0.999)	357592	50.0000	47
*	81	Chrysene-d12	240	10.892	10.892	(1.000)	252424	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	354273	50.0000	50
	62	Chrysene	228	10.921	10.921	(1.003)	363816	50.0000	50
	64	Di-n-octylphthalate	149	11.733	11.733	(0.928)	506682	50.0000	45
	65	Benzo(b)fluoranthene	252	12.163	12.163	(0.962)	299659	50.0000	48
	66	Benzo(k)fluoranthene	252	12.192	12.192	(0.965)	345849	50.0000	47
	67	Benzo(a)pyrene	252	12.568	12.568	(0.994)	273110	50.0000	52
*	84	Perylene-d12	264	12.639	12.639	(1.000)	228919	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.009	14.009	(1.108)	313448	50.0000	69
	69	Dibenz(a,h)anthracene	278	14.039	14.039	(1.111)	313146	50.0000	66
	70	Benzo(g,h,i)perylene	276	14.345	14.345	(1.135)	359207	50.0000	68

QC Flag Legend

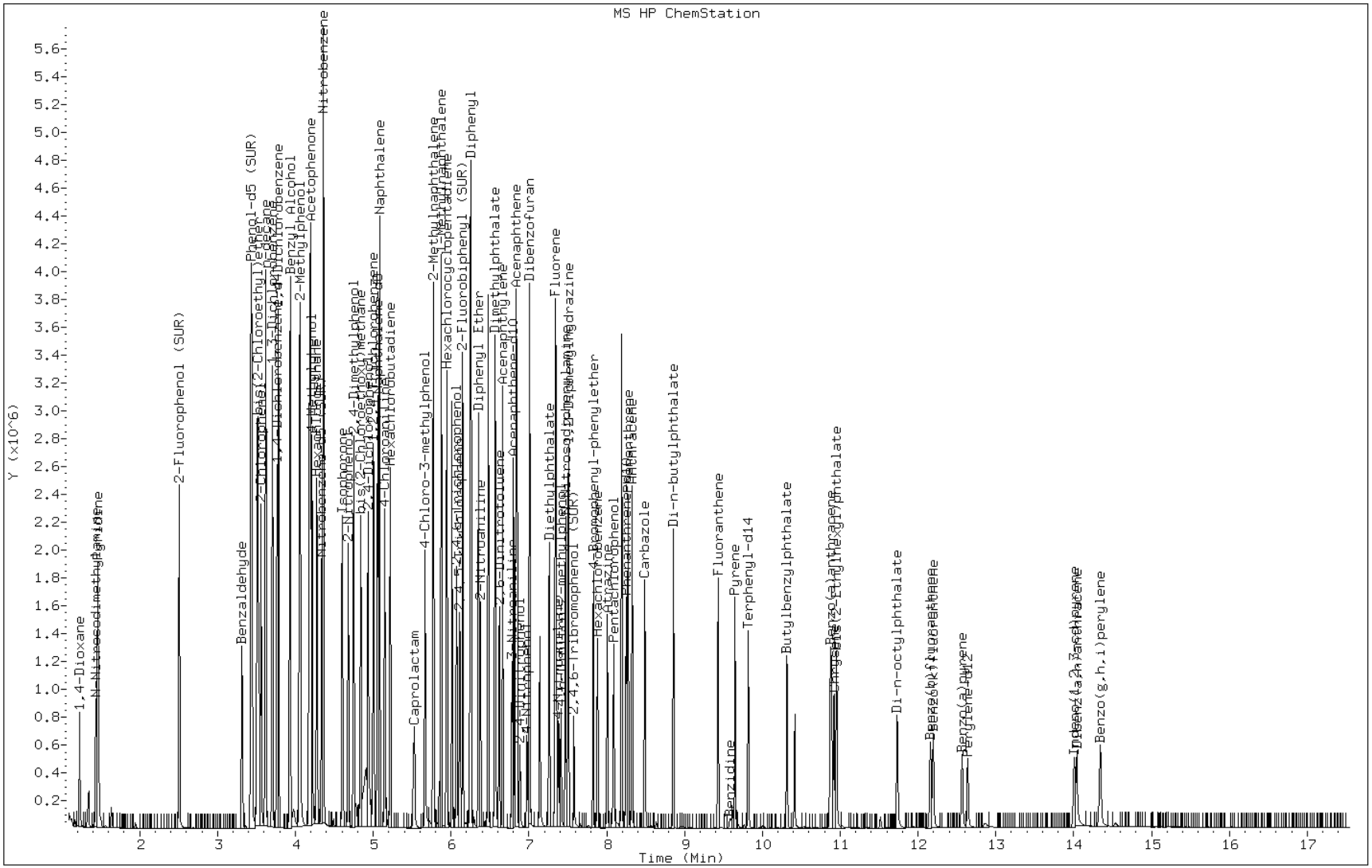
H - Operator selected an alternate compound hit.

Data File: z12985.d

Date: 01-OCT-2012 06:22

Client ID: Instrument: BNAMS11.i

Sample Info: CCV-1687742 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12963.d
Report Date: 30-Sep-2012 23:11

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12963.d
Lab Smp Id: DFTPP-1653831
Inj Date : 30-SEP-2012 20:26
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/BNADFTPP.m
Meth Date : 19-Sep-2012 01:02 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

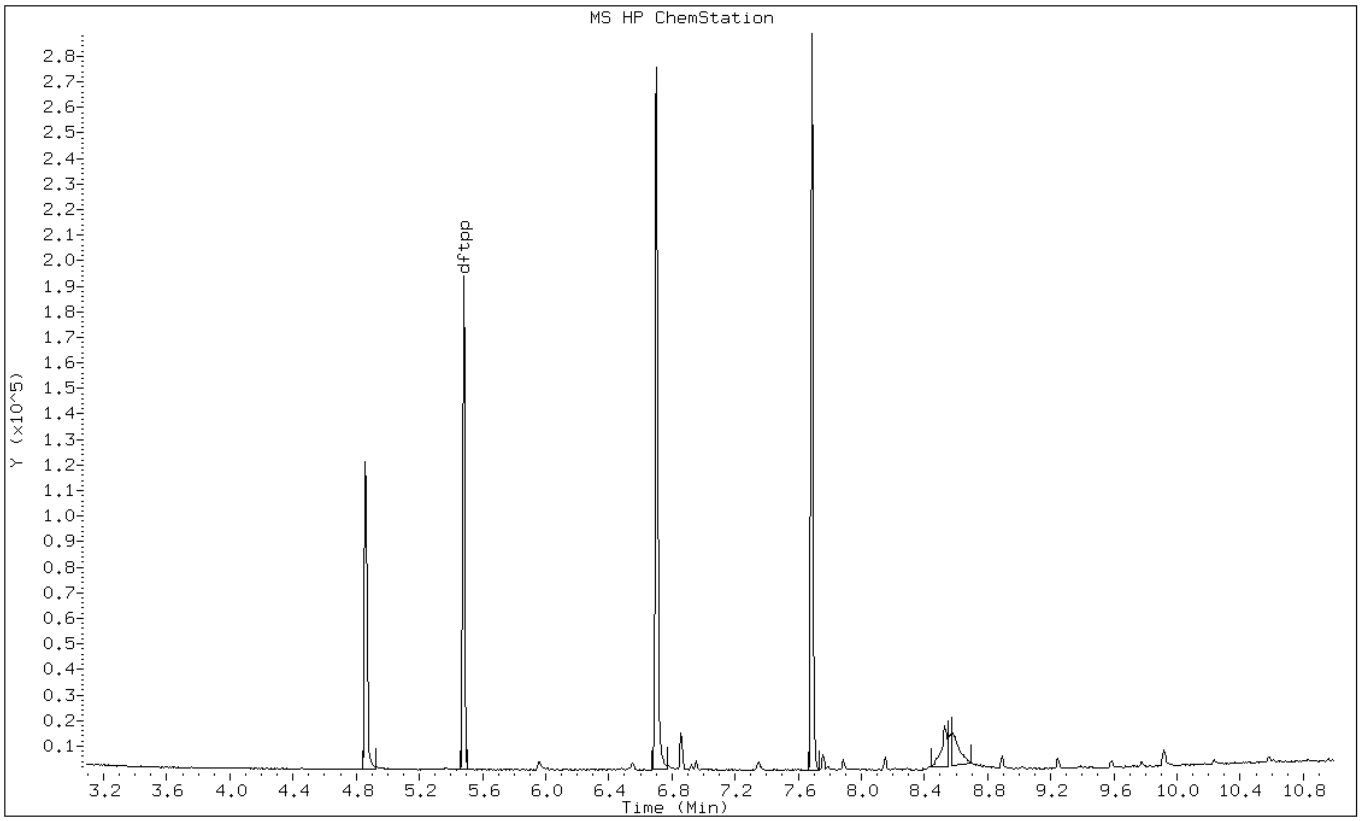
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.481	5.700	-0.219	198	15774			0.00- 100.00	100.00
5.481	5.700	-0.219	51	8939			30.00- 60.00	56.67
5.481	5.700	-0.219	68	174			0.00- 2.00	1.97
5.481	5.700	-0.219	69	8843			0.00- 0.00	56.06
5.481	5.700	-0.219	70	19			0.00- 2.00	0.21
5.481	5.700	-0.219	127	9312			40.00- 60.00	59.03
5.481	5.700	-0.219	197	102			0.00- 1.00	0.65
5.481	5.700	-0.219	199	1014			5.00- 9.00	6.43
5.481	5.700	-0.219	275	3662			10.00- 30.00	23.22
5.481	5.700	-0.219	365	497			1.00- 0.00	3.15
5.481	5.700	-0.219	441	1312			0.01- 100.00	71.50
5.481	5.700	-0.219	442	9548			40.00- 110.00	60.53
5.481	5.700	-0.219	443	1835			17.00- 23.00	19.22

Data File: z12963.d

Date: 30-SEP-2012 20:26

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1653831 Operator: BNAMS3



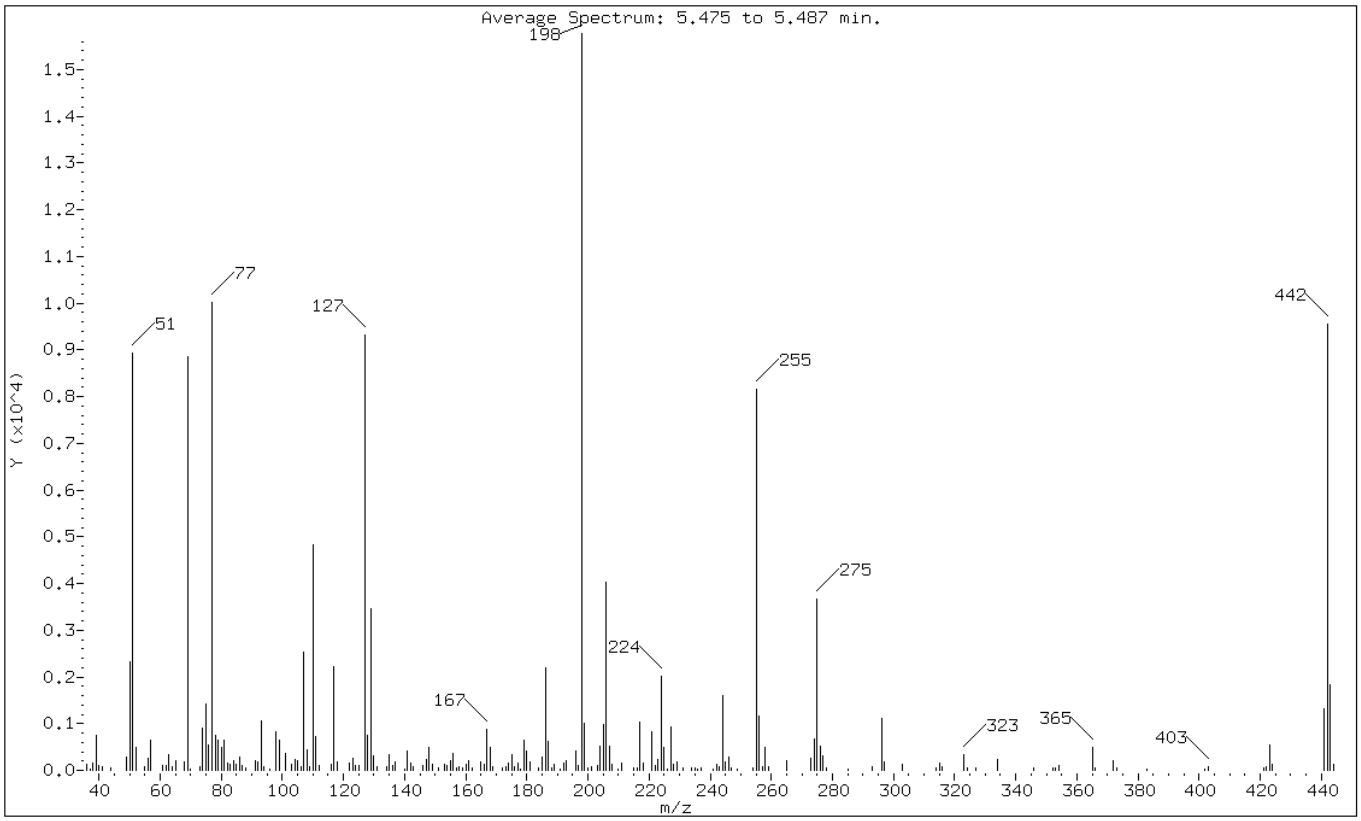
Data File: z12963.d

Date: 30-SEP-2012 20:26

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	56.67
68	Less than 2.00% of mass 69	1.10 (1.97)
69	Mass 69 relative abundance	56.06
70	Less than 2.00% of mass 69	0.12 (0.21)
127	40.00 - 60.00% of mass 198	59.03
197	Less than 1.00% of mass 198	0.65
199	5.00 - 9.00% of mass 198	6.43
275	10.00 - 30.00% of mass 198	23.22
365	Greater than 1.00% of mass 198	3.15
441	0.01 - 100.00% of mass 443	8.32 (71.50)
442	40.00 - 110.00% of mass 198	60.53
443	17.00 - 23.00% of mass 442	11.63 (19.22)

Data File: z12963.d

Date: 30-SEP-2012 20:26

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1653831 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12963.d
Spectrum: Average Spectrum: 5.475 to 5.487 min.
Location of Maximum: 198.00
Number of points: 199

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	118	107.00	2532	176.00	68	244.00	1604
37.00	18	108.00	430	177.00	143	245.00	188
38.00	145	109.00	83	178.00	38	246.00	290
39.00	750	110.00	4816	179.00	657	247.00	57
40.00	103	111.00	716	180.00	410	249.00	38
41.00	73	112.00	91	181.00	179	254.00	57
44.00	53	116.00	130	184.00	46	255.00	8170
49.00	273	117.00	2208	185.00	288	256.00	1163
50.00	2317	118.00	179	186.00	2199	257.00	71
51.00	8939	122.00	158	187.00	617	258.00	481
52.00	493	123.00	257	188.00	48	259.00	70
55.00	90	124.00	113	189.00	135	265.00	211
56.00	259	125.00	95	191.00	17	273.00	257
57.00	647	127.00	9312	192.00	165	274.00	670
61.00	95	128.00	743	193.00	194	275.00	3662
62.00	103	129.00	3461	196.00	409	276.00	510
63.00	342	130.00	320	197.00	102	277.00	305
64.00	66	131.00	70	198.00	15774	278.00	47
65.00	196	134.00	83	199.00	1014	285.00	17
68.00	174	135.00	324	200.00	58	293.00	77
69.00	8843	136.00	103	201.00	65	296.00	1116
70.00	19	137.00	178	203.00	116	297.00	188
73.00	75	140.00	24	204.00	521	303.00	137
74.00	909	141.00	423	205.00	973	314.00	53
75.00	1413	142.00	156	206.00	4016	315.00	145
76.00	546	143.00	81	207.00	529	316.00	65
77.00	10004	146.00	107	208.00	141	323.00	328
78.00	744	147.00	243	210.00	17	324.00	45
79.00	642	148.00	494	211.00	150	327.00	54
80.00	494	149.00	139	215.00	43	334.00	235
81.00	651	151.00	41	216.00	48	346.00	55
82.00	144	153.00	139	217.00	1025	352.00	62
83.00	130	154.00	95	218.00	148	353.00	64
84.00	209	155.00	200	221.00	821	354.00	115
85.00	118	156.00	370	222.00	97	365.00	497
86.00	276	157.00	55	223.00	222	366.00	59
87.00	103	158.00	77	224.00	2002	372.00	210
88.00	47	159.00	39	225.00	497	373.00	51
91.00	196	160.00	127	226.00	22	383.00	20
92.00	170	161.00	215	227.00	931	402.00	37

93.00	1049	162.00	44	228.00	132	403.00	82
94.00	72	165.00	171	229.00	183	421.00	62
96.00	17	166.00	136	231.00	61	422.00	71
98.00	820	167.00	880	234.00	43	423.00	537
99.00	658	168.00	494	235.00	47	424.00	138
101.00	369	169.00	88	236.00	16	441.00	1312
103.00	135	172.00	58	237.00	55	442.00	9548
104.00	231	173.00	90	241.00	35	443.00	1835
105.00	205	174.00	155	242.00	122	444.00	141
106.00	86	175.00	323	243.00	85		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-129345/1-A

Matrix: Solid | Lab File ID: z12974.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 02:00

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	39	U	330	39
108-95-2	Phenol	44	U	330	44
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
98-86-2	Acetophenone	51	U	330	51
106-44-5	4-Methylphenol	65	U	330	65
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
67-72-1	Hexachloroethane	3.7	U	33	3.7
98-95-3	Nitrobenzene	4.7	U	33	4.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
120-83-2	2,4-Dichlorophenol	48	U	330	48
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	1,1'-Biphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
131-11-3	Dimethyl phthalate	39	U	330	39
606-20-2	2,6-Dinitrotoluene	10	U	67	10
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48
51-28-5	2,4-Dinitrophenol	190	U	1000	190

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-129345/1-A

Matrix: Solid | Lab File ID: z12974.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 02:00

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
132-64-9	Dibenzofuran	39	U	330	39
121-14-2	2,4-Dinitrotoluene	11	U	67	11
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
1912-24-9	Atrazine	51	U	330	51
87-86-5	Pentachlorophenol	99	U	1000	99
85-01-8	Phenanthrene	42	U	330	42
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
84-74-2	Di-n-butyl phthalate	41	U	330	41
206-44-0	Fluoranthene	44	U	330	44
129-00-0	Pyrene	28	U	330	28
85-68-7	Butyl benzyl phthalate	30	U	330	30
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
218-01-9	Chrysene	39	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
191-24-2	Benzo[g,h,i]perylene	25	U	330	25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-129345/1-A

Matrix: Solid | Lab File ID: z12974.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 02:00

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		10-120
321-60-8	2-Fluorobiphenyl	83		40-109
367-12-4	2-Fluorophenol (Surr)	84		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	87		38-105
4165-62-2	Phenol-d5 (Surr)	94		41-118
1718-51-0	Terphenyl-d14 (Surr)	91		16-151

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

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-129345/1-A

Matrix: Solid | Lab File ID: z12974.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 02:00

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 3180

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.26	3180	A J

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12974.d
Report Date: 01-Oct-2012 10:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12974.d
Lab Smp Id: MB 460-129345/1-A
Inj Date : 01-OCT-2012 02:00
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-129345/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 12 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

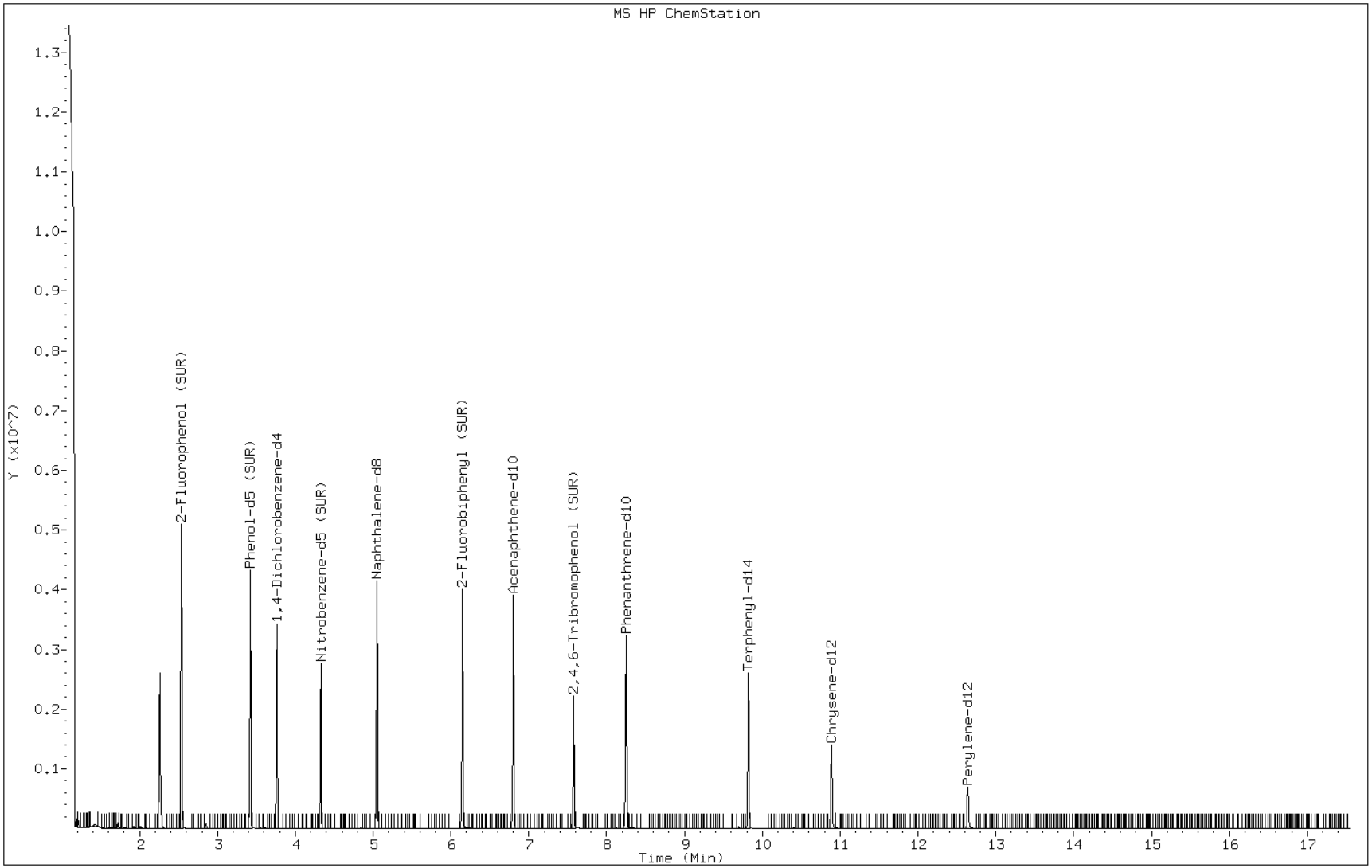
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.675)	1377382	84.1645	5600
$ 17 Phenol-d5 (SUR)	99	3.428	3.410	(0.911)	1828427	94.3693	6300
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	456335	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.328	4.328	(0.857)	857433	43.2964	2900
* 80 Naphthalene-d8	136	5.051	5.051	(1.000)	1788296	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1343829	41.6515	2800
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	905602	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.581	7.575	(1.114)	216638	83.3692	5600
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1151828	40.0000	
$ 78 Terphenyl-d14	244	9.822	9.816	(0.902)	702611	45.4724	3000
* 81 Chrysene-d12	240	10.886	10.886	(1.000)	521212	40.0000	
* 84 Perylene-d12	264	12.645	12.639	(1.000)	338653	40.0000	

Data File: z12974.d

Date: 01-OCT-2012 02:00

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-129345/1-A Operator: BNAMS 4



Data File: z12974.d

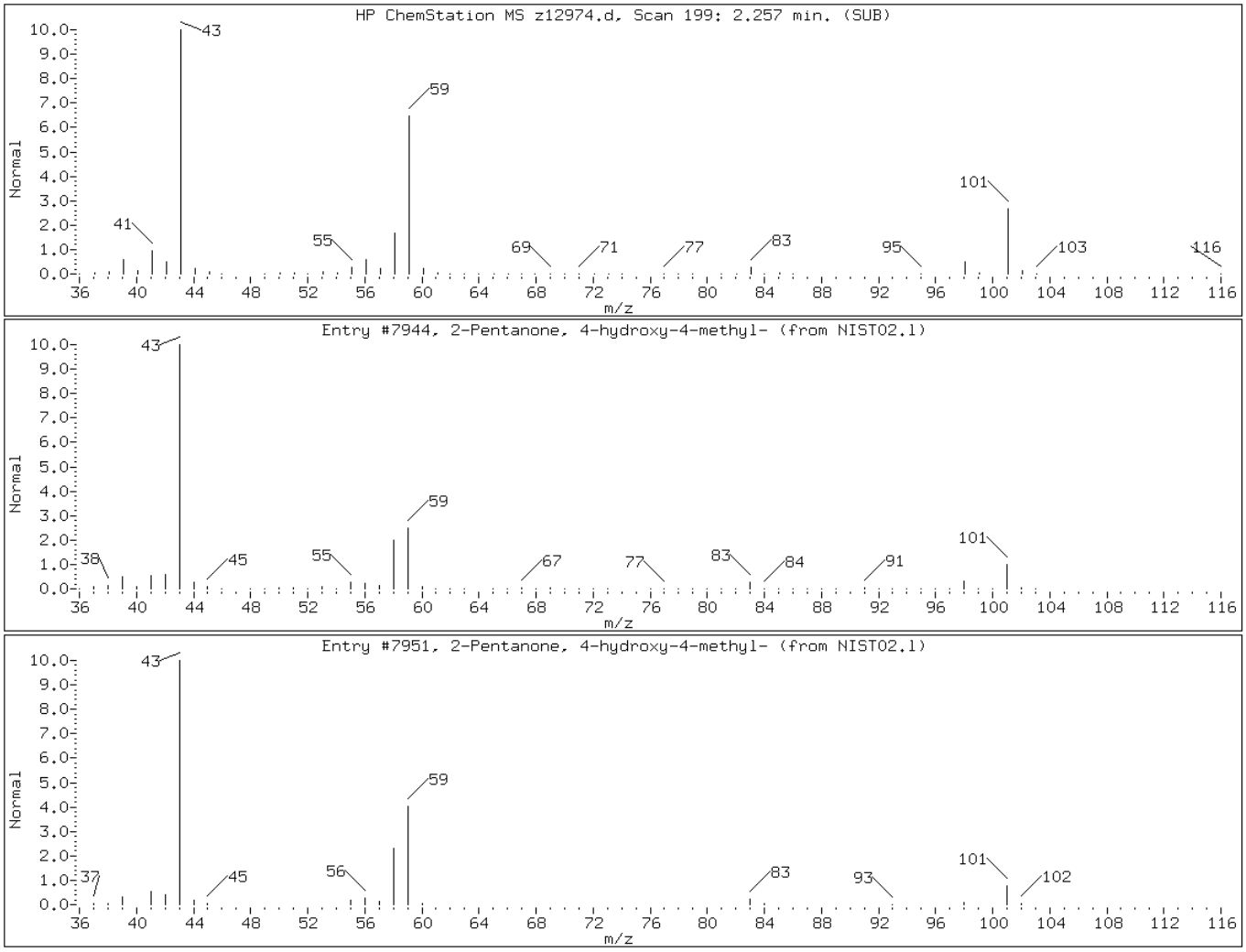
Date: 01-OCT-2012 02:00

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-129345/1-A Operator: BNAMS 4

Retention Time: 2.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	56	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-129345/2-A

Matrix: Solid | Lab File ID: z12972.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 01:10

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2270		330	39
108-95-2	Phenol	4830		330	44
111-44-4	Bis(2-chloroethyl)ether	2750		33	4.5
95-57-8	2-Chlorophenol	5060		330	44
95-48-7	2-Methylphenol	5160		330	56
108-60-1	2,2'-oxybis[1-chloropropane]	2410		330	37
98-86-2	Acetophenone	2850		330	51
106-44-5	4-Methylphenol	5430		330	65
621-64-7	N-Nitrosodi-n-propylamine	3030		33	5.5
67-72-1	Hexachloroethane	2590		33	3.7
98-95-3	Nitrobenzene	2510		33	4.7
78-59-1	Isophorone	1820		330	40
88-75-5	2-Nitrophenol	5070		330	37
105-67-9	2,4-Dimethylphenol	5040		330	82
111-91-1	Bis(2-chloroethoxy)methane	2660		330	43
120-83-2	2,4-Dichlorophenol	5120		330	48
91-20-3	Naphthalene	2580		330	38
106-47-8	4-Chloroaniline	1730		330	88
87-68-3	Hexachlorobutadiene	2530		67	8.1
105-60-2	Caprolactam	2050		330	76
59-50-7	4-Chloro-3-methylphenol	5420		330	50
91-57-6	2-Methylnaphthalene	2660		330	43
77-47-4	Hexachlorocyclopentadiene	2290		330	39
88-06-2	2,4,6-Trichlorophenol	5210		330	39
95-95-4	2,4,5-Trichlorophenol	5140		330	43
92-52-4	1,1'-Biphenyl	2560		330	44
91-58-7	2-Chloronaphthalene	2610		330	37
88-74-4	2-Nitroaniline	2490		670	140
131-11-3	Dimethyl phthalate	2770		330	39
606-20-2	2,6-Dinitrotoluene	2630		67	10
208-96-8	Acenaphthylene	2530		330	39
99-09-2	3-Nitroaniline	1930		670	120
83-32-9	Acenaphthene	2640		330	48
51-28-5	2,4-Dinitrophenol	5860		1000	190

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-129345/2-A

Matrix: Solid | Lab File ID: z12972.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 01:10

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5760		1000	210
132-64-9	Dibenzofuran	2590		330	39
121-14-2	2,4-Dinitrotoluene	2780		67	11
84-66-2	Diethyl phthalate	2700		330	39
86-73-7	Fluorene	2620		330	42
7005-72-3	4-Chlorophenyl phenyl ether	2650		330	39
100-01-6	4-Nitroaniline	2840		670	100
534-52-1	4,6-Dinitro-2-methylphenol	5630		1000	90
86-30-6	N-Nitrosodiphenylamine	2840		330	33
101-55-3	4-Bromophenyl phenyl ether	2730		330	33
118-74-1	Hexachlorobenzene	2650		33	4.5
1912-24-9	Atrazine	1240		330	51
87-86-5	Pentachlorophenol	5400		1000	99
85-01-8	Phenanthrene	2640		330	42
120-12-7	Anthracene	2580		330	40
86-74-8	Carbazole	2690		330	39
84-74-2	Di-n-butyl phthalate	2730		330	41
206-44-0	Fluoranthene	2680		330	44
129-00-0	Pyrene	2600		330	28
85-68-7	Butyl benzyl phthalate	2660		330	30
91-94-1	3,3'-Dichlorobenzidine	2480		670	120
56-55-3	Benzo[a]anthracene	2650		33	2.3
218-01-9	Chrysene	2640		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	2690		330	110
117-84-0	Di-n-octyl phthalate	2540		330	21
205-99-2	Benzo[b]fluoranthene	2660		33	2.1
207-08-9	Benzo[k]fluoranthene	2260		33	2.5
50-32-8	Benzo[a]pyrene	2540		33	2.3
193-39-5	Indeno[1,2,3-cd]pyrene	2630		33	6.2
53-70-3	Dibenz(a,h)anthracene	2560		33	4.2
191-24-2	Benzo[g,h,i]perylene	2580		330	25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-129345/2-A

Matrix: Solid | Lab File ID: z12972.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.00(g) | Date Analyzed: 10/01/2012 01:10

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

Injection Volume: | Level: (low/med) Low

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

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	73		10-120
321-60-8	2-Fluorobiphenyl	71		40-109
367-12-4	2-Fluorophenol (Surr)	70		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	73		38-105
4165-62-2	Phenol-d5 (Surr)	74		41-118
1718-51-0	Terphenyl-d14 (Surr)	75		16-151

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12972.d
Report Date: 01-Oct-2012 01:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12972.d
Lab Smp Id: LCS 460-129345/2-A
Inj Date : 01-OCT-2012 01:10
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-129345/2-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 10 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	1.328	1.240	(0.352)	225161	25.9248	1700
	19 N-Nitrosodimethylamine	74	1.522	1.440	(0.404)	505826	40.1879	2700(H)
	71 Pyridine	79	1.540	1.463	(0.409)	611177	28.2736	1900
$	16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.674)	1381310	69.7982	4600
	110 Benzaldehyde	77	3.322	3.316	(0.881)	237175	34.0688	2300
$	17 Phenol-d5 (SUR)	99	3.440	3.410	(0.913)	1732280	73.9350	4900
	73 Aniline	93	3.446	3.428	(0.914)	607384	21.5080	1400
	1 Phenol	94	3.457	3.422	(0.917)	1872576	72.3825	4800
	20 bis(2-Chloroethyl)ether	93	3.522	3.498	(0.934)	839444	41.2045	2700
	2 2-Chlorophenol	128	3.563	3.551	(0.945)	1545429	75.8722	5000
	113 n-decane	43	3.622	3.616	(0.961)	684272	32.3888	2200
	21 1,3-Dichlorobenzene	146	3.710	3.704	(0.984)	860717	38.0326	2500
*	79 1,4-Dichlorobenzene-d4	152	3.769	3.763	(1.000)	551830	40.0000	

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12972.d
Report Date: 01-Oct-2012 01:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.787	3.775	(1.005)	854159	37.9273	2500
	74 Benzyl Alcohol	108	3.928	3.910	(1.042)	519430	42.3530	2800
	23 1,2-Dichlorobenzene	146	3.934	3.934	(1.044)	794718	38.5401	2600
	3 2-Methylphenol	108	4.051	4.040	(1.075)	1301557	77.4019	5200
	24 bis (2-chloroisopropyl) ether	45	4.063	4.051	(1.078)	871581	36.1850	2400
	104 Acetophenone	105	4.193	4.175	(1.112)	1023368	42.6994	2800
	4 4-Methylphenol	108	4.228	4.198	(1.122)	1368593	81.4049	5400(H)
	121 3 & 4 Methylphenol	108	4.228	4.198	(1.122)	1368593	81.4049	5400(H)
	25 N-Nitroso-di-n-propylamine	70	4.240	4.187	(1.125)	586135	45.4574	3000(M)
	26 Hexachloroethane	117	4.275	4.275	(1.134)	343195	38.8282	2600
$	76 Nitrobenzene-d5 (SUR)	82	4.340	4.328	(0.858)	831126	36.2769	2400
	27 Nitrobenzene	77	4.363	4.345	(0.863)	1090571	37.6488	2500
	107 N,N-Dimethylaniline	120	4.363	4.357	(1.158)	1058822	38.7708	2600
	28 Isophorone	82	4.622	4.592	(0.914)	963423	27.3176	1800(H)
	5 2-Nitrophenol	139	4.681	4.675	(0.926)	821996	76.0548	5100
	6 2,4-Dimethylphenol	122	4.757	4.739	(0.941)	1282015	75.5672	5000
	29 bis(2-Chloroethoxy)methane	93	4.840	4.828	(0.957)	894162	39.8837	2600
	7 2,4-Dichlorophenol	162	4.934	4.922	(0.976)	1059261	76.8337	5100
	30 1,2,4-Trichlorobenzene	180	5.010	5.004	(0.991)	600036	38.2926	2600
*	80 Naphthalene-d8	136	5.057	5.051	(1.000)	2068843	40.0000	
	31 Naphthalene	128	5.081	5.075	(1.005)	2208969	38.7328	2600
	32 4-Chloroaniline	127	5.151	5.145	(1.019)	519080	26.0175	1700
	33 Hexachlorobutadiene	225	5.216	5.216	(1.031)	305706	38.0200	2500
	111 Caprolactam	113	5.563	5.469	(1.100)	136356	30.7503	2000
	8 4-Chloro-3-methylphenol	107	5.675	5.657	(1.122)	1160979	81.2824	5400
	34 2-Methylnaphthalene	142	5.781	5.769	(1.143)	1300647	39.9097	2700
	120 1-Methylnaphthalene	142	5.875	5.869	(1.162)	1226544	36.9647	2500
	35 Hexachlorocyclopentadiene	237	5.945	5.939	(0.873)	240225	34.3333	2300
	9 2,4,6-Trichlorophenol	196	6.081	6.069	(0.893)	661806	78.1946	5200
	10 2,4,5-Trichlorophenol	196	6.116	6.104	(0.898)	634179	77.0810	5100
$	77 2-Fluorobiphenyl (SUR)	172	6.157	6.145	(0.904)	1212250	35.5041	2400
	102 Diphenyl	154	6.251	6.239	(0.918)	1454896	38.4064	2600
	36 2-Chloronaphthalene	162	6.263	6.251	(0.920)	1079586	39.1012	2600
	103 Diphenyl Ether	170	6.357	6.351	(0.933)	788389	38.3834	2600
	37 2-Nitroaniline	65	6.375	6.369	(0.936)	340229	37.3779	2500
	38 Dimethylphthalate	163	6.569	6.557	(0.965)	1122285	41.5013	2800
	40 2,6-Dinitrotoluene	165	6.622	6.610	(0.972)	252670	39.4891	2600
	39 Acenaphthylene	152	6.663	6.657	(0.978)	1701243	38.0202	2500
	41 3-Nitroaniline	138	6.787	6.775	(0.997)	184646	28.9128	1900
*	82 Acenaphthene-d10	164	6.810	6.804	(1.000)	958382	40.0000	
	42 Acenaphthene	154	6.840	6.833	(1.004)	1020426	39.5514	2600
	11 2,4-Dinitrophenol	184	6.892	6.875	(1.012)	266253	87.9141	5900
	12 4-Nitrophenol	65	6.987	6.969	(1.026)	395443	86.3367	5800
	43 Dibenzofuran	168	7.010	7.004	(1.029)	1393578	38.7904	2600
	44 2,4-Dinitrotoluene	165	7.016	7.004	(1.030)	300900	41.6944	2800
	45 Diethylphthalate	149	7.269	7.257	(1.067)	1036297	40.4752	2700
	47 Fluorene	166	7.345	7.339	(1.079)	1109892	39.3427	2600

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12972.d
Report Date: 01-Oct-2012 01:47

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	46	4-Chlorophenyl-phenylether	204	7.357	7.351	(1.080)	489866	39.7472	2600
	48	4-Nitroaniline	138	7.392	7.369	(1.085)	210111	42.5496	2800(H)
	13	4,6-Dinitro-2-methylphenol	198	7.422	7.404	(0.899)	317376	84.4947	5600
	49	N-Nitrosodiphenylamine	169	7.481	7.469	(0.906)	742129	42.5749	2800
	75	1,2-Diphenylhydrazine	77	7.510	7.498	(0.910)	1245076	32.8309	2200
$	18	2,4,6-Tribromophenol (SUR)	330	7.587	7.575	(1.114)	201206	73.1662	4900
	50	4-Bromophenyl-phenylether	248	7.828	7.822	(0.948)	244448	40.9949	2700
	51	Hexachlorobenzene	284	7.887	7.880	(0.955)	241421	39.7867	2600
	112	Atrazine	200	8.010	8.004	(0.970)	100449	18.5905	1200
	14	Pentachlorophenol	266	8.087	8.080	(0.979)	280126	81.0117	5400
*	83	Phenanthrene-d10	188	8.257	8.251	(1.000)	1085311	40.0000	
	52	Phenanthrene	178	8.281	8.275	(1.003)	1223225	39.5549	2600
	53	Anthracene	178	8.328	8.322	(1.009)	1215394	38.6487	2600
	54	Carbazole	167	8.498	8.486	(1.029)	1007982	40.4101	2700
	55	Di-n-butylphthalate	149	8.857	8.851	(1.073)	1356648	40.9434	2700
	56	Fluoranthene	202	9.439	9.427	(1.143)	960049	40.1784	2700
	58	Benzidine	184	9.581	9.580	(1.160)	15117	9.11207	610(a)
	57	Pyrene	202	9.657	9.645	(0.886)	916182	39.0646	2600
$	78	Terphenyl-d14	244	9.828	9.816	(0.902)	530507	37.3280	2500
	59	Butylbenzylphthalate	149	10.322	10.316	(0.947)	411729	39.8726	2600
	60	3,3'-Dichlorobenzidine	252	10.875	10.869	(0.998)	142067	37.1841	2500
	61	Benzo(a)anthracene	228	10.886	10.874	(0.999)	546421	39.8008	2600
*	81	Chrysene-d12	240	10.898	10.886	(1.000)	479406	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.963	10.957	(1.006)	537375	40.3686	2700
	62	Chrysene	228	10.928	10.916	(1.003)	538255	39.6642	2600
	64	Di-n-octylphthalate	149	11.739	11.733	(0.928)	749212	38.1305	2500
	65	Benzo(b)fluoranthene	252	12.169	12.157	(0.962)	438283	39.8772	2600
	66	Benzo(k)fluoranthene	252	12.169	12.186	(0.962)	438283	33.9448	2300
	67	Benzo(a)pyrene	252	12.574	12.563	(0.994)	361363	38.1307	2500
*	84	Perylene-d12	264	12.651	12.639	(1.000)	391757	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.016	13.998	(1.108)	325259	39.4501	2600
	69	Dibenz(a,h)anthracene	278	14.045	14.033	(1.110)	333681	38.4169	2600
	70	Benzo(g,h,i)perylene	276	14.351	14.333	(1.134)	356682	38.7639	2600

QC Flag Legend

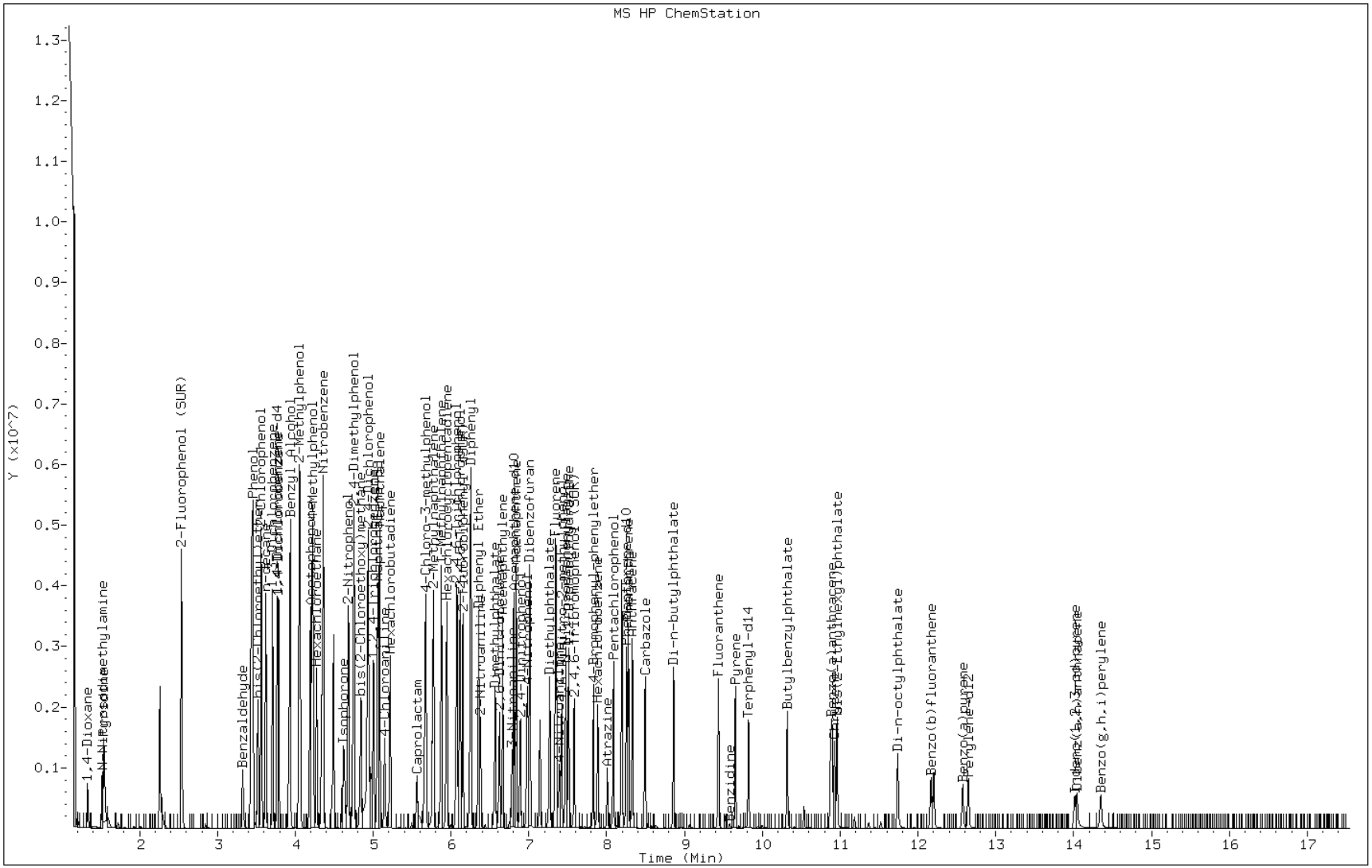
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z12972.d

Date: 01-OCT-2012 01:10

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-129345/2-A Operator: BNAMS 4



Manual Integration Report

Data File: z12972.d
Inj. Date and Time: 01-OCT-2012 01:10
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/01/2012

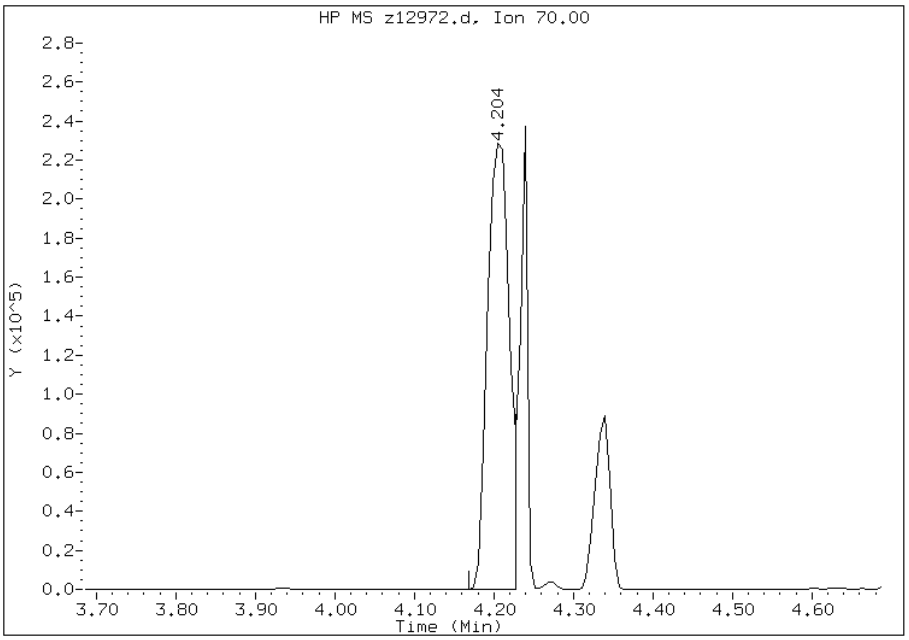
Processing Integration Results

RT: 4.20

Response: 450892

Amount: 35

Conc: 2331



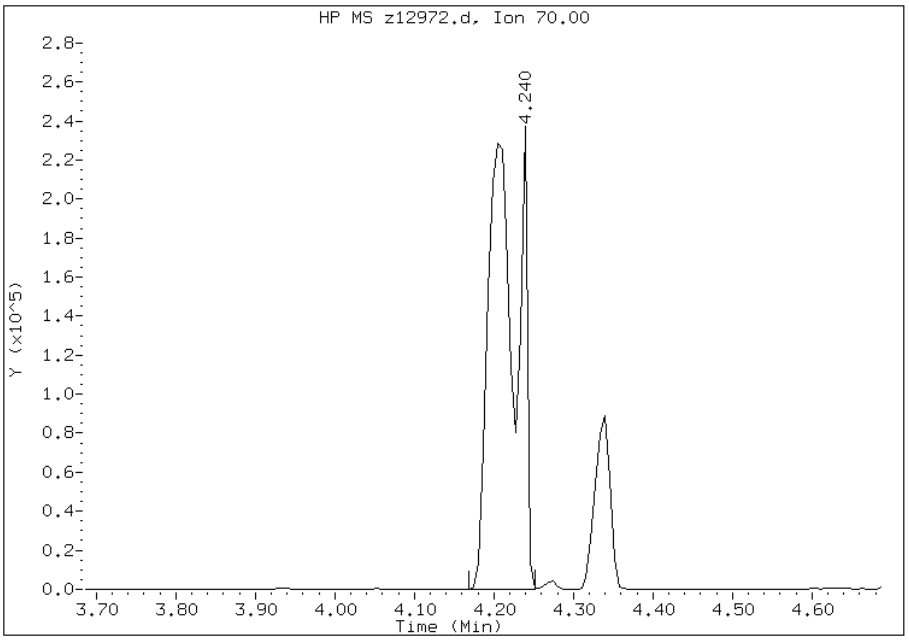
Manual Integration Results

RT: 4.24

Response: 586135

Amount: 45

Conc: 3030



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1 MS

Matrix: Solid | Lab File ID: z12983.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) | Date Analyzed: 10/01/2012 05:34

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	3800		490	58
108-95-2	Phenol	7740		490	66
111-44-4	Bis(2-chloroethyl)ether	4280		49	6.7
95-57-8	2-Chlorophenol	7840		490	64
95-48-7	2-Methylphenol	8060		490	84
108-60-1	2,2'-oxybis[1-chloropropane]	3910		490	54
98-86-2	Acetophenone	4160		490	75
106-44-5	4-Methylphenol	8420		490	96
621-64-7	N-Nitrosodi-n-propylamine	4200		49	8.2
67-72-1	Hexachloroethane	3880		49	5.4
98-95-3	Nitrobenzene	4020		49	7.0
78-59-1	Isophorone	3010		490	59
88-75-5	2-Nitrophenol	7920		490	55
105-67-9	2,4-Dimethylphenol	7970		490	120
111-91-1	Bis(2-chloroethoxy)methane	4260		490	63
120-83-2	2,4-Dichlorophenol	7840		490	72
91-20-3	Naphthalene	4070		490	57
106-47-8	4-Chloroaniline	2950		490	130
87-68-3	Hexachlorobutadiene	3890		99	12
105-60-2	Caprolactam	4330		490	110
59-50-7	4-Chloro-3-methylphenol	8110		490	74
91-57-6	2-Methylnaphthalene	4130		490	63
77-47-4	Hexachlorocyclopentadiene	2610		490	58
88-06-2	2,4,6-Trichlorophenol	8320		490	57
95-95-4	2,4,5-Trichlorophenol	7910		490	63
92-52-4	1,1'-Biphenyl	4230		490	66
91-58-7	2-Chloronaphthalene	4180		490	55
88-74-4	2-Nitroaniline	4360		990	200
131-11-3	Dimethyl phthalate	4580		490	58
606-20-2	2,6-Dinitrotoluene	4370		99	15
208-96-8	Acenaphthylene	4060		490	58
99-09-2	3-Nitroaniline	3560		990	170
83-32-9	Acenaphthene	4300		490	71
51-28-5	2,4-Dinitrophenol	7940		1500	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1 MS

Matrix: Solid | Lab File ID: z12983.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) | Date Analyzed: 10/01/2012 05:34

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8310		1500	320
132-64-9	Dibenzofuran	4160		490	57
121-14-2	2,4-Dinitrotoluene	4440		99	16
84-66-2	Diethyl phthalate	4460		490	58
86-73-7	Fluorene	4220		490	63
7005-72-3	4-Chlorophenyl phenyl ether	4190		490	57
100-01-6	4-Nitroaniline	4470		990	150
534-52-1	4,6-Dinitro-2-methylphenol	8980		1500	130
86-30-6	N-Nitrosodiphenylamine	4880		490	48
101-55-3	4-Bromophenyl phenyl ether	4550		490	49
118-74-1	Hexachlorobenzene	4320		49	6.7
1912-24-9	Atrazine	2010		490	76
87-86-5	Pentachlorophenol	8100		1500	150
85-01-8	Phenanthrene	4730		490	62
120-12-7	Anthracene	4160		490	60
86-74-8	Carbazole	4330		490	58
84-74-2	Di-n-butyl phthalate	4430		490	60
206-44-0	Fluoranthene	4900		490	65
129-00-0	Pyrene	4630		490	41
85-68-7	Butyl benzyl phthalate	4320		490	45
91-94-1	3,3'-Dichlorobenzidine	4450		990	170
56-55-3	Benzo[a]anthracene	4580		49	3.4
218-01-9	Chrysene	4540		490	57
117-81-7	Bis(2-ethylhexyl) phthalate	4280		490	160
117-84-0	Di-n-octyl phthalate	3730		490	31
205-99-2	Benzo[b]fluoranthene	4620		49	3.1
207-08-9	Benzo[k]fluoranthene	3750		49	3.7
50-32-8	Benzo[a]pyrene	4270		49	3.5
193-39-5	Indeno[1,2,3-cd]pyrene	4890		49	9.1
53-70-3	Dibenz(a,h)anthracene	4600		49	6.2
191-24-2	Benzo[g,h,i]perylene	4920		490	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- Lab Sample ID: 460-44767-1 MS

Matrix: Solid Lab File ID: z12983.d

Analysis Method: 8270C Date Collected: 09/17/2012 09:30

Extract. Method: 3541 Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.05(g) Date Analyzed: 10/01/2012 05:34

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

Injection Volume: Level: (low/med) Low

% Moisture: 32.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	71		10-120
321-60-8	2-Fluorobiphenyl	79		40-109
367-12-4	2-Fluorophenol (Surr)	73		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	77		38-105
4165-62-2	Phenol-d5 (Surr)	78		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12983.d
Report Date: 01-Oct-2012 10:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12983.d
Lab Smp Id: 460-44767-A-1-C MS Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 05:34
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-1-C MS
Misc Info : 460-44767-A-1-C MS
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 21 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	32.68482	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	1.322	1.240	(0.351)	193659	26.7129	2600(H)
	19 N-Nitrosodimethylamine	74	1.510	1.440	(0.401)	437669	41.6582	4100(H)
	71 Pyridine	79	1.534	1.463	(0.408)	593670	32.9018	3200
$	16 2-Fluorophenol (SUR)	112	2.534	2.504	(0.673)	1207540	73.0997	7200
	110 Benzaldehyde	77	3.322	3.316	(0.883)	223511	38.4633	3800
$	17 Phenol-d5 (SUR)	99	3.440	3.410	(0.914)	1522497	77.8482	7700
	73 Aniline	93	3.440	3.428	(0.914)	577224	24.4873	2400
	1 Phenol	94	3.452	3.422	(0.917)	1692611	78.3812	7700
	20 bis(2-Chloroethyl)ether	93	3.516	3.498	(0.934)	738143	43.4064	4300
	2 2-Chlorophenol	128	3.563	3.551	(0.947)	1350674	79.4410	7800
	113 n-decane	43	3.622	3.616	(0.962)	605799	34.3523	3400
	21 1,3-Dichlorobenzene	146	3.710	3.704	(0.986)	735213	38.9197	3800
*	79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	460622	40.0000	

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12983.d
Report Date: 01-Oct-2012 10:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.781	3.775	(1.005)	737127	39.2117	3900
	74 Benzyl Alcohol	108	3.928	3.910	(1.044)	441962	43.1720	4300
	23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	694574	40.3533	4000
	3 2-Methylphenol	108	4.051	4.040	(1.077)	1146684	81.6945	8100
	24 bis (2-chloroisopropyl) ether	45	4.063	4.051	(1.080)	795599	39.5709	3900
	104 Acetophenone	105	4.187	4.175	(1.113)	843918	42.1843	4200
	4 4-Methylphenol	108	4.222	4.198	(1.122)	1197350	85.3214	8400(H)
	121 3 & 4 Methylphenol	108	4.222	4.198	(1.122)	1197350	85.3214	8400(H)
	25 N-Nitroso-di-n-propylamine	70	4.204	4.187	(1.117)	458203	42.5722	4200
	26 Hexachloroethane	117	4.275	4.275	(1.136)	289980	39.3038	3900
$	76 Nitrobenzene-d5 (SUR)	82	4.340	4.328	(0.858)	726443	38.7135	3800
	27 Nitrobenzene	77	4.357	4.345	(0.862)	966068	40.7195	4000
	107 N,N-Dimethylaniline	120	4.363	4.357	(1.159)	927528	40.6882	4000
	28 Isophorone	82	4.616	4.592	(0.913)	880529	30.4837	3000(H)
	5 2-Nitrophenol	139	4.681	4.675	(0.926)	710396	80.2519	7900
	6 2,4-Dimethylphenol	122	4.757	4.739	(0.941)	1122586	80.7900	8000
	29 bis(2-Chloroethoxy)methane	93	4.840	4.828	(0.957)	792519	43.1605	4300
	7 2,4-Dichlorophenol	162	4.934	4.922	(0.976)	896325	79.3802	7800
	30 1,2,4-Trichlorobenzene	180	5.004	5.004	(0.990)	508072	39.5878	3900
*	80 Naphthalene-d8	136	5.057	5.051	(1.000)	1694453	40.0000	
	31 Naphthalene	128	5.081	5.075	(1.005)	1927951	41.2747	4100
	32 4-Chloroaniline	127	5.146	5.145	(1.017)	488109	29.8707	2900
	33 Hexachlorobutadiene	225	5.216	5.216	(1.031)	259696	39.4341	3900
	111 Caprolactam	113	5.551	5.469	(1.098)	159288	43.8587	4300(H)
	8 4-Chloro-3-methylphenol	107	5.675	5.657	(1.122)	961001	82.1474	8100
	34 2-Methylnaphthalene	142	5.775	5.769	(1.142)	1115525	41.7923	4100
	120 1-Methylnaphthalene	142	5.875	5.869	(1.162)	1047110	38.5295	3800
	35 Hexachlorocyclopentadiene	237	5.945	5.939	(0.874)	140278	26.4195	2600
	9 2,4,6-Trichlorophenol	196	6.075	6.069	(0.893)	541599	84.3261	8300
	10 2,4,5-Trichlorophenol	196	6.116	6.104	(0.899)	500513	80.1658	7900
$	77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1021875	39.4386	3900
	102 Diphenyl	154	6.245	6.239	(0.918)	1232985	42.8912	4200
	36 2-Chloronaphthalene	162	6.257	6.251	(0.920)	886614	42.3161	4200
	103 Diphenyl Ether	170	6.351	6.351	(0.933)	661505	42.4399	4200
	37 2-Nitroaniline	65	6.375	6.369	(0.937)	304839	44.1319	4400
	38 Dimethylphthalate	163	6.569	6.557	(0.965)	953177	46.4483	4600
	40 2,6-Dinitrotoluene	165	6.622	6.610	(0.973)	214993	44.2778	4400
	39 Acenaphthylene	152	6.663	6.657	(0.979)	1398333	41.1810	4100
	41 3-Nitroaniline	138	6.781	6.775	(0.997)	174591	36.0256	3600
*	82 Acenaphthene-d10	164	6.804	6.804	(1.000)	727278	40.0000	
	42 Acenaphthene	154	6.840	6.833	(1.005)	851948	43.5143	4300
	11 2,4-Dinitrophenol	184	6.887	6.875	(1.012)	184914	80.4585	7900
	12 4-Nitrophenol	65	6.981	6.969	(1.026)	292679	84.2056	8300
	43 Dibenzofuran	168	7.010	7.004	(1.030)	1149216	42.1534	4200
	44 2,4-Dinitrotoluene	165	7.016	7.004	(1.031)	246238	44.9623	4400
	45 Diethylphthalate	149	7.263	7.257	(1.067)	877429	45.1601	4400
	47 Fluorene	166	7.345	7.339	(1.080)	915493	42.7639	4200

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12983.d
Report Date: 01-Oct-2012 10:31

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	46	4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	397001	42.4481	4200
	48	4-Nitroaniline	138	7.387	7.369	(1.086)	169849	45.3261	4500
	13	4,6-Dinitro-2-methylphenol	198	7.416	7.404	(0.899)	238546	91.0088	9000
	49	N-Nitrosodiphenylamine	169	7.475	7.469	(0.906)	600910	49.4014	4900
	75	1,2-Diphenylhydrazine	77	7.510	7.498	(0.910)	1000315	37.7990	3700
$	18	2,4,6-Tribromophenol (SUR)	330	7.581	7.575	(1.114)	148529	71.1736	7000
	50	4-Bromophenyl-phenylether	248	7.828	7.822	(0.949)	191639	46.0557	4500
	51	Hexachlorobenzene	284	7.887	7.880	(0.956)	185498	43.8085	4300
	112	Atrazine	200	8.010	8.004	(0.971)	76756	20.3570	2000
	14	Pentachlorophenol	266	8.087	8.080	(0.980)	197909	82.0193	8100
*	83	Phenanthrene-d10	188	8.251	8.251	(1.000)	757353	40.0000	
	52	Phenanthrene	178	8.275	8.275	(1.003)	1033967	47.9134	4700
	53	Anthracene	178	8.328	8.322	(1.009)	924484	42.1282	4200
	54	Carbazole	167	8.492	8.486	(1.029)	763001	43.8347	4300
	55	Di-n-butylphthalate	149	8.857	8.851	(1.073)	1037127	44.8544	4400
	56	Fluoranthene	202	9.434	9.427	(1.143)	828170	49.6678	4900
	58	Benzidine	184	9.581	9.580	(1.161)	14441	12.4740	1200
	57	Pyrene	202	9.651	9.645	(0.886)	759768	46.9245	4600
$	78	Terphenyl-d14	244	9.822	9.816	(0.902)	375580	38.2793	3800
	59	Butylbenzylphthalate	149	10.316	10.316	(0.947)	311730	43.7280	4300
	60	3,3'-Dichlorobenzidine	252	10.869	10.869	(0.998)	118938	45.0922	4400
	61	Benzo(a)anthracene	228	10.880	10.874	(0.999)	439378	46.3575	4600
*	81	Chrysene-d12	240	10.892	10.886	(1.000)	330968	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	398175	43.3269	4300
	62	Chrysene	228	10.922	10.916	(1.003)	431204	46.0268	4500
	64	Di-n-octylphthalate	149	11.733	11.733	(0.928)	567920	37.8232	3700
	65	Benzo(b)fluoranthene	252	12.163	12.157	(0.962)	393320	46.8296	4600
	66	Benzo(k)fluoranthene	252	12.198	12.186	(0.965)	374747	37.9806	3700
	67	Benzo(a)pyrene	252	12.569	12.563	(0.994)	313010	43.2208	4300
*	84	Perylene-d12	264	12.645	12.639	(1.000)	299373	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.010	13.998	(1.108)	312052	49.5279	4900
	69	Dibenz(a,h)anthracene	278	14.039	14.033	(1.110)	309213	46.5857	4600
	70	Benzo(g,h,i)perylene	276	14.345	14.333	(1.134)	350210	49.8056	4900

QC Flag Legend

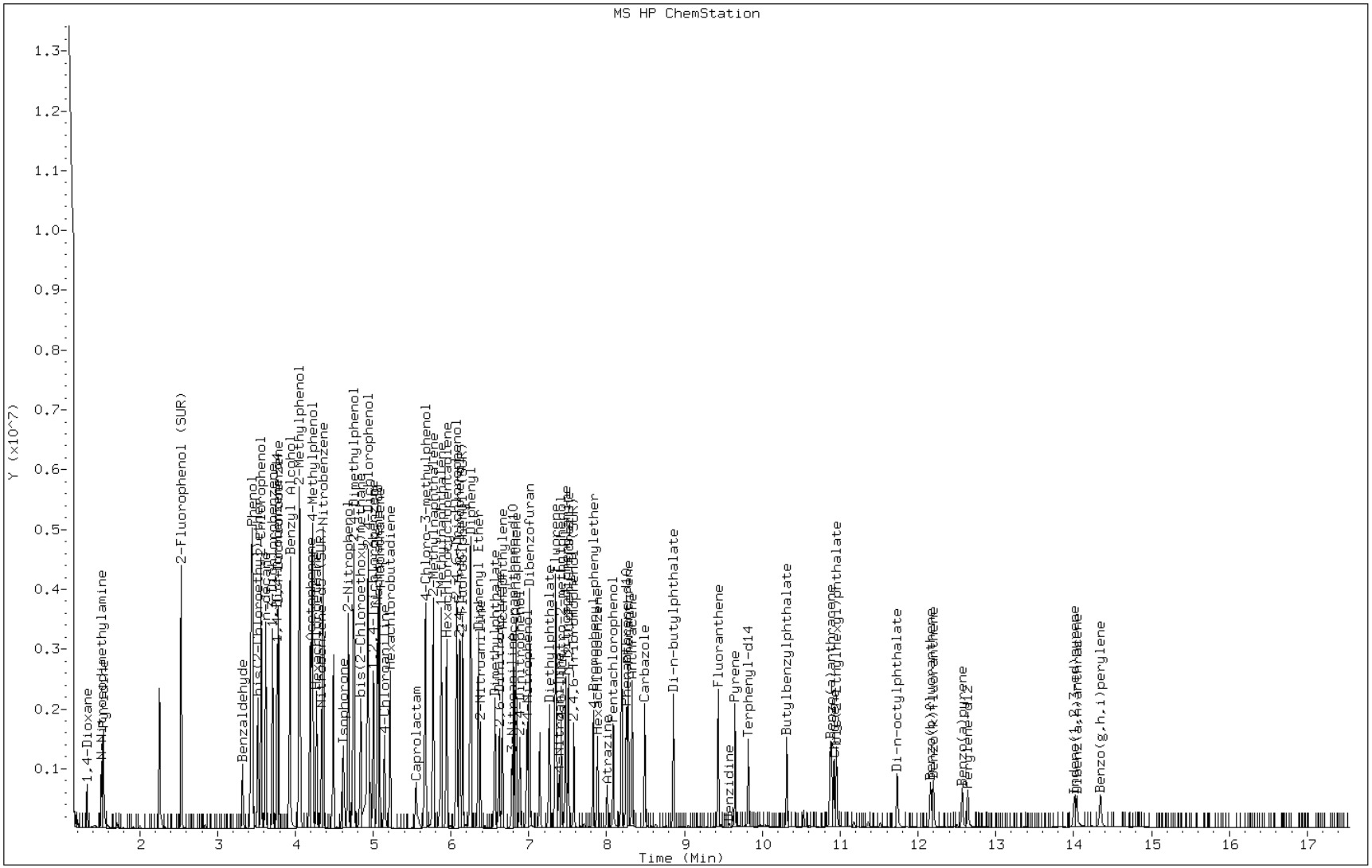
H - Operator selected an alternate compound hit.

Data File: z12983.d

Date: 01-OCT-2012 05:34

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-C MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1 MSD

Matrix: Solid | Lab File ID: z12984.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.01(g) | Date Analyzed: 10/01/2012 05:58

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	3690		490	58
108-95-2	Phenol	7570		490	66
111-44-4	Bis(2-chloroethyl)ether	4340		49	6.7
95-57-8	2-Chlorophenol	7840		490	65
95-48-7	2-Methylphenol	8010		490	84
108-60-1	2,2'-oxybis[1-chloropropane]	3830		490	54
98-86-2	Acetophenone	4150		490	75
106-44-5	4-Methylphenol	8390		490	97
621-64-7	N-Nitrosodi-n-propylamine	3940		49	8.2
67-72-1	Hexachloroethane	3930		49	5.5
98-95-3	Nitrobenzene	3940		49	7.0
78-59-1	Isophorone	3730		490	60
88-75-5	2-Nitrophenol	7870		490	55
105-67-9	2,4-Dimethylphenol	7820		490	120
111-91-1	Bis(2-chloroethoxy)methane	4220		490	63
120-83-2	2,4-Dichlorophenol	7760		490	72
91-20-3	Naphthalene	4020		490	57
106-47-8	4-Chloroaniline	2950		490	130
87-68-3	Hexachlorobutadiene	3870		99	12
105-60-2	Caprolactam	4370		490	110
59-50-7	4-Chloro-3-methylphenol	8120		490	74
91-57-6	2-Methylnaphthalene	4060		490	63
77-47-4	Hexachlorocyclopentadiene	2440		490	58
88-06-2	2,4,6-Trichlorophenol	8200		490	57
95-95-4	2,4,5-Trichlorophenol	8320		490	63
92-52-4	1,1'-Biphenyl	4190		490	66
91-58-7	2-Chloronaphthalene	4100		490	55
88-74-4	2-Nitroaniline	4050		990	200
131-11-3	Dimethyl phthalate	4610		490	58
606-20-2	2,6-Dinitrotoluene	4330		99	15
208-96-8	Acenaphthylene	3980		490	58
99-09-2	3-Nitroaniline	3600		990	170
83-32-9	Acenaphthene	4180		490	72
51-28-5	2,4-Dinitrophenol	8030		1500	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1 MSD

Matrix: Solid | Lab File ID: z12984.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.01(g) | Date Analyzed: 10/01/2012 05:58

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7780		1500	320
132-64-9	Dibenzofuran	4120		490	58
121-14-2	2,4-Dinitrotoluene	4410		99	16
84-66-2	Diethyl phthalate	4450		490	58
86-73-7	Fluorene	4060		490	63
7005-72-3	4-Chlorophenyl phenyl ether	4130		490	58
100-01-6	4-Nitroaniline	4330		990	150
534-52-1	4,6-Dinitro-2-methylphenol	9110		1500	130
86-30-6	N-Nitrosodiphenylamine	4930		490	48
101-55-3	4-Bromophenyl phenyl ether	4510		490	49
118-74-1	Hexachlorobenzene	4270		49	6.7
1912-24-9	Atrazine	2030		490	76
87-86-5	Pentachlorophenol	7900		1500	150
85-01-8	Phenanthrene	4610		490	62
120-12-7	Anthracene	4100		490	60
86-74-8	Carbazole	4300		490	58
84-74-2	Di-n-butyl phthalate	4450		490	61
206-44-0	Fluoranthene	4820		490	65
129-00-0	Pyrene	4660		490	41
85-68-7	Butyl benzyl phthalate	4410		490	45
91-94-1	3,3'-Dichlorobenzidine	4550		990	170
56-55-3	Benzo[a]anthracene	4580		49	3.4
218-01-9	Chrysene	4710		490	57
117-81-7	Bis(2-ethylhexyl) phthalate	4310		490	160
117-84-0	Di-n-octyl phthalate	3660		490	31
205-99-2	Benzo[b]fluoranthene	4500		49	3.1
207-08-9	Benzo[k]fluoranthene	3890		49	3.7
50-32-8	Benzo[a]pyrene	4440		49	3.5
193-39-5	Indeno[1,2,3-cd]pyrene	4920		49	9.1
53-70-3	Dibenz(a,h)anthracene	4630		49	6.2
191-24-2	Benzo[g,h,i]perylene	5040		490	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44767-1

SDG No.:

Client Sample ID: SO-17338-091712-SED12-MM- | Lab Sample ID: 460-44767-1 MSD

Matrix: Solid | Lab File ID: z12984.d

Analysis Method: 8270C | Date Collected: 09/17/2012 09:30

Extract. Method: 3541 | Date Extracted: 09/26/2012 03:36

Sample wt/vol: 15.01(g) | Date Analyzed: 10/01/2012 05:58

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

Injection Volume: | Level: (low/med) Low

% Moisture: 32.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 130002 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	69		10-120
321-60-8	2-Fluorobiphenyl	78		40-109
367-12-4	2-Fluorophenol (Surr)	72		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	76		38-105
4165-62-2	Phenol-d5 (Surr)	77		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12984.d
Report Date: 01-Oct-2012 10:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12984.d
Lab Smp Id: 460-44767-A-1-D MSD Client Smp ID: SO-17338-091712-SED
Inj Date : 01-OCT-2012 05:58
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-44767-A-1-D MSD
Misc Info : 460-44767-A-1-D MSD
Comment   :
Method   : /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/8270Cdel_08.m
Meth Date : 01-Oct-2012 01:06 asfawa Quant Type: ISTD
Cal Date : 30-SEP-2012 21:20 Cal File: z12965.d
Als bottle: 22 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	32.68482	% Moisture

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	106 1,4-Dioxane	88	1.328	1.240	(0.352)	211296	26.8000	2600
	19 N-Nitrosodimethylamine	74	1.522	1.440	(0.404)	487914	42.7030	4200(RH)
	71 Pyridine	79	1.540	1.463	(0.409)	593102	30.2248	3000
$	16 2-Fluorophenol (SUR)	112	2.540	2.504	(0.674)	1300118	72.3698	7200
	110 Benzaldehyde	77	3.322	3.316	(0.881)	235800	37.3123	3700
$	17 Phenol-d5 (SUR)	99	3.440	3.410	(0.913)	1639984	77.1068	7600
	73 Aniline	93	3.445	3.428	(0.914)	605937	23.6366	2300
	1 Phenol	94	3.457	3.422	(0.917)	1795303	76.4457	7600
	20 bis(2-Chloroethyl)ether	93	3.516	3.498	(0.933)	811810	43.8964	4300
	2 2-Chlorophenol	128	3.563	3.551	(0.945)	1463909	79.1716	7800
	113 n-decane	43	3.622	3.616	(0.961)	653032	34.0504	3400
	21 1,3-Dichlorobenzene	146	3.710	3.704	(0.984)	812932	39.5704	3900
*	79 1,4-Dichlorobenzene-d4	152	3.769	3.763	(1.000)	500938	40.0000	

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12984.d
Report Date: 01-Oct-2012 10:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.787	3.775	(1.005)	812011	39.7188	3900
	74 Benzyl Alcohol	108	3.928	3.910	(1.042)	463580	41.6392	4100
	23 1,2-Dichlorobenzene	146	3.934	3.934	(1.044)	757606	40.4729	4000
	3 2-Methylphenol	108	4.051	4.040	(1.075)	1236068	80.9752	8000
	24 bis (2-chloroisopropyl) ether	45	4.063	4.051	(1.078)	847155	38.7440	3800
	104 Acetophenone	105	4.192	4.175	(1.112)	911855	41.9119	4100
	4 4-Methylphenol	108	4.222	4.198	(1.120)	1294492	84.8198	8400
	121 3 & 4 Methylphenol	108	4.222	4.198	(1.120)	1294492	84.8198	8400
	25 N-Nitroso-di-n-propylamine	70	4.204	4.187	(1.115)	466065	39.8176	3900
	26 Hexachloroethane	117	4.275	4.275	(1.134)	318456	39.6896	3900
$	76 Nitrobenzene-d5 (SUR)	82	4.340	4.328	(0.858)	783430	38.1318	3800
	27 Nitrobenzene	77	4.363	4.345	(0.863)	1035407	39.8595	3900
	107 N,N-Dimethylaniline	120	4.363	4.357	(1.158)	1005320	40.5515	4000
	28 Isophorone	82	4.622	4.592	(0.914)	1190398	37.6393	3700
	5 2-Nitrophenol	139	4.681	4.675	(0.926)	770299	79.4767	7900
	6 2,4-Dimethylphenol	122	4.757	4.739	(0.941)	1202401	79.0339	7800
	29 bis(2-Chloroethoxy)methane	93	4.839	4.828	(0.957)	856859	42.6199	4200
	7 2,4-Dichlorophenol	162	4.934	4.922	(0.976)	969192	78.3939	7800
	30 1,2,4-Trichlorobenzene	180	5.004	5.004	(0.990)	553870	39.4157	3900
*	80 Naphthalene-d8	136	5.057	5.051	(1.000)	1855255	40.0000	
	31 Naphthalene	128	5.081	5.075	(1.005)	2076364	40.5992	4000
	32 4-Chloroaniline	127	5.151	5.145	(1.019)	533303	29.8077	3000
	33 Hexachlorobutadiene	225	5.216	5.216	(1.031)	282139	39.1287	3900
	111 Caprolactam	113	5.557	5.469	(1.099)	175519	44.1391	4400(H)
	8 4-Chloro-3-methylphenol	107	5.675	5.657	(1.122)	1050422	82.0086	8100
	34 2-Methylnaphthalene	142	5.775	5.769	(1.142)	1197698	40.9817	4000
	120 1-Methylnaphthalene	142	5.875	5.869	(1.162)	1119319	37.6168	3700
	35 Hexachlorocyclopentadiene	237	5.945	5.939	(0.874)	144224	24.7028	2400
	9 2,4,6-Trichlorophenol	196	6.075	6.069	(0.893)	585407	82.8924	8200
	10 2,4,5-Trichlorophenol	196	6.116	6.104	(0.899)	577280	84.0878	8300
$	77 2-Fluorobiphenyl (SUR)	172	6.151	6.145	(0.904)	1108792	38.9177	3800
	102 Diphenyl	154	6.251	6.239	(0.919)	1338887	42.3572	4200
	36 2-Chloronaphthalene	162	6.257	6.251	(0.920)	954898	41.4477	4100
	103 Diphenyl Ether	170	6.357	6.351	(0.934)	726331	42.3788	4200
	37 2-Nitroaniline	65	6.375	6.369	(0.937)	310770	40.9161	4000
	38 Dimethylphthalate	163	6.569	6.557	(0.965)	1051546	46.6013	4600
	40 2,6-Dinitrotoluene	165	6.622	6.610	(0.973)	233761	43.7831	4300
	39 Acenaphthylene	152	6.663	6.657	(0.979)	1503090	40.2572	4000
	41 3-Nitroaniline	138	6.781	6.775	(0.997)	193641	36.3378	3600
*	82 Acenaphthene-d10	164	6.804	6.804	(1.000)	799701	40.0000	
	42 Acenaphthene	154	6.839	6.833	(1.005)	909158	42.2309	4200
	11 2,4-Dinitrophenol	184	6.886	6.875	(1.012)	205108	81.1629	8000
	12 4-Nitrophenol	65	6.981	6.969	(1.026)	300267	78.5652	7800
	43 Dibenzofuran	168	7.010	7.004	(1.030)	1247032	41.5989	4100
	44 2,4-Dinitrotoluene	165	7.016	7.004	(1.031)	268214	44.5397	4400
	45 Diethylphthalate	149	7.263	7.257	(1.067)	961068	44.9852	4400
	47 Fluorene	166	7.345	7.339	(1.080)	966526	41.0590	4100

Data File: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b/z12984.d
Report Date: 01-Oct-2012 10:32

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	429119	41.7271	4100
	48 4-Nitroaniline	138	7.392	7.369	(1.086)	180178	43.7280	4300(H)
	13 4,6-Dinitro-2-methylphenol	198	7.416	7.404	(0.898)	261436	92.0942	9100
	49 N-Nitrosodiphenylamine	169	7.475	7.469	(0.905)	656410	49.8265	4900
	75 1,2-Diphenylhydrazine	77	7.510	7.498	(0.910)	1072530	37.4203	3700
$	18 2,4,6-Tribromophenol (SUR)	330	7.586	7.575	(1.115)	158990	69.2868	6800
	50 4-Bromophenyl-phenylether	248	7.828	7.822	(0.948)	205423	45.5831	4500
	51 Hexachlorobenzene	284	7.886	7.880	(0.955)	198040	43.1844	4300
	112 Atrazine	200	8.010	8.004	(0.970)	83590	20.4697	2000
	14 Pentachlorophenol	266	8.086	8.080	(0.979)	208700	79.8598	7900
*	83 Phenanthrene-d10	188	8.257	8.251	(1.000)	820244	40.0000	
	52 Phenanthrene	178	8.280	8.275	(1.003)	1089756	46.6267	4600
	53 Anthracene	178	8.328	8.322	(1.009)	985446	41.4631	4100
	54 Carbazole	167	8.492	8.486	(1.028)	818920	43.4400	4300
	55 Di-n-butylphthalate	149	8.857	8.851	(1.073)	1125052	44.9263	4400
	56 Fluoranthene	202	9.433	9.427	(1.142)	880347	48.7489	4800
	58 Benzidine	184	9.580	9.580	(1.160)	12307	9.81556	970(a)
	57 Pyrene	202	9.651	9.645	(0.886)	810746	47.1048	4700
$	78 Terphenyl-d14	244	9.822	9.816	(0.902)	402500	38.5912	3800
	59 Butylbenzylphthalate	149	10.316	10.316	(0.947)	337758	44.5706	4400
	60 3,3'-Dichlorobenzidine	252	10.869	10.869	(0.998)	128871	45.9619	4500
	61 Benzo(a)anthracene	228	10.880	10.874	(0.999)	466727	46.3241	4600
*	81 Chrysene-d12	240	10.892	10.886	(1.000)	351823	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.957	10.957	(1.006)	425451	43.5507	4300
	62 Chrysene	228	10.921	10.916	(1.003)	473630	47.5586	4700
	64 Di-n-octylphthalate	149	11.733	11.733	(0.928)	614994	36.9496	3600
	65 Benzo(b)fluoranthene	252	12.163	12.157	(0.962)	422956	45.4293	4500
	66 Benzo(k)fluoranthene	252	12.198	12.186	(0.965)	430173	39.3309	3900
	67 Benzo(a)pyrene	252	12.568	12.563	(0.994)	359903	44.8319	4400(R)
*	84 Perylene-d12	264	12.645	12.639	(1.000)	331853	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.009	13.998	(1.108)	346876	49.6666	4900
	69 Dibenz(a,h)anthracene	278	14.045	14.033	(1.111)	344277	46.7918	4600
	70 Benzo(g,h,i)perylene	276	14.351	14.333	(1.135)	397259	50.9672	5000

QC Flag Legend

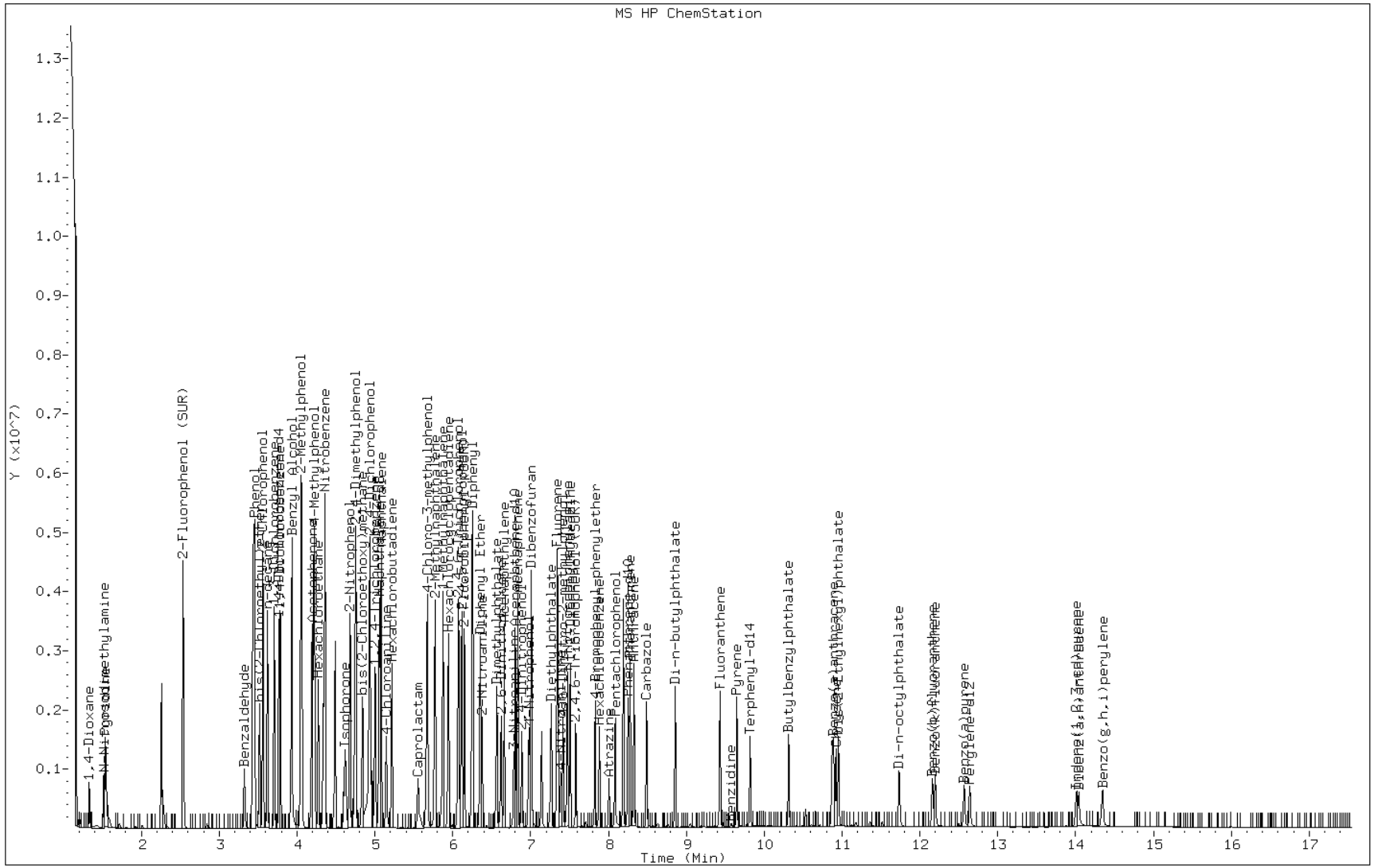
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z12984.d

Date: 01-OCT-2012 05:58

Client ID: SO-17338-091712-SED Instrument: BNAMS11.i

Sample Info: 460-44767-A-1-D MSD Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/30/2012 20:26

Analysis Batch Number: 130002 End Date: 10/01/2012 05:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-130002/1		09/30/2012 20:26	1	z12963.d	Rtx-5MS 0.25(mm)
ICIS 460-130002/2		09/30/2012 21:20	1	z12965.d	Rtx-5MS 0.25(mm)
IC 460-130002/3		09/30/2012 22:08	1	z12966.d	Rtx-5MS 0.25(mm)
IC 460-130002/4		09/30/2012 22:32	1	z12967.d	Rtx-5MS 0.25(mm)
IC 460-130002/5		09/30/2012 22:56	1	z12968.d	Rtx-5MS 0.25(mm)
IC 460-130002/6		09/30/2012 23:43	1	z12970.d	Rtx-5MS 0.25(mm)
LCS 460-129345/2-A		10/01/2012 01:10	1	z12972.d	Rtx-5MS 0.25(mm)
MB 460-129345/1-A		10/01/2012 02:00	1	z12974.d	Rtx-5MS 0.25(mm)
460-44767-5	SO-17338-091712-SED8-MM-204	10/01/2012 03:35	1	z12978.d	Rtx-5MS 0.25(mm)
460-44767-2	SO-17338-091712-SED11-MM-201	10/01/2012 03:59	1	z12979.d	Rtx-5MS 0.25(mm)
460-44767-3	SO-17338-091712-SED10-MM-202	10/01/2012 04:22	1	z12980.d	Rtx-5MS 0.25(mm)
460-44767-4	SO-17338-091712-SED9-MM-203	10/01/2012 04:46	1	z12981.d	Rtx-5MS 0.25(mm)
460-44767-1	SO-17338-091712-SED12-MM-200	10/01/2012 05:10	1	z12982.d	Rtx-5MS 0.25(mm)
460-44767-1 MS	SO-17338-091712-SED12-MM-200 MS	10/01/2012 05:34	1	z12983.d	Rtx-5MS 0.25(mm)
460-44767-1 MSD	SO-17338-091712-SED12-MM-200 MSD	10/01/2012 05:58	1	z12984.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 10/01/2012 06:22

Analysis Batch Number: 130010 End Date: 10/01/2012 06:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-130010/1		10/01/2012 06:22	1	z12985.d	Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b

Date Generated: 10/01/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												130002
09/30/12 2026	z12963.d	1	DFTPP-1653831			0	0	1	2.0	all	46807	P-0.960 B-0.933
09/30/12 2120	z12965.d	3	ICIS-1687742			1000	2	1	1.0	all	46890	
09/30/12 2208	z12966.d	4	IC-1687749			1000	2	1	1.0	all		DEL
09/30/12 2232	z12967.d	5	IC-1687743			1000	2	1	1.0	all		
09/30/12 2256	z12968.d	6	IC-1687751			1000	2	1	1.0	all		
09/30/12 2343	z12970.d	8	IC-1687753			1000	2	1	1.0	all		
10/01/12 0007	z12971.d	9	icv	30sep12a		1000	1	1	1.0	all	46896	
10/01/12 0110	z12972.d	10	LCS 460-129345/2-A	30sep12a		15	1	1	1.0	all		
10/01/12 0134	z12973.d	11	MB 460-129345/1-A	30sep12a		15	1	1	1.0	all		Is out
10/01/12 0200	z12974.d	12	MB 460-129345/1-A	30sep12a		15	1	1	1.0	all		
10/01/12 0335	z12978.d	16	460-44767-A-5-C	460-129345	09/26/12	15.1	1	1	1.0	all		
10/01/12 0359	z12979.d	17	460-44767-A-2-C	460-129345	09/26/12	15	1	1	1.0	all		
10/01/12 0422	z12980.d	18	460-44767-A-3-C	460-129345	09/26/12	15	1	1	1.0	all		
10/01/12 0446	z12981.d	19	460-44767-A-4-C	460-129345	09/26/12	15.0	1	1	1.0	all		

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/09-30-12del/30sep12a.b

Date Generated: 10/01/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/01/12 0510	z12982.d	20	460-44767-A-1-E	460-129345	09/26/12	15.0	1	1	1.0	all		G
10/01/12 0534	z12983.d	21	460-44767-A-1-C MS	460-129345	09/26/12	15.1	1	1	1.0	all		G
10/01/12 0558	z12984.d	22	460-44767-A-1-D MSD	460-129345	09/26/12	15.0	1	1	1.0	all		G
10/01/12 0622	z12985.d	23	CCV-1687742	30sep12a		1000	2	1	1.0	all		NG

Signed: _____ Read and Understood by: _____

Date: 10/1/12 Date: 10-1-12

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Batch Number: 129345 Batch Start Date: 09/26/12 03:36 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilSUR 00008	OP8270sp 00027	
MB 460-129345/1		3541, 8270C		15.00 g	1 mL	97	500 uL		
LCS 460-129345/2		3541, 8270C		15.00 g	1 mL	98	500 uL	500 uL	
460-44767-A-1 MS	SO-17338-091712-SED12-MM-200	3541, 8270C	T	15.05 g	1 mL	99	500 uL	500 uL	
460-44767-A-1 MSD	SO-17338-091712-SED12-MM-200	3541, 8270C	T	15.01 g	1 mL	100	500 uL	500 uL	
460-44767-A-1	SO-17338-091712-SED12-MM-200	3541, 8270C	T	15.03 g	1 mL	101	500 uL		
460-44767-A-2	SO-17338-091712-SED11-MM-201	3541, 8270C	T	15.00 g	1 mL	102	500 uL		
460-44767-A-3	SO-17338-091712-SED10-MM-202	3541, 8270C	T	15.00 g	1 mL	115	500 uL		
460-44767-A-4	SO-17338-091712-SED9-MM-203	3541, 8270C	T	15.04 g	1 mL	116	500 uL		
460-44767-A-5	SO-17338-091712-SED8-MM-204	3541, 8270C	T	15.05 g	1 mL	117	500 uL		

Batch Notes	
Balance ID	30
Batch Comment	bna-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Vendor lot number	6680
Na2SO4 Lot Number	213204
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	mecl2./ace. mixed
SOP Number	3541
First Start time	3:36am

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-44767-1

SDG No.:

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

Client Sample ID	Lab Sample ID
SO-17338-091712-SED12-MM-200	460-44767-1
SO-17338-091712-SED11-MM-201	460-44767-2
SO-17338-091712-SED10-MM-202	460-44767-3
SO-17338-091712-SED9-MM-203	460-44767-4
SO-17338-091712-SED8-MM-204	460-44767-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-091712-SED12-MM-200 Lab Sample ID: 460-44767-1

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG ID.:

Matrix: Solid Date Sampled: 09/17/2012 09:30

Reporting Basis: DRY Date Received: 09/19/2012 11:46

% Solids: 67.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2150	53.1	24.1	mg/Kg			4	6010B
7440-36-0	Antimony	1.6	2.7	1.6	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.2	1.3	1.2	mg/Kg	U		4	6010B
7440-39-3	Barium	20.4	53.1	1.5	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.19	0.53	0.19	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.20	1.3	0.20	mg/Kg	U		4	6010B
7440-70-2	Calcium	642	1330	93.9	mg/Kg	J		4	6010B
7440-47-3	Chromium	10.5	2.7	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	2.2	13.3	1.1	mg/Kg	J		4	6010B
7440-50-8	Copper	6.7	6.6	2.6	mg/Kg			4	6010B
7439-89-6	Iron	5240	39.8	16.0	mg/Kg			4	6010B
7439-92-1	Lead	9.9	1.3	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	699	1330	95.5	mg/Kg	J		4	6010B
7439-96-5	Manganese	78.3	4.0	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	4.9	10.6	1.2	mg/Kg	J		4	6010B
7440-09-7	Potassium	331	1330	142	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.8	2.7	1.8	mg/Kg	U		4	6010B
7440-22-4	Silver	0.27	2.7	0.27	mg/Kg	U		4	6010B
7440-23-5	Sodium	210	1330	210	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.5	2.7	1.5	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.3	13.3	1.0	mg/Kg	J		4	6010B
7440-66-6	Zinc	72.8	8.0	1.4	mg/Kg			4	6010B
7439-97-6	Mercury	0.032	0.048	0.032	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-091712-SED11-MM-201 Lab Sample ID: 460-44767-2

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG ID.:

Matrix: Solid Date Sampled: 09/17/2012 10:45

Reporting Basis: DRY Date Received: 09/19/2012 11:46

% Solids: 70.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2830	50.0	22.7	mg/Kg			4	6010B
7440-36-0	Antimony	1.5	2.5	1.5	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.2	1.2	1.2	mg/Kg	U		4	6010B
7440-39-3	Barium	24.6	50.0	1.4	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.18	0.50	0.18	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.18	1.2	0.18	mg/Kg	U		4	6010B
7440-70-2	Calcium	350	1250	88.4	mg/Kg	J		4	6010B
7440-47-3	Chromium	10.2	2.5	1.1	mg/Kg			4	6010B
7440-48-4	Cobalt	1.7	12.5	1.1	mg/Kg	J		4	6010B
7440-50-8	Copper	7.1	6.2	2.4	mg/Kg			4	6010B
7439-89-6	Iron	4160	37.5	15.1	mg/Kg			4	6010B
7439-92-1	Lead	5.4	1.2	1.1	mg/Kg			4	6010B
7439-95-4	Magnesium	739	1250	89.9	mg/Kg	J		4	6010B
7439-96-5	Manganese	51.5	3.7	1.1	mg/Kg			4	6010B
7440-02-0	Nickel	5.9	10	1.1	mg/Kg	J		4	6010B
7440-09-7	Potassium	388	1250	134	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.6	2.5	1.6	mg/Kg	U		4	6010B
7440-22-4	Silver	0.25	2.5	0.25	mg/Kg	U		4	6010B
7440-23-5	Sodium	197	1250	197	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.4	2.5	1.4	mg/Kg	U		4	6010B
7440-62-2	Vanadium	8.9	12.5	0.96	mg/Kg	J		4	6010B
7440-66-6	Zinc	17.1	7.5	1.3	mg/Kg			4	6010B
7439-97-6	Mercury	0.030	0.045	0.030	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-091712-SED10-MM-202 Lab Sample ID: 460-44767-3

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG ID.:

Matrix: Solid Date Sampled: 09/17/2012 11:15

Reporting Basis: DRY Date Received: 09/19/2012 11:46

% Solids: 80.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1720	43.3	19.7	mg/Kg			4	6010B
7440-36-0	Antimony	1.3	2.2	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.0	1.1	1.0	mg/Kg	U		4	6010B
7440-39-3	Barium	100	43.3	1.2	mg/Kg			4	6010B
7440-41-7	Beryllium	0.16	0.43	0.16	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.16	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	587	1080	76.6	mg/Kg	J		4	6010B
7440-47-3	Chromium	6.4	2.2	0.93	mg/Kg			4	6010B
7440-48-4	Cobalt	2.5	10.8	0.92	mg/Kg	J		4	6010B
7440-50-8	Copper	5.1	5.4	2.1	mg/Kg	J		4	6010B
7439-89-6	Iron	3180	32.4	13.1	mg/Kg			4	6010B
7439-92-1	Lead	4.5	1.1	0.93	mg/Kg			4	6010B
7439-95-4	Magnesium	662	1080	77.9	mg/Kg	J		4	6010B
7439-96-5	Manganese	566	3.2	0.95	mg/Kg			4	6010B
7440-02-0	Nickel	3.6	8.7	0.95	mg/Kg	J		4	6010B
7440-09-7	Potassium	253	1080	116	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.4	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	0.22	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	171	1080	171	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	6.1	10.8	0.83	mg/Kg	J		4	6010B
7440-66-6	Zinc	12.7	6.5	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.026	0.040	0.026	mg/Kg	U		1	7471A

Client Sample ID: SO-17338-091712-SED9-MM-203 Lab Sample ID: 460-44767-4

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG ID.:

Matrix: Solid Date Sampled: 09/17/2012 12:40

Reporting Basis: DRY Date Received: 09/19/2012 11:46

% Solids: 84.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1300	46.5	21.2	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.3	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.1	1.2	1.1	mg/Kg	U		4	6010B
7440-39-3	Barium	10.4	46.5	1.3	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.17	0.47	0.17	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.17	1.2	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	583	1160	82.4	mg/Kg	J		4	6010B
7440-47-3	Chromium	5.8	2.3	1.0	mg/Kg			4	6010B
7440-48-4	Cobalt	0.99	11.6	0.99	mg/Kg	U		4	6010B
7440-50-8	Copper	3.3	5.8	2.3	mg/Kg	J		4	6010B
7439-89-6	Iron	2370	34.9	14.1	mg/Kg			4	6010B
7439-92-1	Lead	2.2	1.2	1.0	mg/Kg			4	6010B
7439-95-4	Magnesium	614	1160	83.8	mg/Kg	J		4	6010B
7439-96-5	Manganese	20.2	3.5	1.0	mg/Kg			4	6010B
7440-02-0	Nickel	2.5	9.3	1.0	mg/Kg	J		4	6010B
7440-09-7	Potassium	208	1160	124	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.5	2.3	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.23	2.3	0.23	mg/Kg	U		4	6010B
7440-23-5	Sodium	184	1160	184	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.3	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	4.6	11.6	0.89	mg/Kg	J		4	6010B
7440-66-6	Zinc	11.1	7.0	1.3	mg/Kg			4	6010B
7439-97-6	Mercury	0.026	0.039	0.026	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-091712-SED8-MM-204 Lab Sample ID: 460-44767-5

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG ID.:

Matrix: Solid Date Sampled: 09/17/2012 13:30

Reporting Basis: DRY Date Received: 09/19/2012 11:46

% Solids: 79.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	9830	45.0	20.5	mg/Kg			4	6010B
7440-36-0	Antimony	1.4	2.3	1.4	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.4	1.1	1.1	mg/Kg			4	6010B
7440-39-3	Barium	46.1	45.0	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.68	0.45	0.16	mg/Kg			4	6010B
7440-43-9	Cadmium	0.17	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	719	1130	79.7	mg/Kg	J		4	6010B
7440-47-3	Chromium	20.4	2.3	0.97	mg/Kg			4	6010B
7440-48-4	Cobalt	6.5	11.3	0.96	mg/Kg	J		4	6010B
7440-50-8	Copper	19.1	5.6	2.2	mg/Kg			4	6010B
7439-89-6	Iron	48400	84.4	34.1	mg/Kg			10	6010B
7439-92-1	Lead	11.8	1.1	0.97	mg/Kg			4	6010B
7439-95-4	Magnesium	1090	1130	81.1	mg/Kg	J		4	6010B
7439-96-5	Manganese	58.9	3.4	0.99	mg/Kg			4	6010B
7440-02-0	Nickel	17.1	9.0	0.99	mg/Kg			4	6010B
7440-09-7	Potassium	1040	1130	120	mg/Kg	J		4	6010B
7782-49-2	Selenium	1.5	2.3	1.5	mg/Kg	U		4	6010B
7440-22-4	Silver	0.23	2.3	0.23	mg/Kg	U		4	6010B
7440-23-5	Sodium	178	1130	178	mg/Kg	U		4	6010B
7440-28-0	Thallium	1.3	2.3	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	26.2	11.3	0.86	mg/Kg			4	6010B
7440-66-6	Zinc	48.9	6.8	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.027	0.040	0.027	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	ICV 460-128758/7 09/20/2012 18:02				CCV 460-128758/19 09/20/2012 18:52				CCV 460-128758/31 09/20/2012 19:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126100		125000	101	124700		125000	100	128300		125000	103
Antimony	974.6		1000	97	983.2		1000	98	1022		1000	102
Arsenic	2445		2500	98	2452		2500	98	2542		2500	102
Barium	9869		10000	99	9862		10000	99	10170		10000	102
Beryllium	1018		1000	102	1001		1000	100	1024		1000	102
Cadmium	1238		1250	99	1237		1250	99	1276		1250	102
Calcium	123400		125000	99	123100		125000	98	125900		125000	101
Chromium	4966		5000	99	4982		5000	100	5081		5000	102
Cobalt	2446		2500	98	2461		2500	98	2563		2500	103
Copper	12770		12500	102	12590		12500	101	12820		12500	103
Iron	99350		100000	99	99530		100000	100	101400		100000	101
Lead	7534		7500	100	7537		7500	100	7790		7500	104
Magnesium	123900		125000	99	124500		125000	100	127800		125000	102
Manganese	5049		5000	101	5049		5000	101	5142		5000	103
Nickel	2469		2500	99	2481		2500	99	2588		2500	104
Potassium	51270		50000	103	50330		50000	101	51660		50000	103
Selenium	2431		2500	97	2431		2500	97	2513		2500	101
Silver	1231		1250	98	1227		1250	98	1252		1250	100
Sodium	129300		125000	103	128100		125000	102	132500		125000	106
Thallium	2500		2500	100	2502		2500	100	2602		2500	104
Vanadium	2465		2500	99	2460		2500	98	2512		2500	100
Zinc	2432		2500	97	2446		2500	98	2548		2500	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.: 460-44767-1

SDG No.:

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	CCV 460-128758/43 09/20/2012 20:30											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	127500		125000	102								
Antimony	1017		1000	102								
Arsenic	2528		2500	101								
Barium	10120		10000	101								
Beryllium	1017		1000	102								
Cadmium	1269		1250	102								
Calcium	122800		125000	98								
Chromium	5038		5000	101								
Cobalt	2544		2500	102								
Copper	12760		12500	102								
Iron	100700		100000	101								
Lead	7743		7500	103								
Magnesium	127000		125000	102								
Manganese	5115		5000	102								
Nickel	2571		2500	103								
Potassium	51760		50000	104								
Selenium	2502		2500	100								
Silver	1251		1250	100								
Sodium	132400		125000	106								
Thallium	2579		2500	103								
Vanadium	2505		2500	100								
Zinc	2533		2500	101								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	ICV 460-128898/7 09/21/2012 18:28				CCV 460-128898/79 09/21/2012 23:30				CCV 460-128898/91 09/22/2012 00:20			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	12380		12500	99	12820		12500	103	12720		12500	102
Iron	100800		100000	101	103100		100000	103	102300		100000	102
Aluminum	122500		125000	98	128200		125000	103	127500		125000	102
Antimony	1003		1000	100	1040		1000	104	1028		1000	103
Arsenic	2507		2500	100	2592		2500	104	2569		2500	103
Barium	10010		10000	100	10360		10000	104	10240		10000	102
Beryllium	987.1		1000	99	1015		1000	102	1010		1000	101
Cadmium	1260		1250	101	1303		1250	104	1289		1250	103
Calcium	129000		125000	103	115900		125000	93	116400		125000	93
Chromium	5047		5000	101	5153		5000	103	5108		5000	102
Cobalt	2508		2500	100	2599		2500	104	2573		2500	103
Lead	7665		7500	102	7935		7500	106	7854		7500	105
Magnesium	125900		125000	101	129600		125000	104	128700		125000	103
Manganese	5155		5000	103	5280		5000	106	5232		5000	105
Nickel	2525		2500	101	2629		2500	105	2605		2500	104
Potassium	49270		50000	99	52660		50000	105	52690		50000	105
Selenium	2486		2500	99	2575		2500	103	2545		2500	102
Silver	1233		1250	99	1279		1250	102	1267		1250	101
Sodium	124800		125000	100	134000		125000	107	133800		125000	107
Thallium	2551		2500	102	2639		2500	106	2607		2500	104
Vanadium	2481		2500	99	2565		2500	103	2541		2500	102
Zinc	2487		2500	99	2577		2500	103	2554		2500	102

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

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

ICV Source: ME_DQCS-INT_00627 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00627

Analyte	ICV 460-128778/18-A 09/21/2012 15:17				CCV 460-128778/19-A 09/21/2012 15:39				CCV 460-128778/19-A 09/21/2012 16:05			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	870.0		833	104	871.7		833	105	853.3		833	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.: 460-44767-1

SDG No.:

ICV Source: ME_DQCS-INT_00627 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00627

Analyte	CCV 460-128778/19-A 09/21/2012 16:31											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	828.3		833	99								

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.: 460-44767-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-128758/8 09/20/2012 18:06		CCB 460-128758/20 09/20/2012 18:55		CCB 460-128758/32 09/20/2012 19:45		CCB 460-128758/44 09/20/2012 20:34	
		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	8.96	J	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.: 460-44767-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-128898/8 09/21/2012 18:31		CCB 460-128898/80 09/21/2012 23:34		CCB 460-128898/92 09/22/2012 00:24			
		Found	C	Found	C	Found	C	Found	C
Copper	25.0	7.8	U	7.8	U	7.8	U		
Iron	150	73.6	U	73.6	U	73.6	U		
Aluminum	200	72.1	U	72.1	U	72.1	U		
Antimony	10.0	7.4	U	7.4	U	7.4	U		
Arsenic	5.0	3.7	U	3.7	U	3.7	U		
Barium	200	5.9	U	5.9	U	5.9	U		
Beryllium	2.0	0.78	U	0.78	U	0.78	U		
Cadmium	5.0	0.82	U	0.82	U	0.82	U		
Calcium	5000	305	U	305	U	305	U		
Chromium	10.0	4.5	U	4.5	U	4.5	U		
Cobalt	50.0	4.3	U	4.3	U	4.3	U		
Lead	5.0	4.0	U	4.0	U	4.0	U		
Magnesium	5000	321	U	321	U	321	U		
Manganese	15.0	4.3	U	4.3	U	4.3	U		
Nickel	40.0	5.0	U	5.0	U	5.0	U		
Potassium	5000	525	U	525	U	525	U		
Selenium	10.0	5.8	U	5.8	U	5.8	U		
Silver	10.0	1.3	U	1.3	U	1.3	U		
Sodium	5000	821	U	821	U	821	U		
Thallium	10.0	5.2	U	5.2	U	5.2	U		
Vanadium	50.0	4.0	U	4.0	U	4.0	U		
Zinc	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.: 460-44767-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-128867/8 09/21/2012 15:19		CCB 460-128867/18 09/21/2012 15:41		CCB 460-128867/29 09/21/2012 16:07		CCB 460-128867/40 09/21/2012 16:33	
		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.: 460-44767-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-128543/1-A ^2

Instrument Code: ICP5 Batch No.: 128758

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-128543/1-A ^2

Instrument Code: ICP5 Batch No.: 128898

CAS No.	Analyte	Concentration	C	Q	Method
7440-50-8	Copper	0.97	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-128794/1-A

Instrument Code: LEEMAN5 Batch No.: 128867

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.022	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: ICSA 460-128758/9 Instrument ID: ICP5

Lab File ID: 09202012A.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**512200**	**102**
Antimony		**-0.0545**	
Arsenic		**-3.32**	
Barium		**-0.0444**	
Beryllium		**-0.204**	
Cadmium		**-1.38**	
Calcium	**500000**	**479000**	**96**
Chromium		**0.975**	
Cobalt		**-0.952**	
Copper		**5.17**	
Iron	**200000**	**200600**	**100**
Lead		**3.61**	
Magnesium	**500000**	**497100**	**99**
Manganese		**-0.465**	
Nickel		**-3.06**	
Potassium		**443**	
Selenium		**-3.56**	
Silver		**-1.44**	
Sodium		**105**	
Thallium		**-0.790**	
Vanadium		**0.190**	
Zinc		**0.724**	
Boron		*1.42*	
Molybdenum		*-0.913*	
Strontium		*-0.243*	
Tin		*-3.45*	
Titanium		*1.84*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: ICSAB 460-128758/10 Instrument ID: ICP5

Lab File ID: 09202012A.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**500000**	**513900**	**103**
Antimony	**100**	**94.7**	**95**
Arsenic	**100**	**92.5**	**92**
Barium	**100**	**97.9**	**98**
Beryllium	**100**	**101**	**101**
Cadmium	**100**	**94.9**	**95**
Calcium	**500000**	**474800**	**95**
Chromium	**100**	**100**	**100**
Cobalt	**100**	**94.8**	**95**
Copper	**100**	**108**	**108**
Iron	**200000**	**199600**	**100**
Lead	**100**	**98.2**	**98**
Magnesium	**500000**	**500600**	**100**
Manganese	**100**	**101**	**101**
Nickel	**100**	**92.7**	**93**
Potassium	**10000**	**10970**	**110**
Selenium	**100**	**93.9**	**94**
Silver	**100**	**102**	**102**
Sodium	**10000**	**11030**	**110**
Thallium	**100**	**90.4**	**90**
Vanadium	**100**	**99.5**	**99**
Zinc	**100**	**96.0**	**96**
Boron	*100*	*94.9*	*95*
Molybdenum	*100*	*95.6*	*96*
Strontium	*100*	*103*	*103*
Tin	*100*	*92.5*	*93*
Titanium	*100*	*105*	*105*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: ICSA 460-128898/29 Instrument ID: ICP5

Lab File ID: 09212012A.asc ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Copper		**-6.02**	
Iron	**200000**	**203200**	**102**
Aluminum	*500000*	*524600*	*105*
Antimony		*-2.76*	
Arsenic		*-0.773*	
Barium		*-0.0286*	
Beryllium		*0.0839*	
Boron		*-0.929*	
Cadmium		*-2.13*	
Calcium	*500000*	*483800*	*97*
Chromium		*1.31*	
Cobalt		*-0.994*	
Lead		*5.40*	
Magnesium	*500000*	*508700*	*102*
Manganese		*-0.680*	
Molybdenum		*-1.14*	
Nickel		*-3.35*	
Potassium		*98.5*	
Selenium		*-7.07*	
Silver		*-1.07*	
Sodium		*22.0*	
Strontium		*-0.196*	
Thallium		*-4.65*	
Tin		*-2.56*	
Titanium		*-2.47*	
Vanadium		*2.86*	
Zinc		*0.265*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Lab Sample ID: ICSAB 460-128898/30 Instrument ID: ICP5

Lab File ID: 09212012A.asc ICS Source: ME_ICSAB_DUO_00040

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Copper	**100**	**94.9**	**95**
Iron	**200000**	**202100**	**101**
Aluminum	*500000*	*510000*	*102*
Antimony	*100*	*102*	*102*
Arsenic	*100*	*100.0*	*100*
Barium	*100*	*100*	*100*
Beryllium	*100*	*99.8*	*100*
Boron	*100*	*96.9*	*97*
Cadmium	*100*	*98.0*	*98*
Calcium	*500000*	*471900*	*94*
Chromium	*100*	*101*	*101*
Cobalt	*100*	*98.4*	*98*
Lead	*100*	*102*	*102*
Magnesium	*500000*	*511600*	*102*
Manganese	*100*	*102*	*102*
Molybdenum	*100*	*99.9*	*100*
Nickel	*100*	*95.4*	*95*
Potassium	*10000*	*10560*	*106*
Selenium	*100*	*92.4*	*92*
Silver	*100*	*102*	*102*
Sodium	*10000*	*10800*	*108*
Strontium	*100*	*102*	*102*
Thallium	*100*	*91.9*	*92*
Tin	*100*	*94.9*	*95*
Titanium	*100*	*98.5*	*99*
Vanadium	*100*	*102*	*102*
Zinc	*100*	*99.1*	*99*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-44823-A-1-C MS ^4

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 94.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	5998		4900		195	563	75-125	4	6010B
Antimony	36.38		1.3	U	48.7	75	75-125		6010B
Arsenic	182.3		2.7		195	92	75-125		6010B
Barium	214.2		21.6	J	195	99	75-125		6010B
Beryllium	4.95		0.18	J	4.87	98	75-125		6010B
Cadmium	4.76		0.15	U	4.87	98	75-125		6010B
Calcium	2740		1400		1950	69	75-125	F	6010B
Chromium	28.65		8.4		19.5	104	75-125		6010B
Cobalt	49.82		2.3	J	48.7	98	75-125		6010B
Copper	31.39		8.6		24.3	93	75-125		6010B
Iron	9260		8740		97.4	533	75-125	4	6010B
Lead	73.17		25.1		48.7	99	75-125		6010B
Magnesium	2756		792	J	1950	101	75-125		6010B
Manganese	94.53		45.6		48.7	101	75-125		6010B
Nickel	53.01		4.6	J	48.7	99	75-125		6010B
Potassium	2321		395	J	1950	99	75-125		6010B
Selenium	174.2		1.3	U	195	89	75-125		6010B
Silver	4.38		0.20	U	4.87	90	75-125		6010B
Sodium	2064		160	U	1950	106	75-125		6010B
Thallium	202.0		1.1	U	195	104	75-125		6010B
Vanadium	57.12		9.6	J	48.7	98	75-125		6010B
Zinc	70.91		23.9		48.7	97	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-44867-D-1-D MS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 90.3

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.199		0.024	U	0.185	108	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-44823-A-1-A PDS ^4

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	5153		4900		404	NC	75-125		6010B
Antimony	94.84		1.3	U	101	94	75-125		6010B
Arsenic	377.0		2.7		404	93	75-125		6010B
Barium	415.9		21.6	J	404	98	75-125		6010B
Beryllium	9.94		0.18	J	10.1	97	75-125		6010B
Cadmium	9.75		0.15	U	10.1	96	75-125		6010B
Calcium	5076		1400		4040	91	75-125		6010B
Chromium	46.86		8.4		40.4	95	75-125		6010B
Cobalt	99.53		2.3	J	101	96	75-125		6010B
Copper	57.62		8.6		50.5	97	75-125		6010B
Iron	8837		8740		202	NC	75-125		6010B
Lead	124.6		25.1		101	98	75-125		6010B
Magnesium	4589		792	J	4040	94	75-125		6010B
Manganese	144.8		45.6		101	98	75-125		6010B
Nickel	103.1		4.6	J	101	97	75-125		6010B
Potassium	4177		395	J	4040	94	75-125		6010B
Selenium	363.5		1.3	U	404	90	75-125		6010B
Silver	9.03		0.20	U	10.1	89	75-125		6010B
Sodium	4122		160	U	4040	102	75-125		6010B
Thallium	411.6		1.1	U	404	102	75-125		6010B
Vanadium	103.9		9.6	J	101	93	75-125		6010B
Zinc	118.8		23.9		101	94	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-44823-A-1-B DU ^4

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

% Solids for Sample: 94.2 % Solids for Duplicate: 94.2

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	38.9	4900		4748		3		6010B
Antimony	1.9	1.3	U	1.2	U	NC		6010B
Arsenic	0.97	2.7		2.31		14		6010B
Barium	38.9	21.6	J	20.96	J	3		6010B
Beryllium	0.39	0.18	J	0.200	J	12		6010B
Cadmium	0.97	0.15	U	0.14	U	NC		6010B
Calcium	974	1400		1374		2		6010B
Chromium	1.9	8.4		8.25		2		6010B
Cobalt	9.7	2.3	J	2.34	J	0.3		6010B
Copper	4.9	8.6		8.18		5		6010B
Iron	29.2	8740		8573		2		6010B
Lead	0.97	25.1		24.32		3		6010B
Magnesium	974	792	J	776.7	J	2		6010B
Manganese	2.9	45.6		44.87		2		6010B
Nickel	7.8	4.6	J	4.59	J	0.4		6010B
Potassium	974	395	J	374.1	J	5		6010B
Selenium	1.9	1.3	U	1.3	U	NC		6010B
Silver	1.9	0.20	U	0.19	U	NC		6010B
Sodium	974	160	U	154	U	NC		6010B
Thallium	1.9	1.1	U	1.1	U	NC		6010B
Vanadium	9.7	9.6	J	9.41	J	2		6010B
Zinc	5.8	23.9		23.43		2		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-44867-D-1-C DU

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

% Solids for Sample: 90.3 % Solids for Duplicate: 90.3

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.037	0.024	U	0.024	U	NC		7471A

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

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-128543/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-44767-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00002

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	9040	5274		58.3	43.3	156.8		6010B
Antimony	117	204.7		175.7	20.8	252.5		6010B
Arsenic	163	159.7		97.9	70.8	129.8		6010B
Barium	207	201.4		97.4	73.2	126.8		6010B
Beryllium	107	110.4		103.3	75.1	125.5		6010B
Cadmium	100	101.7		101.7	73.0	126.2		6010B
Calcium	6670	6361		95.4	74.4	125.8		6010B
Chromium	116	115.1		99.6	69.7	129.4		6010B
Cobalt	127	133.0		104.5	74.4	125.2		6010B
Copper	115	120.7		105.4	74.6	124.6		6010B
Iron	12600	11270		89.3	32.2	167.7		6010B
Lead	74.7	77.77		104.2	68.7	131.3		6010B
Magnesium	2700	2250		83.4	65.1	135.3		6010B
Manganese	328	347.6		105.9	75.4	125.1		6010B
Nickel	68.0	70.85		104.3	70.9	129.0		6010B
Potassium	3040	2540		83.6	62.9	136.7		6010B
Selenium	122	119.1		97.4	66.7	134.1		6010B
Silver	41.1	40.91		99.6	66.2	134.0		6010B
Sodium	340	326.8	J	96.2	42.9	156.9		6010B
Thallium	202	221.2		109.5	69.2	130.8		6010B
Vanadium	84.6	82.39		97.4	63.1	136.6		6010B
Zinc	268	264.5		98.7	71.4	128.6		6010B

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-128794/2-A ^25

Lab Name: TestAmerica Edison Job No.: 460-44767-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00002

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	25.1	23.13		92.1	51.4	148.2		7471A

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: 460-44823-A-1-A SD ^20

SDG No:

Lab Name: TestAmerica Edison Job No: 460-44767-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	4900		4891		0.23		6010B
Antimony	1.3	U	6.3	U	NC		6010B
Arsenic	2.7		4.8	U	NC		6010B
Barium	21.6	J	21.25	J	NC		6010B
Beryllium	0.18	J	0.73	U	NC		6010B
Cadmium	0.15	U	0.75	U	NC		6010B
Calcium	1400		1376	J	NC		6010B
Chromium	8.4		8.21	J	NC		6010B
Cobalt	2.3	J	4.3	U	NC		6010B
Copper	8.6		10.39	J	NC		6010B
Iron	8740		8802		0.69		6010B
Lead	25.1		24.78		NC		6010B
Magnesium	792	J	810.6	J	NC		6010B
Manganese	45.6		46.16		1.3		6010B
Nickel	4.6	J	4.64	J	NC		6010B
Potassium	395	J	541	U	NC		6010B
Selenium	1.3	U	6.7	U	NC		6010B
Silver	0.20	U	1.0	U	NC		6010B
Sodium	160	U	799	U	NC		6010B
Thallium	1.1	U	5.7	U	NC		6010B
Vanadium	9.6	J	9.60	J	NC		6010B
Zinc	23.9		23.97	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: 460-44867-D-1-B SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-44767-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.024	U	0.12	U	NC		7471A

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: 460-44767-1

SDG Number:

Matrix: Solid Instrument ID: ICP5

Method: 6010B MDL Date: 02/08/2012 17:17

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		40	18.2
Antimony		2	1.24
Arsenic		1	0.94
Barium		40	1.14
Beryllium		0.4	0.144
Cadmium		1	0.148
Calcium		1000	70.8
Chromium		2	0.86
Cobalt		10	0.852
Copper		5	1.94
Iron		30	12.1
Lead		1	0.86
Magnesium		1000	72
Manganese		3	0.88
Nickel		8	0.88
Potassium		1000	107
Selenium		2	1.32
Silver		2	0.2
Sodium		1000	158
Thallium		2	1.13
Vanadium		10	0.768
Zinc		6	1.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-44767-1

SDG Number:

Matrix: Solid Instrument ID: ICP5

Method: 6010B XMDL Date: 11/14/2011 14:14

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: 460-44767-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A MDL Date: 03/23/2011 11:28

Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-44767-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A XMDL Date: 11/14/2011 14:17

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.: 460-44767-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-128543/1-A ^2	09/20/2012 08:04	128543	1.00		50
LCSSRM 460-128543/2-A ^4	09/20/2012 08:04	128543	1.03		50
460-44823-A-1-B DU ^4	09/20/2012 08:04	128543	1.09		50
460-44823-A-1-C MS ^4	09/20/2012 08:04	128543	1.09		50
460-44767-1	09/20/2012 08:04	128543	1.12		50
460-44767-2	09/20/2012 08:04	128543	1.14		50
460-44767-3	09/20/2012 08:04	128543	1.15		50
460-44767-4	09/20/2012 08:04	128543	1.02		50
460-44767-5	09/20/2012 08:04	128543	1.12		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-128794/1-A	09/21/2012 11:02	128794	0.60		100
LCSSRM 460-128794/2-A ^25	09/21/2012 11:02	128794	0.60		100
460-44867-D-1-C DU	09/21/2012 11:02	128794	0.60		100
460-44867-D-1-D MS	09/21/2012 11:02	128794	0.60		100
460-44767-1	09/21/2012 11:02	128794	0.61		100
460-44767-2	09/21/2012 11:02	128794	0.62		100
460-44767-3	09/21/2012 11:02	128794	0.62		100
460-44767-4	09/21/2012 11:02	128794	0.61		100
460-44767-5	09/21/2012 11:02	128794	0.62		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			17:38																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:50																				
ZZZZZZ			17:54																				
ZZZZZZ			17:58																				
ICV 460-128758/7	1		18:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-128758/8	1		18:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-128758/9	1		18:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-128758/10	1		18:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:19																				
460-44823-A-1-B DU ^4	4	T	18:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:27																				
460-44823-A-1-A SD ^20	20	T	18:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44823-A-1-C MS ^4	4	T	18:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44823-A-1-A PDS ^4	4	T	18:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:44																				
LCSSRM 460-128543/2-A ^4	4	T	18:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-128758/19	1		18:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-128758/20	1		18:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-128543/1-A ^2	2	T	19:00	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
ZZZZZZ			19:12																				
ZZZZZZ			19:16																				
ZZZZZZ			19:20																				
ZZZZZZ			19:25																				
ZZZZZZ			19:29																				
ZZZZZZ			19:33																				
ZZZZZZ			19:37																				
CCV 460-128758/31	1		19:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-128758/32	1		19:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44767-1	4	T	19:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44767-2	4	T	19:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44767-3	4	T	19:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44767-4	4	T	20:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44767-5	4	T	20:06	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
ZZZZZZ			20:10																				
ZZZZZZ			20:14																				
ZZZZZZ			20:18																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			20:22																				
ZZZZZZ			20:26																				
CCV 460-128758/43	1		20:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-128758/44	1		20:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:38																				
ZZZZZZ			20:42																				
ZZZZZZ			20:46																				
ZZZZZZ			20:50																				
ZZZZZZ			20:54																				
ZZZZZZ			20:58																				
ZZZZZZ			21:02																				
ZZZZZZ			21:06																				
ZZZZZZ			21:11																				
ZZZZZZ			21:15																				
CCV 460-128758/55			21:19																				
CCB 460-128758/56			21:23																				
ZZZZZZ			21:27																				
ZZZZZZ			21:31																				
ZZZZZZ			21:35																				
ZZZZZZ			21:39																				
ZZZZZZ			21:43																				
ZZZZZZ			21:47																				
ZZZZZZ			21:51																				
ZZZZZZ			21:55																				
ZZZZZZ			21:59																				
ZZZZZZ			22:03																				
CCV 460-128758/67			22:08																				
CCB 460-128758/68			22:12																				
ZZZZZZ			22:16																				
ZZZZZZ			22:20																				
ZZZZZZ			22:24																				
ZZZZZZ			22:28																				
ZZZZZZ			22:32																				
ZZZZZZ			22:37																				
ZZZZZZ			22:41																				
ZZZZZZ			22:45																				
ZZZZZZ			22:49																				
ZZZZZZ			22:53																				
CCV 460-128758/79			22:57																				
CCB 460-128758/80			23:01																				
ZZZZZZ			23:05																				
ZZZZZZ			23:10																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			23:14																					
ZZZZZZ			23:18																					
ZZZZZZ			23:22																					
ZZZZZZ			23:26																					
ZZZZZZ			23:30																					
ZZZZZZ			23:34																					
ZZZZZZ			23:38																					
ZZZZZZ			23:43																					
CCV 460-128758/91			23:47																					
CCB 460-128758/92			23:51																					
ZZZZZZ			23:55																					
ZZZZZZ			23:59																					
ZZZZZZ			00:03																					
ZZZZZZ			00:07																					
ZZZZZZ			00:11																					
ZZZZZZ			00:15																					
ZZZZZZ			00:20																					
ZZZZZZ			00:24																					
ZZZZZZ			00:28																					
ZZZZZZ			00:32																					
CCV 460-128758/103			00:37																					
CCB 460-128758/104			00:40																					
ZZZZZZ			00:45																					
ZZZZZZ			00:49																					
ZZZZZZ			00:53																					
ZZZZZZ			00:57																					
ZZZZZZ			01:02																					
ZZZZZZ			01:06																					
ZZZZZZ			01:10																					
ZZZZZZ			01:14																					
ZZZZZZ			01:18																					
ZZZZZZ			01:23																					
CCV 460-128758/115			01:27																					
CCB 460-128758/116			01:31																					
ZZZZZZ			01:35																					
ZZZZZZ			01:39																					
ZZZZZZ			01:43																					
ZZZZZZ			01:47																					
ZZZZZZ			01:51																					
ZZZZZZ			01:55																					
ZZZZZZ			01:59																					
ZZZZZZ			02:03																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			02:08																					
ZZZZZZ			02:12																					
CCV 460-128758/127			02:16																					
CCB 460-128758/128			02:20																					
ZZZZZZ			02:24																					
ZZZZZZ			02:28																					
ZZZZZZ			02:32																					
ZZZZZZ			02:36																					
ZZZZZZ			02:40																					
ZZZZZZ			02:44																					
ZZZZZZ			02:48																					
CCV 460-128758/136			02:53																					
CCB 460-128758/137			02:56																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			17:38																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:50																				
ZZZZZZ			17:54																				
ZZZZZZ			17:58																				
ICV 460-128758/7	1		18:02	X	X																		
ICB 460-128758/8	1		18:06	X	X																		
ICSA 460-128758/9	1		18:10	X	X																		
ICSAB 460-128758/10	1		18:15	X	X																		
ZZZZZZ			18:19																				
460-44823-A-1-B DU ^4	4	T	18:23	X	X																		
ZZZZZZ			18:27																				
460-44823-A-1-A SD ^20	20	T	18:32	X	X																		
460-44823-A-1-C MS ^4	4	T	18:36	X	X																		
460-44823-A-1-A PDS ^4	4	T	18:40	X	X																		
ZZZZZZ			18:44																				
LCSSRM 460-128543/2-A ^4	4	T	18:48	X	X																		
CCV 460-128758/19	1		18:52	X	X																		
CCB 460-128758/20	1		18:55	X	X																		
MB 460-128543/1-A ^2	2	T	19:00	X	X																		
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
ZZZZZZ			19:12																				
ZZZZZZ			19:16																				
ZZZZZZ			19:20																				
ZZZZZZ			19:25																				
ZZZZZZ			19:29																				
ZZZZZZ			19:33																				
ZZZZZZ			19:37																				
CCV 460-128758/31	1		19:41	X	X																		
CCB 460-128758/32	1		19:45	X	X																		
460-44767-1	4	T	19:49	X	X																		
460-44767-2	4	T	19:53	X	X																		
460-44767-3	4	T	19:57	X	X																		
460-44767-4	4	T	20:01	X	X																		
460-44767-5	4	T	20:06	X	X																		
ZZZZZZ			20:10																				
ZZZZZZ			20:14																				
ZZZZZZ			20:18																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			20:22																				
ZZZZZZ			20:26																				
CCV 460-128758/43	1		20:30	X	X																		
CCB 460-128758/44	1		20:34	X	X																		
ZZZZZZ			20:38																				
ZZZZZZ			20:42																				
ZZZZZZ			20:46																				
ZZZZZZ			20:50																				
ZZZZZZ			20:54																				
ZZZZZZ			20:58																				
ZZZZZZ			21:02																				
ZZZZZZ			21:06																				
ZZZZZZ			21:11																				
ZZZZZZ			21:15																				
CCV 460-128758/55			21:19																				
CCB 460-128758/56			21:23																				
ZZZZZZ			21:27																				
ZZZZZZ			21:31																				
ZZZZZZ			21:35																				
ZZZZZZ			21:39																				
ZZZZZZ			21:43																				
ZZZZZZ			21:47																				
ZZZZZZ			21:51																				
ZZZZZZ			21:55																				
ZZZZZZ			21:59																				
ZZZZZZ			22:03																				
CCV 460-128758/67			22:08																				
CCB 460-128758/68			22:12																				
ZZZZZZ			22:16																				
ZZZZZZ			22:20																				
ZZZZZZ			22:24																				
ZZZZZZ			22:28																				
ZZZZZZ			22:32																				
ZZZZZZ			22:37																				
ZZZZZZ			22:41																				
ZZZZZZ			22:45																				
ZZZZZZ			22:49																				
ZZZZZZ			22:53																				
CCV 460-128758/79			22:57																				
CCB 460-128758/80			23:01																				
ZZZZZZ			23:05																				
ZZZZZZ			23:10																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			23:14																				
ZZZZZZ			23:18																				
ZZZZZZ			23:22																				
ZZZZZZ			23:26																				
ZZZZZZ			23:30																				
ZZZZZZ			23:34																				
ZZZZZZ			23:38																				
ZZZZZZ			23:43																				
CCV 460-128758/91			23:47																				
CCB 460-128758/92			23:51																				
ZZZZZZ			23:55																				
ZZZZZZ			23:59																				
ZZZZZZ			00:03																				
ZZZZZZ			00:07																				
ZZZZZZ			00:11																				
ZZZZZZ			00:15																				
ZZZZZZ			00:20																				
ZZZZZZ			00:24																				
ZZZZZZ			00:28																				
ZZZZZZ			00:32																				
CCV 460-128758/103			00:37																				
CCB 460-128758/104			00:40																				
ZZZZZZ			00:45																				
ZZZZZZ			00:49																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:02																				
ZZZZZZ			01:06																				
ZZZZZZ			01:10																				
ZZZZZZ			01:14																				
ZZZZZZ			01:18																				
ZZZZZZ			01:23																				
CCV 460-128758/115			01:27																				
CCB 460-128758/116			01:31																				
ZZZZZZ			01:35																				
ZZZZZZ			01:39																				
ZZZZZZ			01:43																				
ZZZZZZ			01:47																				
ZZZZZZ			01:51																				
ZZZZZZ			01:55																				
ZZZZZZ			01:59																				
ZZZZZZ			02:03																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/20/2012 17:38 End Date: 09/21/2012 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			02:08																				
ZZZZZZ			02:12																				
CCV 460-128758/127			02:16																				
CCB 460-128758/128			02:20																				
ZZZZZZ			02:24																				
ZZZZZZ			02:28																				
ZZZZZZ			02:32																				
ZZZZZZ			02:36																				
ZZZZZZ			02:40																				
ZZZZZZ			02:44																				
ZZZZZZ			02:48																				
CCV 460-128758/136			02:53																				
CCB 460-128758/137			02:56																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/21/2012 18:02 End Date: 09/22/2012 02:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Fe																		
ZZZZZZ			18:02																				
ZZZZZZ			18:07																				
ZZZZZZ			18:11																				
ZZZZZZ			18:15																				
ZZZZZZ			18:19																				
ZZZZZZ			18:23																				
ICV 460-128898/7	1		18:28	X	X																		
ICB 460-128898/8	1		18:31	X	X																		
ICSA 460-128898/9			18:36																				
ICSAB 460-128898/10			18:40																				
ZZZZZZ			18:44																				
ZZZZZZ			18:49																				
ZZZZZZ			18:53																				
ZZZZZZ			18:57																				
ZZZZZZ			19:02																				
ZZZZZZ			19:06																				
ZZZZZZ			19:10																				
ZZZZZZ			19:14																				
CCV 460-128898/19			19:18																				
CCB 460-128898/20			19:22																				
ZZZZZZ			19:26																				
ZZZZZZ			19:30																				
ZZZZZZ			19:35																				
ZZZZZZ			19:39																				
ZZZZZZ			19:43																				
ZZZZZZ			19:48																				
ZZZZZZ			19:52																				
ZZZZZZ			19:56																				
ICSA 460-128898/29	1		20:00	X	X																		
ICSAB 460-128898/30	1		20:05	X	X																		
CCV 460-128898/31			20:09																				
CCB 460-128898/32			20:13																				
ZZZZZZ			20:17																				
ZZZZZZ			20:21																				
ZZZZZZ			20:25																				
ZZZZZZ			20:30																				
ZZZZZZ			20:34																				
ZZZZZZ			20:38																				
ZZZZZZ			20:42																				
ZZZZZZ			20:46																				
ZZZZZZ			20:50																				
ZZZZZZ			20:54																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/21/2012 18:02 End Date: 09/22/2012 02:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Fe																		
CCV 460-128898/43			20:59																				
CCB 460-128898/44			21:03																				
ZZZZZZ			21:07																				
ZZZZZZ			21:11																				
ZZZZZZ			21:15																				
ZZZZZZ			21:20																				
ZZZZZZ			21:24																				
ZZZZZZ			21:28																				
ZZZZZZ			21:32																				
ZZZZZZ			21:37																				
ZZZZZZ			21:41																				
ZZZZZZ			21:45																				
CCV 460-128898/55			21:49																				
CCB 460-128898/56			21:53																				
ZZZZZZ			21:57																				
ZZZZZZ			22:02																				
ZZZZZZ			22:06																				
ZZZZZZ			22:10																				
ZZZZZZ			22:14																				
ZZZZZZ			22:18																				
ZZZZZZ			22:23																				
ZZZZZZ			22:27																				
ZZZZZZ			22:31																				
ZZZZZZ			22:35																				
CCV 460-128898/67			22:39																				
CCB 460-128898/68			22:43																				
ZZZZZZ			22:47																				
ZZZZZZ			22:52																				
ZZZZZZ			22:56																				
ZZZZZZ			23:00																				
ZZZZZZ			23:04																				
ZZZZZZ			23:08																				
ZZZZZZ			23:13																				
ZZZZZZ			23:17																				
ZZZZZZ			23:21																				
ZZZZZZ			23:25																				
CCV 460-128898/79	1		23:30	X	X																		
CCB 460-128898/80	1		23:34	X	X																		
MB 460-128543/1-A ^2	2	T	23:38	X																			
ZZZZZZ			23:42																				
ZZZZZZ			23:46																				
460-44767-5	10	T	23:51		X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/21/2012 18:02 End Date: 09/22/2012 02:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cu	Fe																			
ZZZZZZ			23:55																					
ZZZZZZ			23:59																					
ZZZZZZ			00:03																					
ZZZZZZ			00:08																					
ZZZZZZ			00:12																					
ZZZZZZ			00:16																					
CCV 460-128898/91	1		00:20	X	X																			
CCB 460-128898/92	1		00:24	X	X																			
ZZZZZZ			00:28																					
ZZZZZZ			00:33																					
ZZZZZZ			00:37																					
ZZZZZZ			00:41																					
ZZZZZZ			00:45																					
ZZZZZZ			00:49																					
ZZZZZZ			00:54																					
ZZZZZZ			00:58																					
ZZZZZZ			01:02																					
ZZZZZZ			01:06																					
CCV 460-128898/103			01:11																					
CCB 460-128898/104			01:15																					
ZZZZZZ			01:19																					
ZZZZZZ			01:23																					
ZZZZZZ			01:28																					
ZZZZZZ			01:32																					
ZZZZZZ			01:36																					
ZZZZZZ			01:40																					
ZZZZZZ			01:45																					
ZZZZZZ			01:49																					
ZZZZZZ			01:53																					
ZZZZZZ			01:57																					
CCV 460-128898/115			02:01																					
CCB 460-128898/116			02:05																					
CCV 460-128898/117			02:10																					
CCB 460-128898/118			02:14																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 09/21/2012 15:03 End Date: 09/21/2012 16:33

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-128778/12-A			15:03	X																			
IC 460-128778/13-A			15:05	X																			
IC 460-128778/14-A			15:07	X																			
IC 460-128778/15-A			15:09	X																			
IC 460-128778/16-A			15:11	X																			
IC 460-128778/17-A			15:13	X																			
ICV 460-128778/18-A	1		15:17	X																			
ICB 460-128867/8	1		15:19	X																			
MB 460-128794/1-A	1	T	15:21	X																			
LCSSRM 460-128794/2-A ^25	25	T	15:24	X																			
ZZZZZZ			15:26																				
460-44867-D-1-C DU	1	T	15:28	X																			
460-44867-D-1-D MS	1	T	15:30	X																			
ZZZZZZ			15:32																				
ZZZZZZ			15:34																				
ZZZZZZ			15:36																				
CCV 460-128778/19-A	1		15:39	X																			
CCB 460-128867/18	1		15:41	X																			
ZZZZZZ			15:45																				
ZZZZZZ			15:47																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
460-44767-1	1	T	15:57	X																			
460-44767-2	1	T	15:58	X																			
460-44767-3	1	T	16:01	X																			
460-44767-4	1	T	16:03	X																			
CCV 460-128778/19-A	1		16:05	X																			
CCB 460-128867/29	1		16:07	X																			
460-44767-5	1	T	16:09	X																			
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:17																				
ZZZZZZ			16:19																				
ZZZZZZ			16:21																				
ZZZZZZ			16:23																				
460-44867-D-1-B SD ^5	5	T	16:29	X																			
CCV 460-128778/19-A	1		16:31	X																			
CCB 460-128867/40	1		16:33	X																			

13-IN
ANALYSIS RUN LOG
METALS

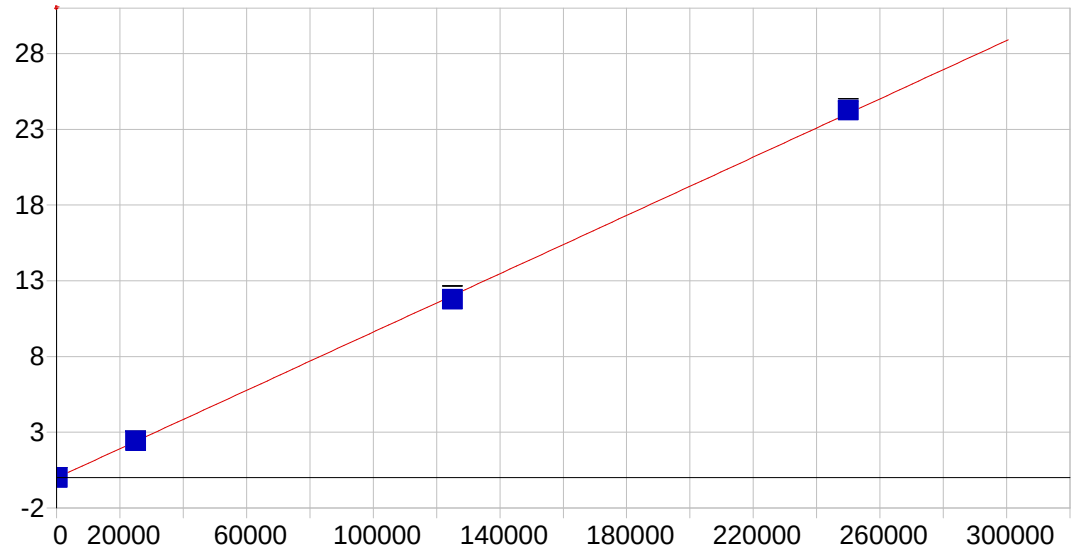
Lab Name: TestAmerica Edison Job No.: 460-44767-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 09/21/2012 15:03 End Date: 09/21/2012 16:33

Prep Types
T = Total/NA

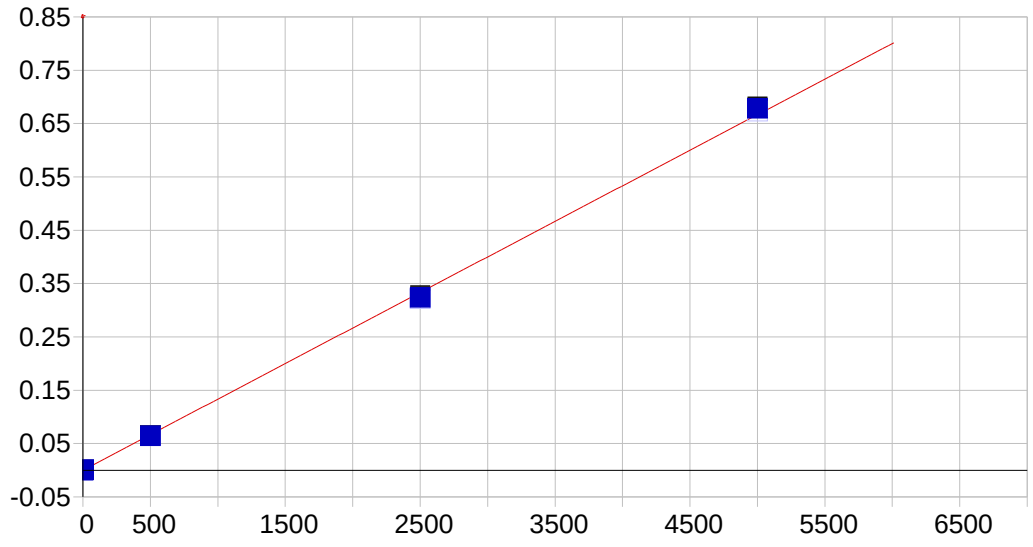


Al 396.152 { 85}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.006385	Re-Slope:	1.000000
A1 (Gain):	0.000096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000471		
Predicted MDL:	18.679466		
Predicted MQL:	62.264886		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00040	.000	.000	-.00638	.002	1
DCAL2	200.00	199.46	-.539	-.270	.01284	.001	1
DCAL3	25000.	25296.	296.	1.18	2.4294	.013	1
DCAL4	125000.	122510.	-2490.	-1.99	11.791	.223	1
DCAL5	250000.	252190.	2190.	.876	24.277	.088	1

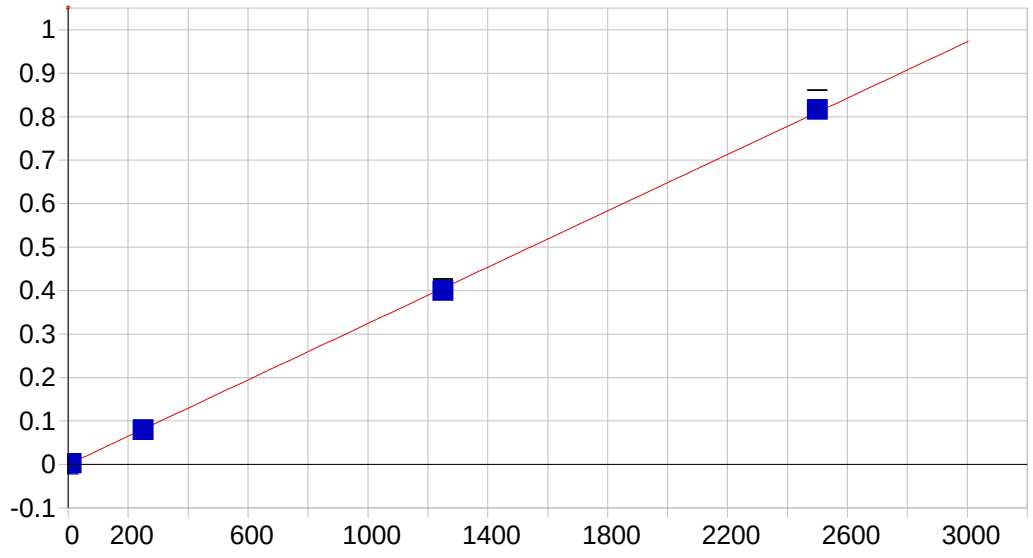


As 189.042 {478}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000029	Re-Slope:	1.000000
A1 (Gain):	0.000133	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999740	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	1.732942		
Predicted MQL:	5.776475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00007	.000	.000	.00003	.000	1
DCAL2	5.0000	5.1500	.150	3.00	.00071	.000	1
DCAL3	500.00	483.73	-16.3	-3.25	.06401	.001	1
DCAL4	2500.0	2428.6	-71.4	-2.85	.32128	.003	1
DCAL5	5000.0	5087.5	87.5	1.75	.67322	.002	1

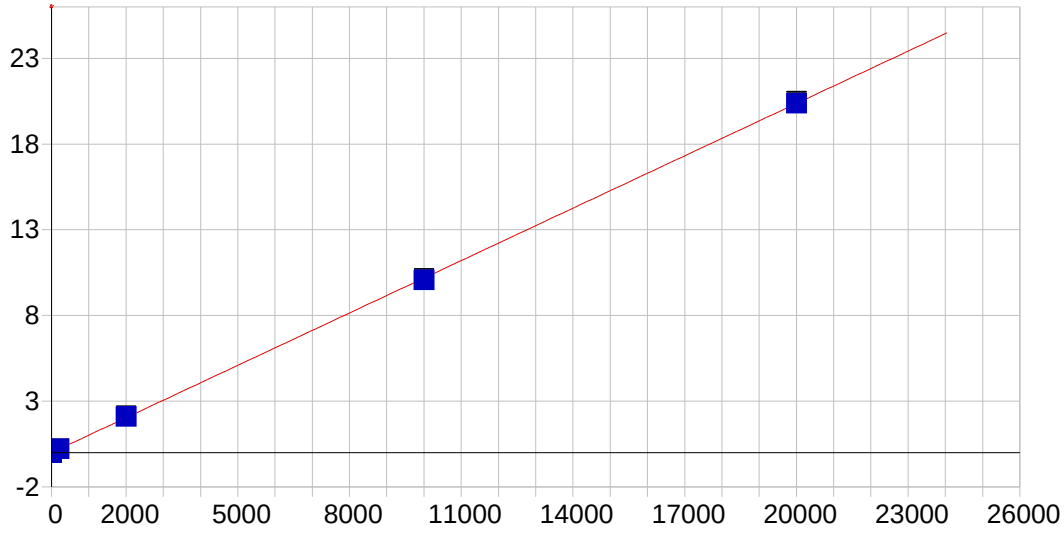


Ag 328.068 {103}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000028	Re-Slope:	1.000000
A1 (Gain):	0.000324	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.736848		
Predicted MQL:	2.456161		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00083	.001	.000	-.00003	.000	1
DCAL2	10.000	9.3581	-.642	-6.42	.00300	.000	1
DCAL3	250.00	246.31	-3.69	-1.47	.07977	.001	1
DCAL4	1250.0	1234.4	-15.6	-1.25	.39988	.004	1
DCAL5	2500.0	2519.9	19.9	.796	.81633	.022	1

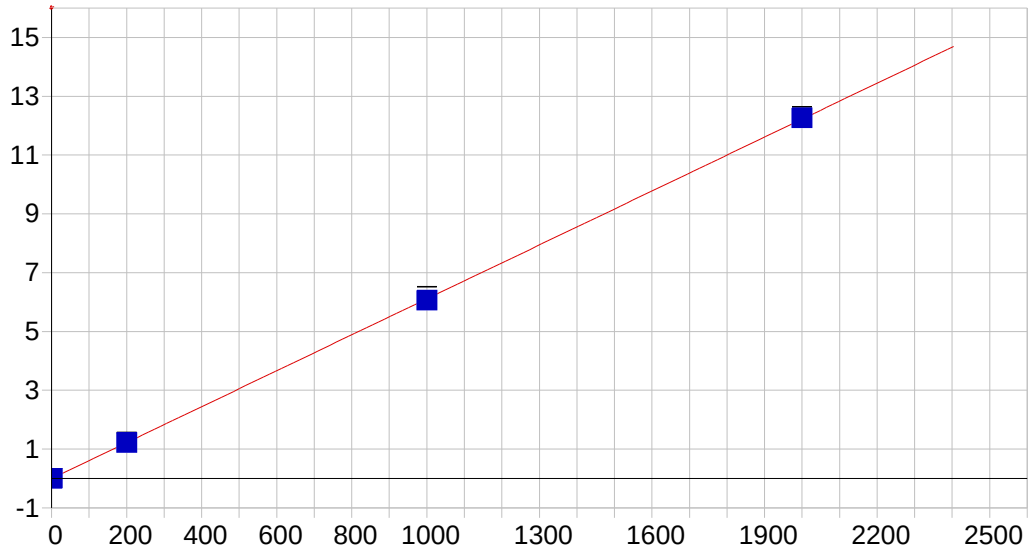


Ba 233.527 {445}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000386	Re-Slope:	1.000000
A1 (Gain):	0.001018	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.001267		
Predicted MDL:	0.251868		
Predicted MQL:	0.839561		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01583	-.016	.000	-.00040	.000	1
DCAL2	200.00	210.03	10.0	5.01	.21344	.000	1
DCAL3	2000.0	2077.4	77.4	3.87	2.1129	.018	1
DCAL4	10000.	9893.7	-106.	-1.06	10.064	.066	1
DCAL5	20000.	20019.	18.8	.094	20.363	.101	1

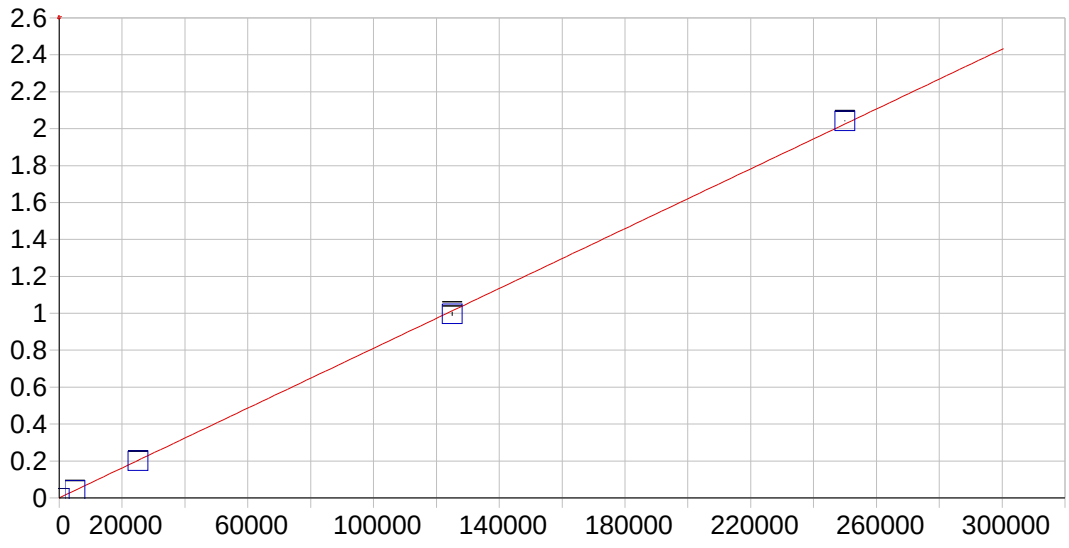


Be 313.042 {108}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003129	Re-Slope:	1.000000
A1 (Gain):	0.006113	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.139772		
Predicted MQL:	0.465908		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00004	-.000	.000	-.00313	.000	1
DCAL2	2.0000	2.0453	.045	2.26	.00941	.000	1
DCAL3	200.00	199.63	-.368	-.184	1.2162	.010	1
DCAL4	1000.0	993.17	-6.83	-.683	6.0628	.120	1
DCAL5	2000.0	2007.2	7.15	.358	12.256	.039	1

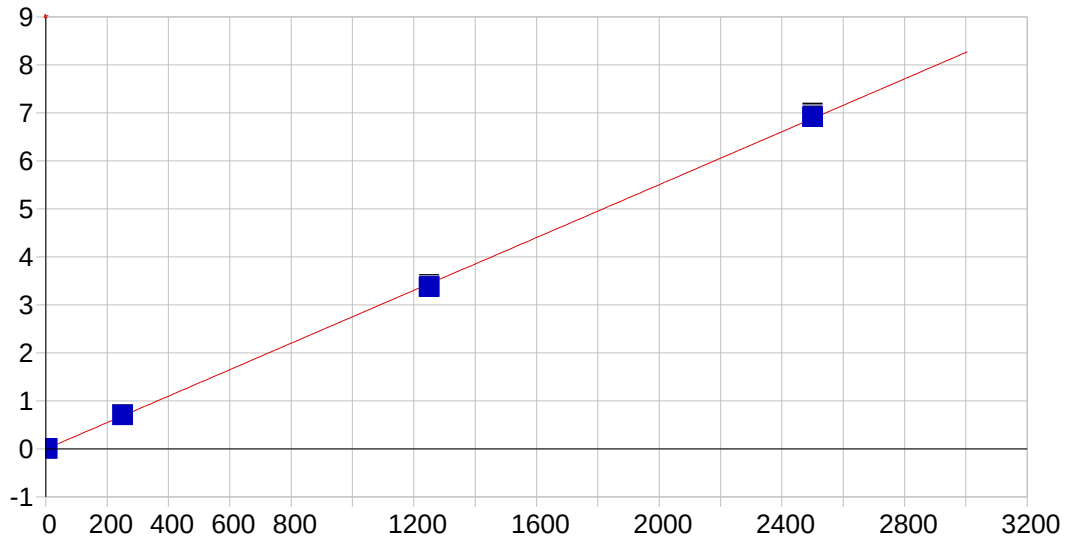


Ca 184.006 {483}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000365	Re-Slope:	1.000000
A1 (Gain):	0.000008	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000164		
Predicted MDL:	14.434473		
Predicted MQL:	48.114912		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.07303	.073	.000	.00037	.000	1
DCAL2	5000.0	4997.8	-2.15	-.043	.04085	.000	1
DCAL3	25000.	24821.	-179.	-.715	.20143	.002	1
DCAL4	125000.	123060.	-1940.	-1.55	.99724	.011	1
DCAL5	250000.	252120.	2120.	.847	2.0427	.003	1

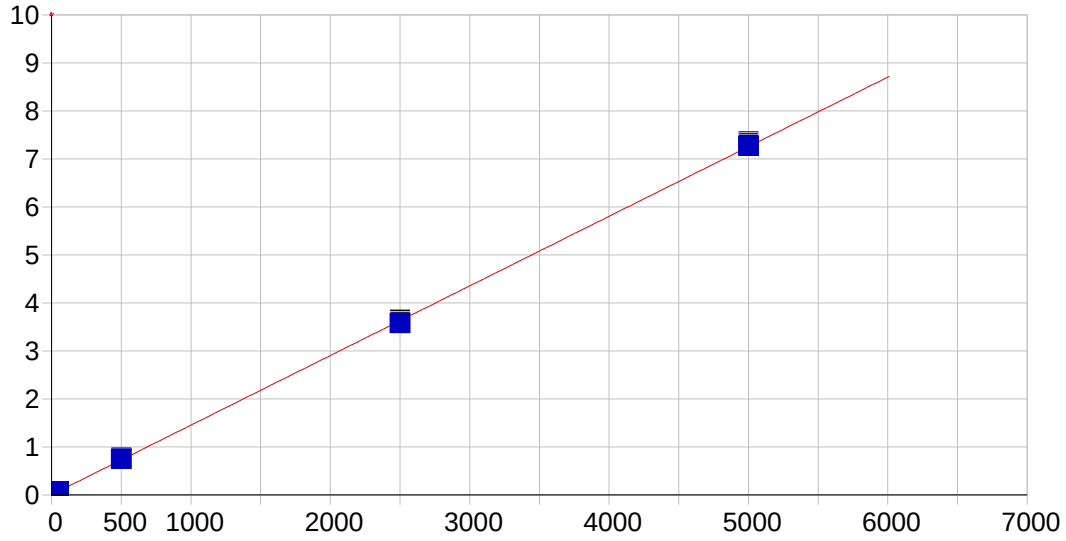


Cd 226.502 {449}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002225	Re-Slope:	1.000000
A1 (Gain):	0.002754	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000174		
Predicted MDL:	0.132438		
Predicted MQL:	0.441461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00030	-.000	.000	-.00223	.000	1
DCAL2	4.0000	4.2455	.245	6.14	.00949	.000	1
DCAL3	250.00	256.21	6.21	2.48	.70693	.006	1
DCAL4	1250.0	1229.1	-20.9	-1.67	3.4006	.022	1
DCAL5	2500.0	2514.4	14.4	.576	6.9579	.037	1

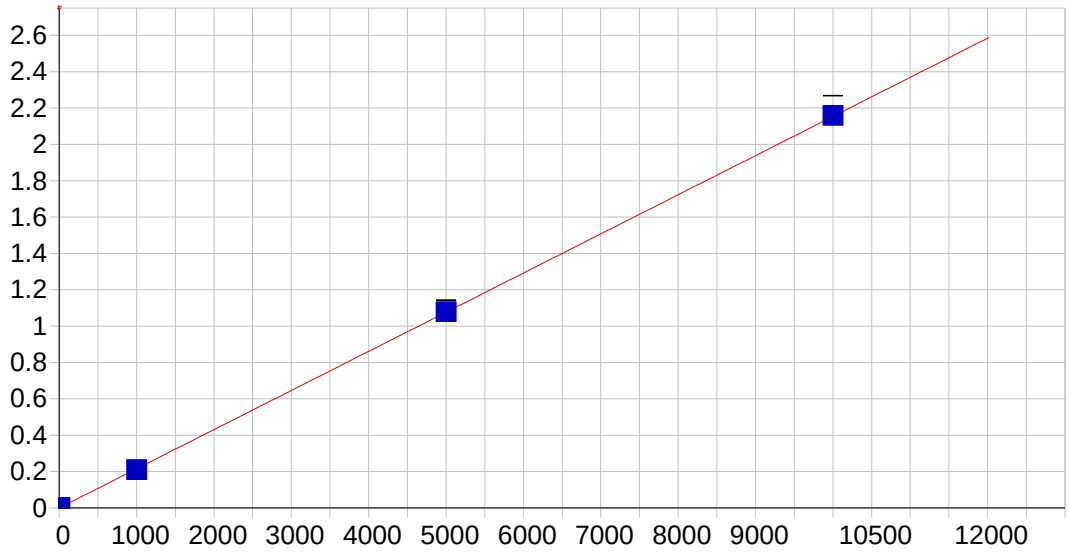


Co 228.616 {447}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003819	Re-Slope:	1.000000
A1 (Gain):	0.001450	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000502		
Predicted MDL:	0.294173		
Predicted MQL:	0.980577		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00428	-.004	.000	.00381	.000	1
DCAL2	50.000	52.957	2.96	5.91	.08067	.000	1
DCAL3	500.00	519.01	19.0	3.80	.76333	.006	1
DCAL4	2500.0	2464.4	-35.6	-1.42	3.6119	.030	1
DCAL5	5000.0	5013.6	13.6	.273	7.3429	.013	1

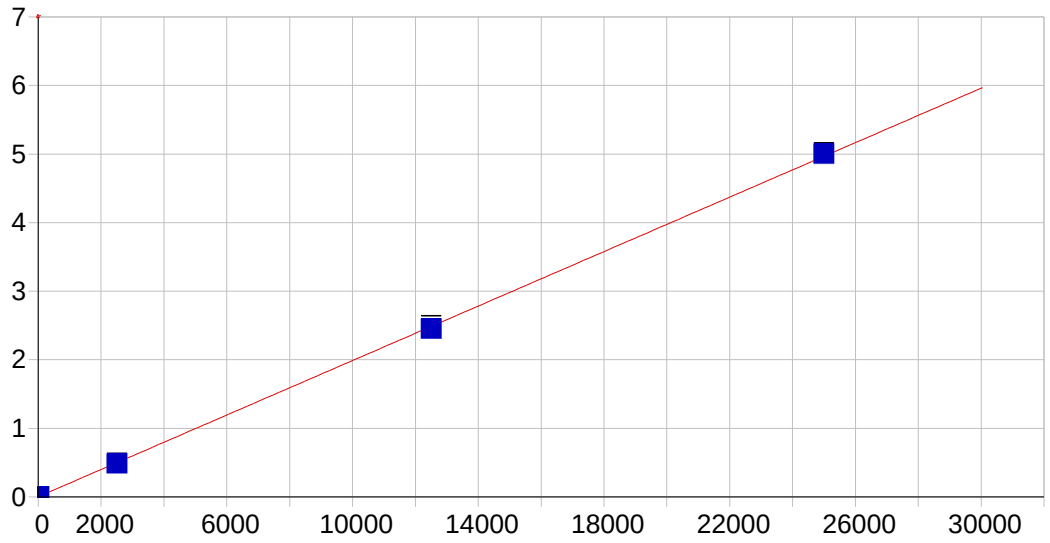


Cr 267.716 {126}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000165	Re-Slope:	1.000000
A1 (Gain):	0.000215	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.609266		
Predicted MQL:	2.030888		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00019	-.000	.000	.00017	.000	1
DCAL2	10.000	10.444	.444	4.44	.00243	.000	1
DCAL3	1000.0	970.43	-29.6	-2.96	.20923	.001	1
DCAL4	5000.0	5008.3	8.30	.166	1.0791	.009	1
DCAL5	10000.	10021.	20.8	.208	2.1589	.056	1

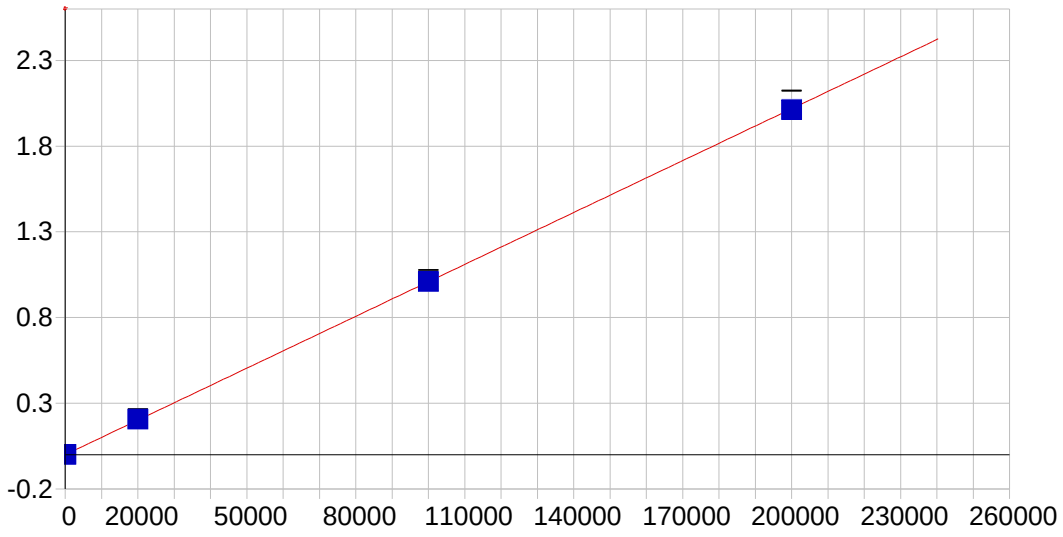


Cu 324.754 {104}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002708	Re-Slope:	1.000000
A1 (Gain):	0.000199	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999881	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	4.163666		
Predicted MQL:	13.878887		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00796	-.008	.000	.00271	.000	1
DCAL1	10.000	16.718	6.72	67.2	.00603	.000	1
DCAL2	25.000	28.701	3.70	14.8	.00839	.000	1
DCAL3	2500.0	2450.7	-49.3	-1.97	.48859	.001	1
DCAL4	12500.	12345.	-155.	-1.24	2.4503	.048	1
DCAL5	25000.	25194.	194.	.776	4.9980	.014	1

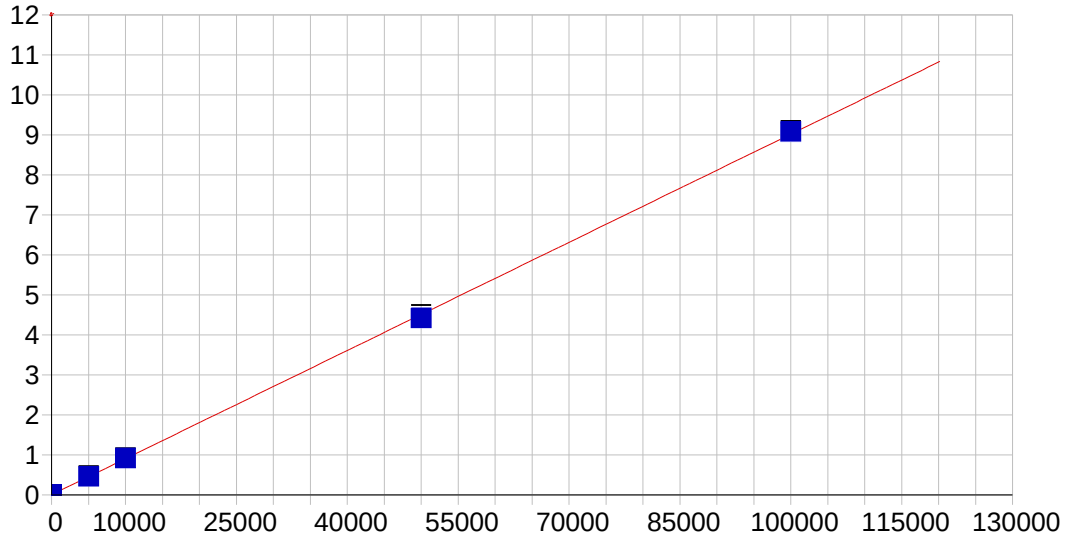


Fe 271.441 {124}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	0.000010	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	13.536326		
Predicted MQL:	45.121088		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02781	-.028	.000	.00002	.000	1
DCAL1	100.00	114.10	14.1	14.1	.00117	.000	1
DCAL2	150.00	166.86	16.9	11.2	.00175	.000	1
DCAL3	20000.	20541.	541.	2.70	.20774	.002	1
DCAL4	100000.	100090.	90.7	.091	1.0123	.009	1
DCAL5	200000.	199340.	-663.	-.331	2.0160	.052	1

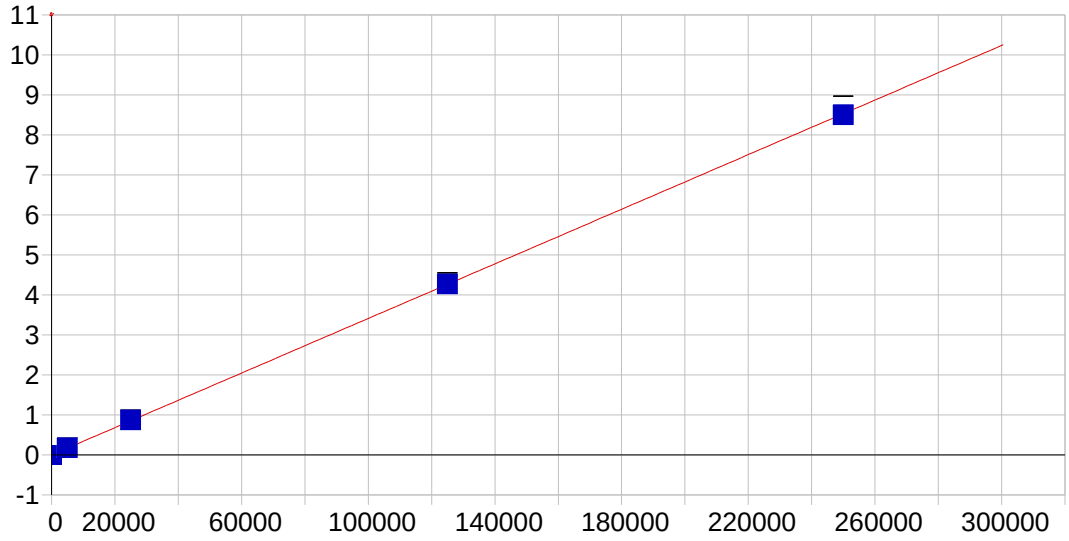


K 766.490 { 44}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004611	Re-Slope:	1.000000
A1 (Gain):	0.000090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999917	Status:	OK.
Std Error of Est:	0.001356		
Predicted MDL:	38.390414		
Predicted MQL:	127.968047		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.08759	-.088	.000	.00460	.002	1
DCAL2	5000.0	5075.9	75.9	1.52	.46207	.007	1
DCAL3	10000.	10141.	141.	1.41	.91732	.005	1
DCAL4	50000.	49038.	-962.	-1.92	4.4177	.079	1
DCAL5	100000.	100740.	745.	.745	9.0714	.025	1

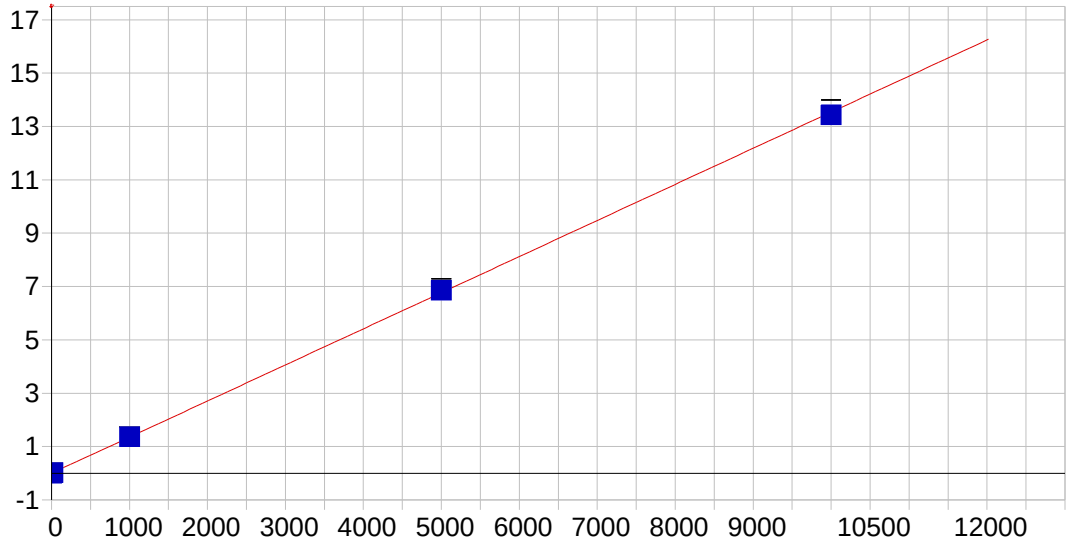


Mg 279.079 {121}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000061	Re-Slope:	1.000000
A1 (Gain):	0.000034	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000469		
Predicted MDL:	4.377991		
Predicted MQL:	14.593303		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.31417	-.314	.000	-.00007	.000	1
DCAL2	5000.0	5229.6	230.	4.59	.17837	.002	1
DCAL3	25000.	25482.	482.	1.93	.86914	.005	1
DCAL4	125000.	125120.	123.	.098	4.2680	.037	1
DCAL5	250000.	249170.	-834.	-.334	8.4992	.217	1

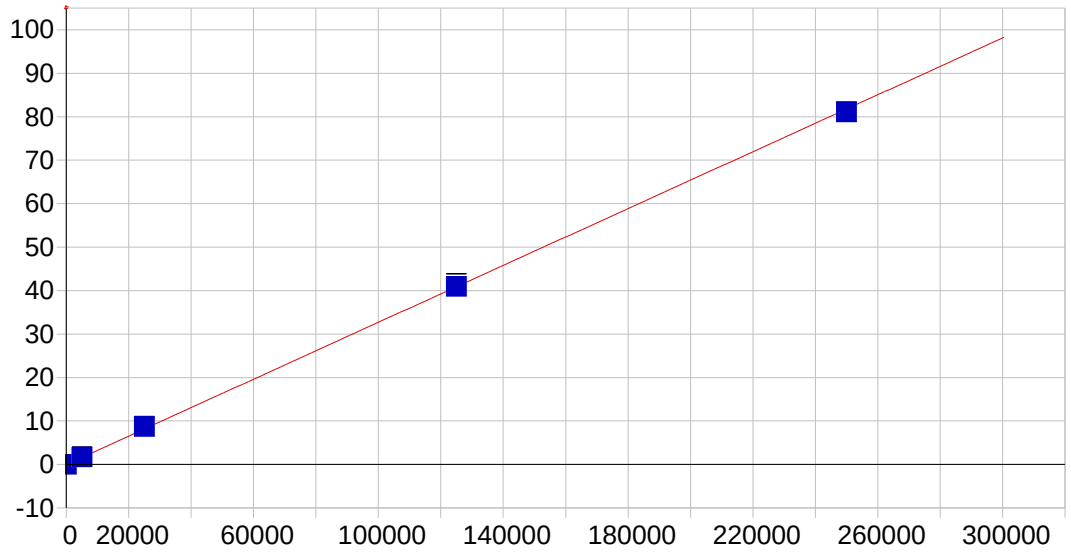


Mn 257.610 {131}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000172	Re-Slope:	1.000000
A1 (Gain):	0.001354	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.094387		
Predicted MQL:	0.314622		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00147	-.001	.000	-.00017	.000	1
DCAL2	15.000	16.223	1.22	8.15	.02179	.000	1
DCAL3	1000.0	1010.9	10.9	1.09	1.3683	.009	1
DCAL4	5000.0	5066.0	66.0	1.32	6.8583	.064	1
DCAL5	10000.	9921.9	-78.1	-.781	13.432	.191	1

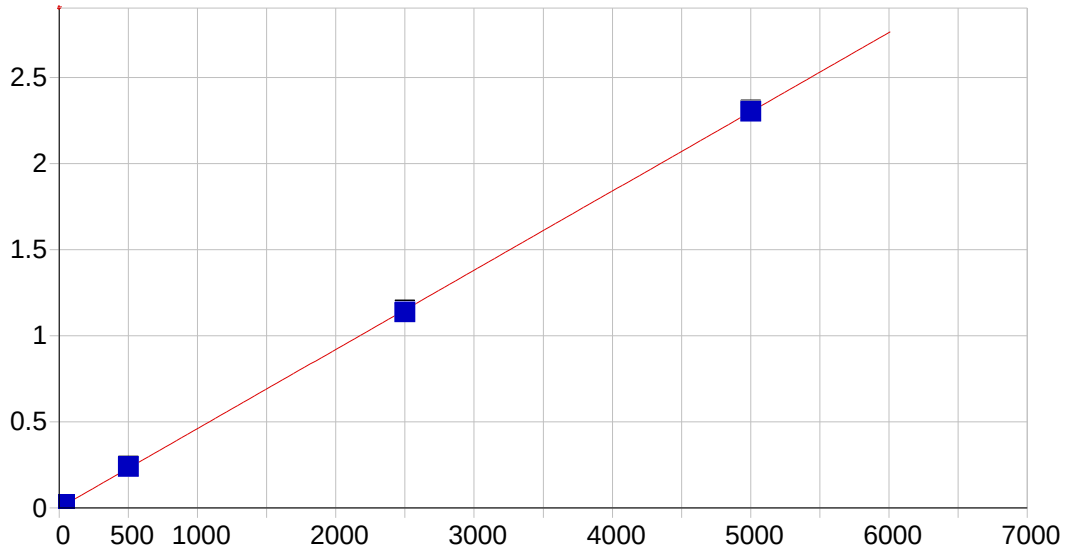


Na 589.592 { 57}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.018376	Re-Slope:	1.000000
A1 (Gain):	0.000327	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999804	Status:	OK.
Std Error of Est:	0.011897		
Predicted MDL:	12.133594		
Predicted MQL:	40.445313		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.67513	-.675	.000	-.01860	.003	1
DCAL2	5000.0	5380.7	381.	7.61	1.7420	.010	1
DCAL3	25000.	26660.	1660.	6.64	8.7090	.029	1
DCAL4	125000.	125160.	162.	.130	40.957	.684	1
DCAL5	250000.	247800.	-2200.	-.881	81.105	.050	1

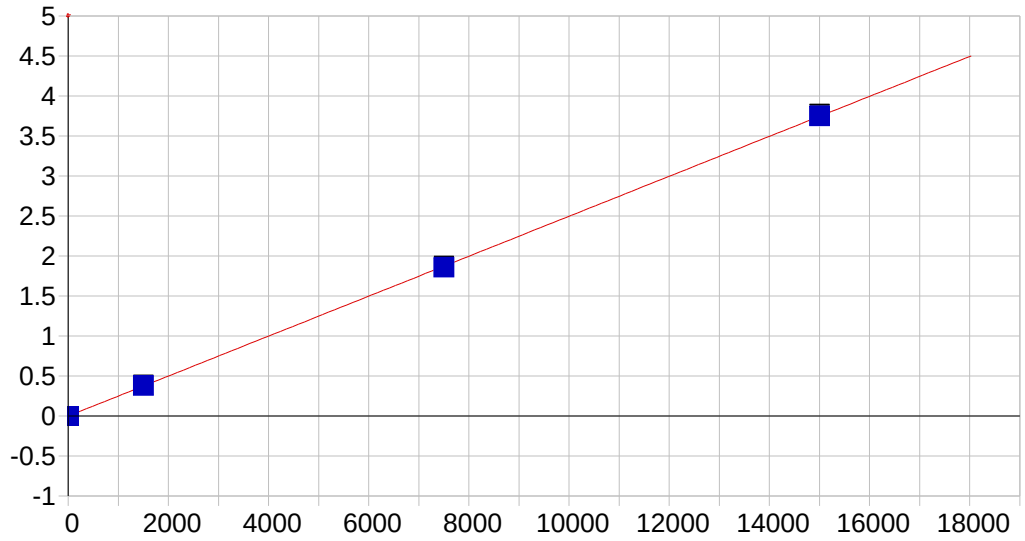


Ni 231.604 {446}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000618	Re-Slope:	1.000000
A1 (Gain):	0.000460	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.685695		
Predicted MQL:	2.285650		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00179	-.002	.000	.00062	.000	1
DCAL1	10.000	10.817	.817	8.17	.00559	.000	1
DCAL2	40.000	42.654	2.65	6.63	.02023	.000	1
DCAL3	500.00	520.63	20.6	4.13	.24040	.002	1
DCAL4	2500.0	2471.5	-28.5	-1.14	1.1390	.009	1
DCAL5	5000.0	5004.4	4.43	.089	2.3056	.004	1

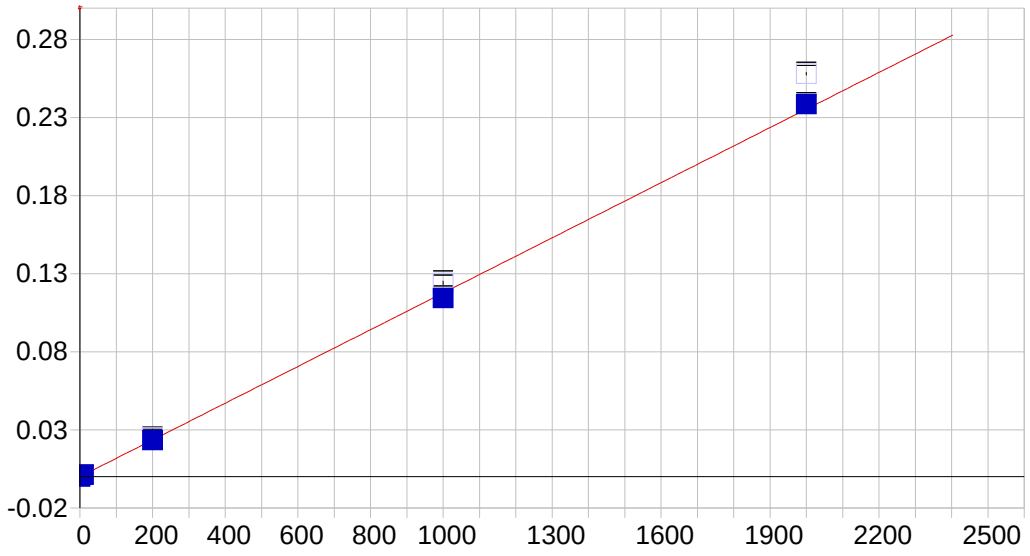


Pb 220.353 {453}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000529	Re-Slope:	1.000000
A1 (Gain):	0.000250	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	1.445438		
Predicted MQL:	4.818125		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00002	-.000	.000	-.00053	.000	1
DCAL2	5.0000	4.9536	-.046	-.929	.00070	.000	1
DCAL3	1500.0	1528.5	28.5	1.90	.38053	.003	1
DCAL4	7500.0	7447.1	-52.9	-.706	1.8559	.011	1
DCAL5	15000.	15024.	24.4	.163	3.7449	.019	1

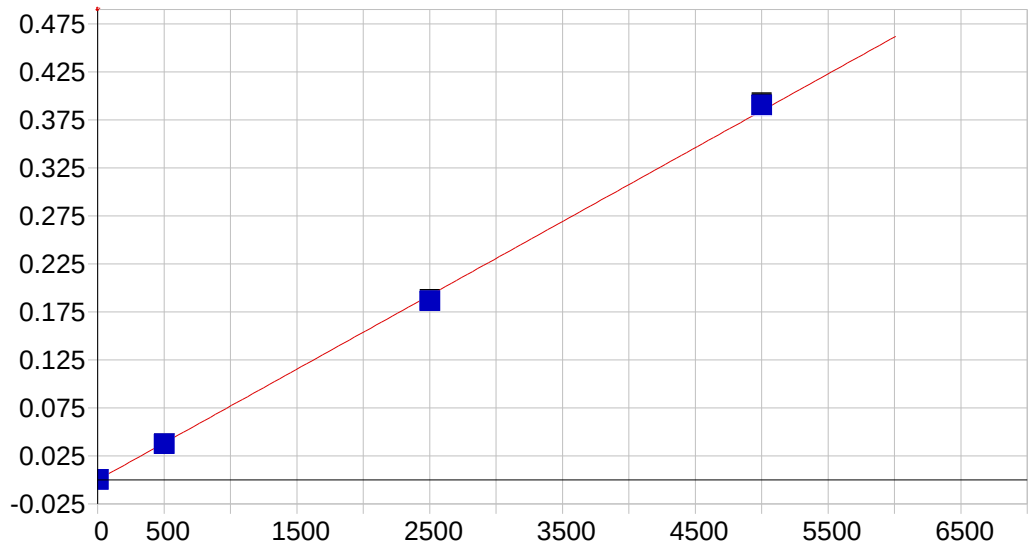


Sb 206.833 {463}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	0.000118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999819	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	2.535041		
Predicted MQL:	8.450138		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00116	-.001	.000	.00002	.000	1
DCAL2	10.000	11.382	1.38	13.8	.00137	.000	1
DCAL3	200.00	198.32	-1.68	-.840	.02529	.000	1
DCAL4	1000.0	972.34	-27.7	-2.77	.12410	.001	1
DCAL5	2000.0	2028.0	28.0	1.40	.25799	.001	1

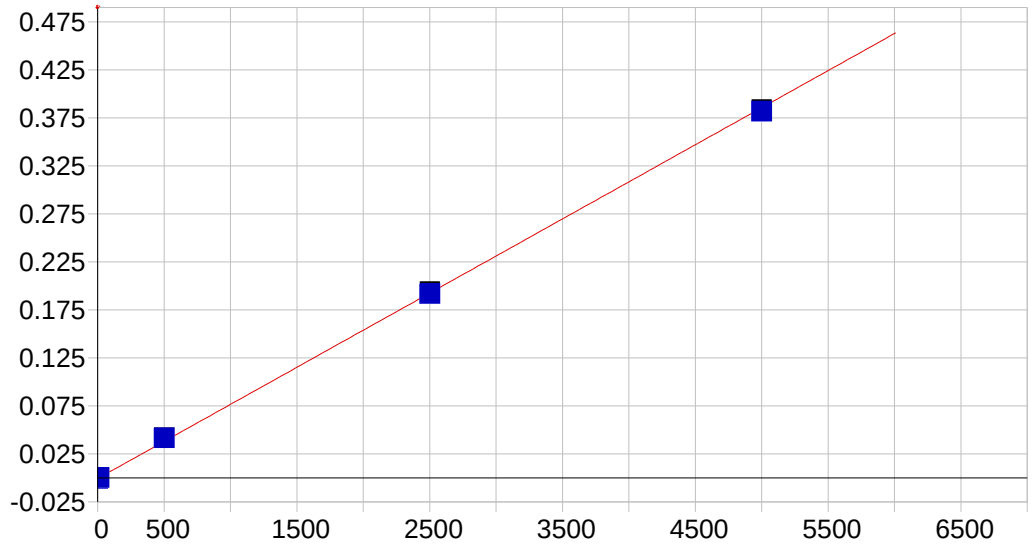


Se 196.090 {472}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000015	Re-Slope:	1.000000
A1 (Gain):	0.000077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999777	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	2.697572		
Predicted MQL:	8.991907		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00048	-.000	.000	-.00002	.000	1
DCAL2	5.0000	5.6384	.638	12.8	.00041	.000	1
DCAL3	500.00	489.94	-10.1	-2.01	.03753	.000	1
DCAL4	2500.0	2429.6	-70.4	-2.82	.18618	.001	1
DCAL5	5000.0	5079.8	79.8	1.60	.38935	.002	1

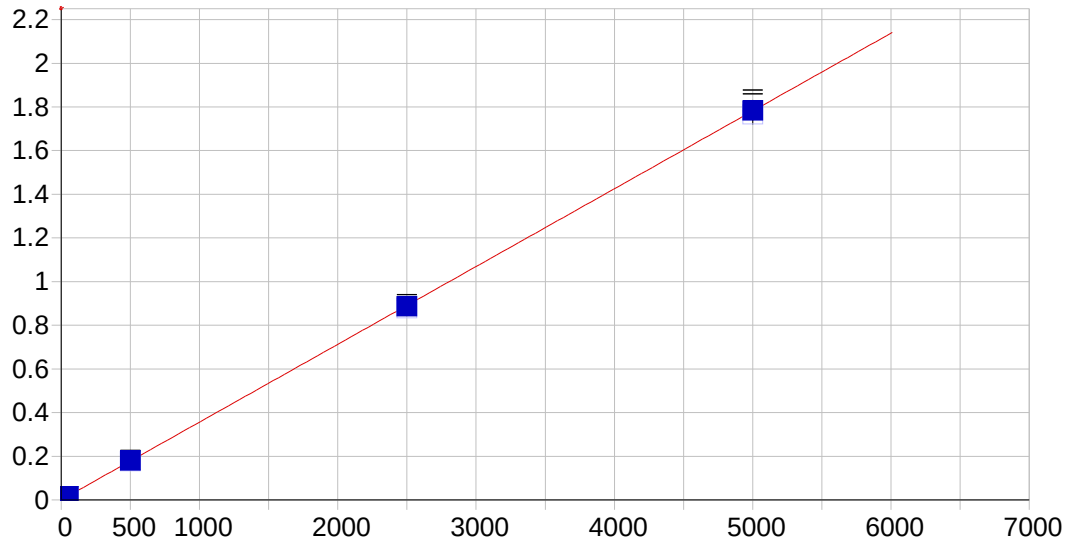


Tl 190.856 {477}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000689	Re-Slope:	1.000000
A1 (Gain):	0.000077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999644	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	2.942411		
Predicted MQL:	9.808036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00332	-.003	.000	-.00069	.000	1
DCAL2	10.000	12.465	2.47	24.7	.00026	.000	1
DCAL3	500.00	548.25	48.2	9.65	.04161	.000	1
DCAL4	2500.0	2495.2	-4.84	-.194	.19179	.002	1
DCAL5	5000.0	4954.2	-45.8	-.917	.38147	.001	1

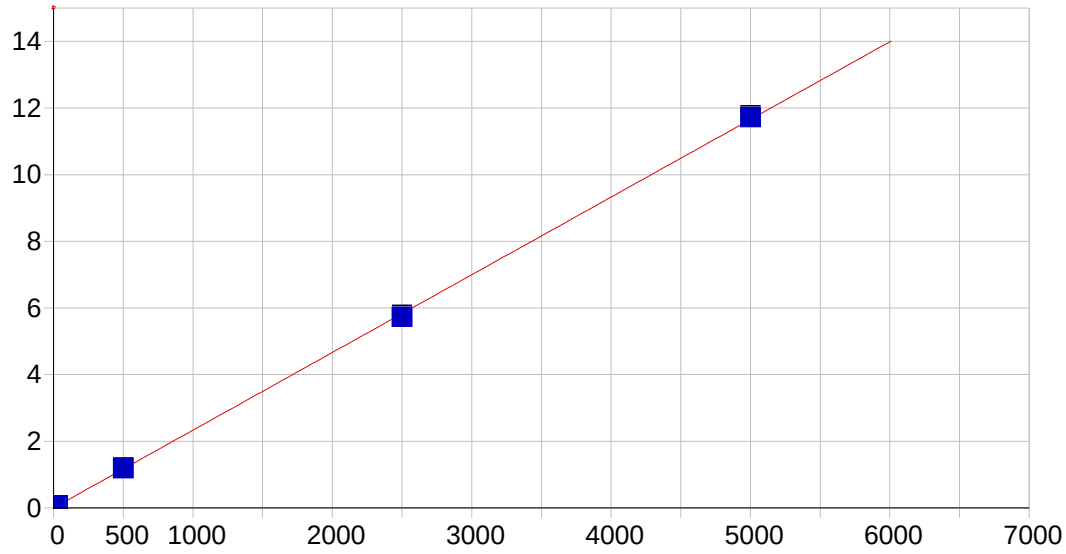


V 292.402 {115}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000182	Re-Slope:	1.000000
A1 (Gain):	0.000356	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.542264		
Predicted MQL:	1.807546		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00032	.000	.000	.00018	.000	1
DCAL2	50.000	49.460	-.540	-1.08	.01776	.000	1
DCAL3	500.00	503.64	3.64	.728	.17785	.002	1
DCAL4	2500.0	2489.0	-11.0	-.439	.87814	.009	1
DCAL5	5000.0	5007.9	7.89	.158	1.7667	.048	1

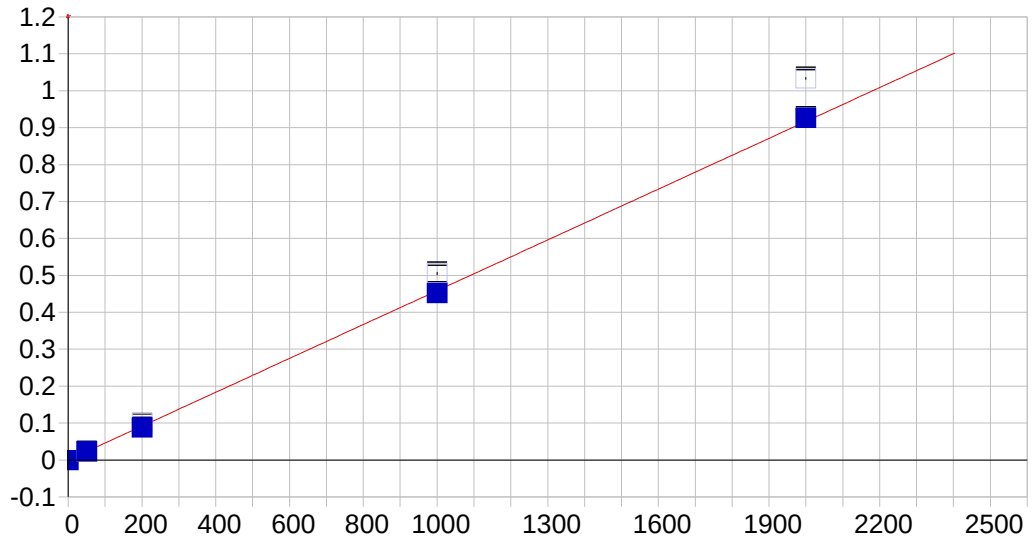


Zn 206.200 {463}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000933	Re-Slope:	1.000000
A1 (Gain):	0.002332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000305		
Predicted MDL:	0.132437		
Predicted MQL:	0.441458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00089	-.001	.000	.00093	.000	1
DCAL2	30.000	31.482	1.48	4.94	.07435	.000	1
DCAL3	500.00	511.17	11.2	2.23	1.1940	.010	1
DCAL4	2500.0	2459.3	-40.7	-1.63	5.7413	.044	1
DCAL5	5000.0	5027.7	27.7	.555	11.736	.035	1
DCAL1	10.000	10.276	.276	2.76	.02490	.000	1

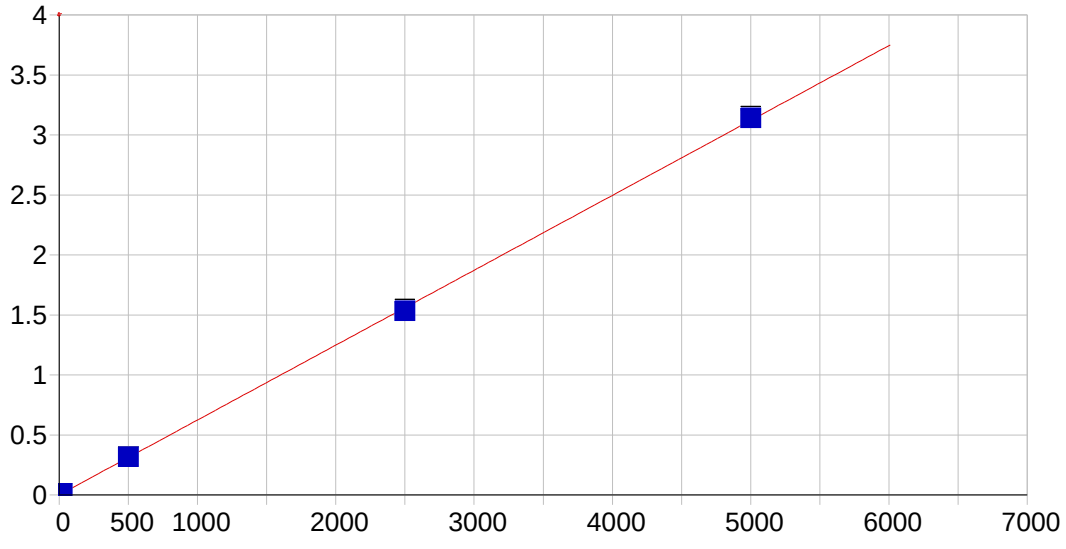


B 208.959 {461}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	0.000458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000117		
Predicted MDL:	0.720478		
Predicted MQL:	2.401592		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00218	.002	.000	-.00002	.000	1
DCAL2	50.000	49.988	-.012	-.025	.02331	.000	1
DCAL3	200.00	191.95	-8.05	-4.02	.09859	.001	1
DCAL4	1000.0	985.70	-14.3	-1.43	.50493	.004	1
DCAL5	2000.0	2022.4	22.4	1.12	1.0332	.003	1

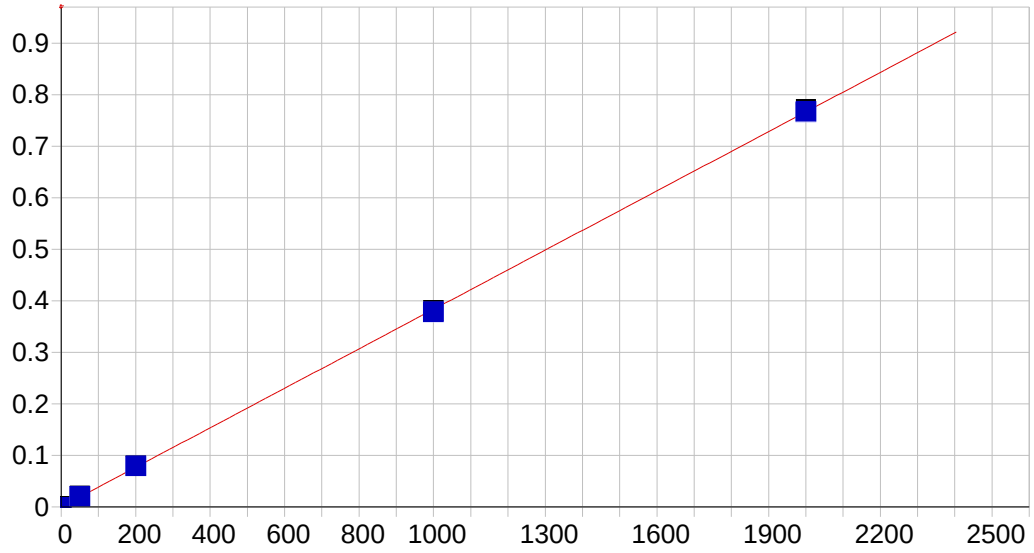


Mo 202.030 {467}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000078	Re-Slope:	1.000000
A1 (Gain):	0.000624	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999934	Status:	OK.
Std Error of Est:	0.000117		
Predicted MDL:	0.376404		
Predicted MQL:	1.254678		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00073	-.001	.000	.00008	.000	1
DCAL2	20.000	20.587	.587	2.93	.01292	.000	1
DCAL3	500.00	508.68	8.68	1.74	.31758	.002	1
DCAL4	2500.0	2458.7	-41.3	-1.65	1.5347	.011	1
DCAL5	5000.0	5032.0	32.0	.641	3.1409	.015	1

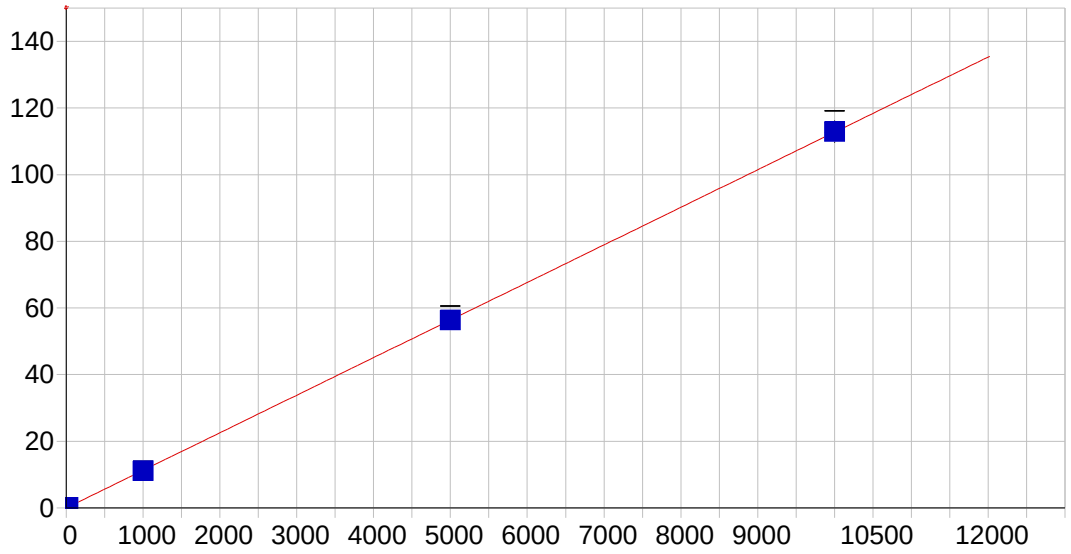


Sn 189.989 {477}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000280	Re-Slope:	1.000000
A1 (Gain):	0.000383	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000082		
Predicted MDL:	0.549123		
Predicted MQL:	1.830411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00396	-.004	.000	.00028	.000	1
DCAL2	50.000	52.772	2.77	5.54	.02050	.000	1
DCAL3	200.00	206.97	6.97	3.48	.07936	.000	1
DCAL4	1000.0	987.54	-12.5	-1.25	.37758	.002	1
DCAL5	2000.0	2002.7	2.71	.135	.76545	.004	1

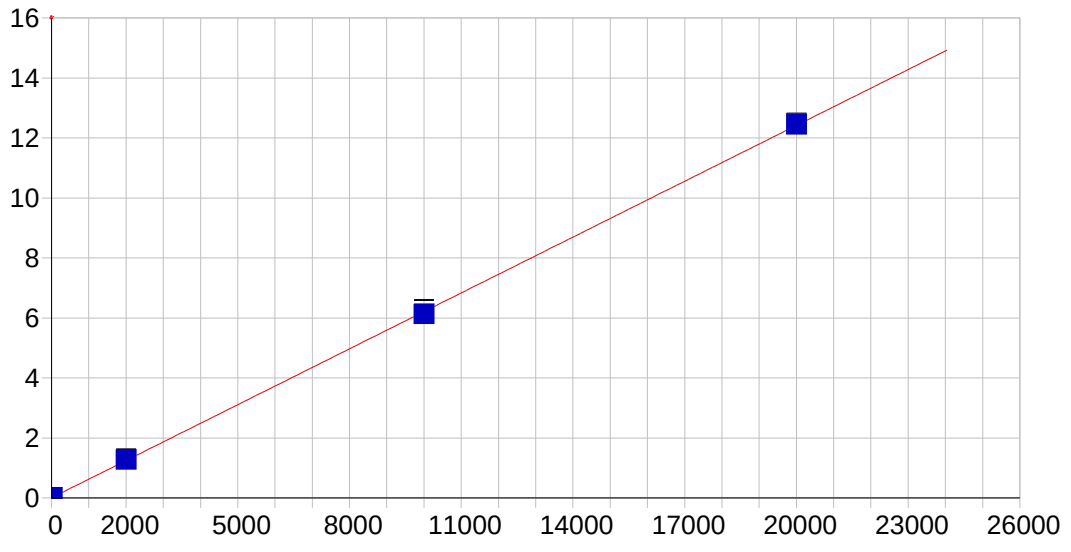


Sr 407.771 { 83}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001487	Re-Slope:	1.000000
A1 (Gain):	0.011275	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.001274		
Predicted MDL:	0.152969		
Predicted MQL:	0.509897		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00130	-.001	.000	.00147	.001	1
DCAL2	20.000	21.583	1.58	7.92	.24513	.004	1
DCAL3	1000.0	984.58	-15.4	-1.54	11.104	.059	1
DCAL4	5000.0	4999.6	-.374	-.007	56.382	1.20	1
DCAL5	10000.	10014.	14.2	.142	112.93	3.29	1

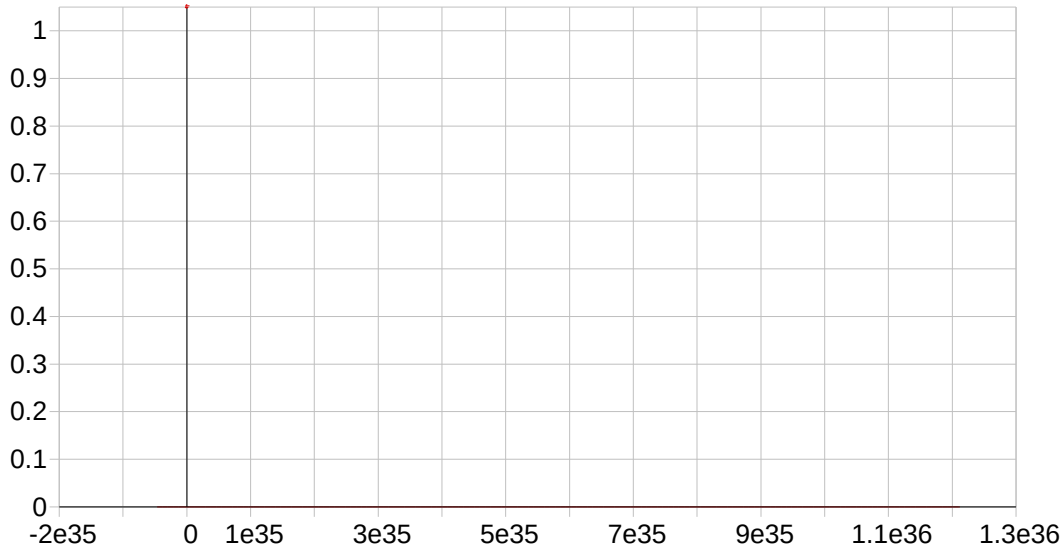


Ti 334.941 {101}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004153	Re-Slope:	1.000000
A1 (Gain):	0.000621	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000212		
Predicted MDL:	1.872930		
Predicted MQL:	6.243101		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00148	-.001	.000	.00415	.001	1
DCAL2	20.000	21.043	1.04	5.22	.01722	.000	1
DCAL3	2000.0	2061.3	61.3	3.07	1.2843	.008	1
DCAL4	10000.	9881.0	-119.	-1.19	6.1405	.128	1
DCAL5	20000.	20057.	56.6	.283	12.460	.026	1

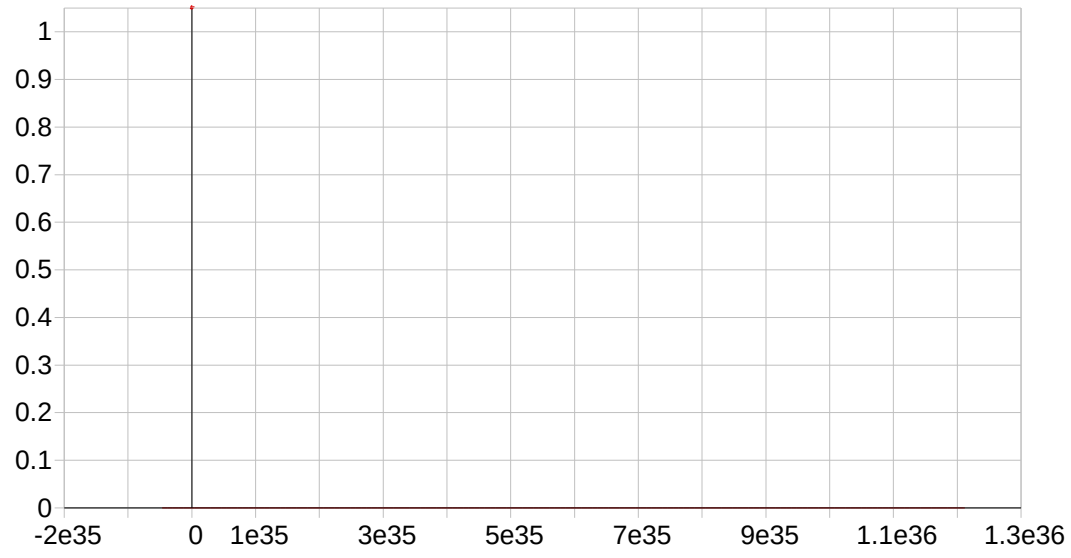


Y 224.306 {450}*

Date of Fit:	9/20/2012 10:30:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

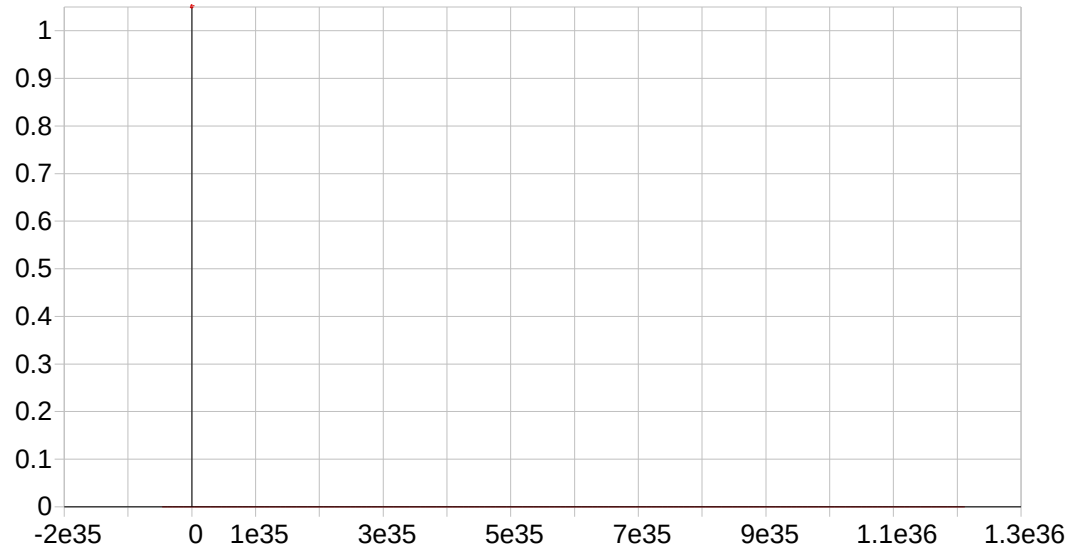


Y 360.073 { 94}*

Date of Fit:	9/20/2012 10:30:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



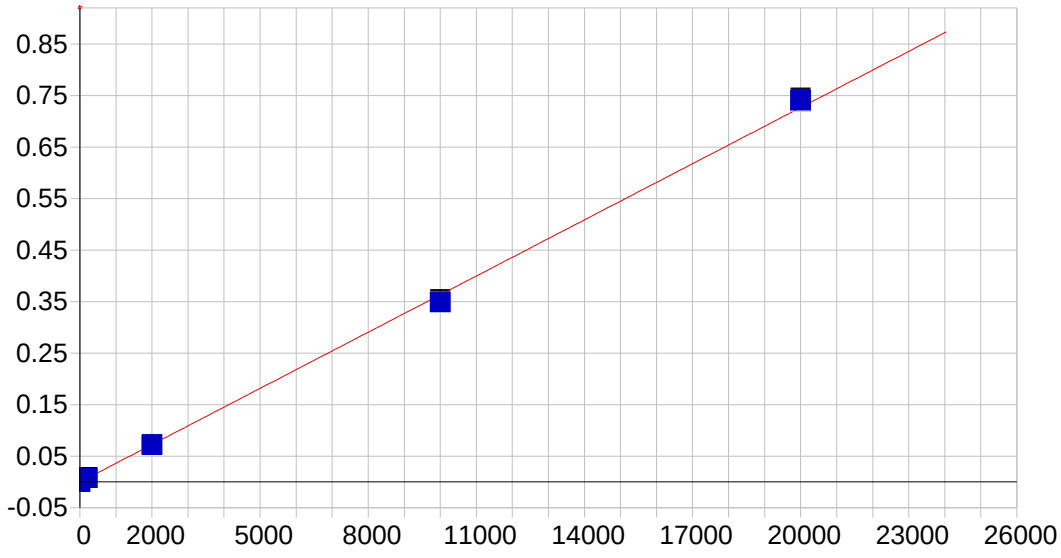
Y 371.030 { 91}*

Date of Fit:	9/20/2012 10:30:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	192.759705				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	9/20/2012 18:02:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000004	Re-Slope:	1.000000
A1 (Gain):	0.000036	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999653	Status:	OK.
Std Error of Est:	0.000099		
Predicted MDL:	21.720128		
Predicted MQL:	72.400428		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00185	-.002	.000	-.00000	.001	1
DCAL2	200.00	207.05	7.05	3.53	.00752	.001	1
DCAL3	2000.0	1985.1	-14.9	-.744	.07185	.001	1
DCAL4	10000.	9621.1	-379.	-3.79	.34818	.004	1
DCAL5	20000.	20387.	387.	1.93	.73795	.004	1

Sample Name: CAL_BLK Acquired: 9/20/2012 17:38:01 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0064**	**.0000**	**-.0000**	**-.0004**	**-.0031**	**.0004**
Stddev	.0019	.0001	.0002	.0005	.0004	.0001
%RSD	29.76	219.1	654.3	114.1	13.63	18.22
#1	-.0070	.0000	-.0001	-.0005	-.0031	.0004
#2	-.0043	-.0000	.0002	-.0008	-.0027	.0004
#3	-.0079	.0001	-.0001	.0001	-.0036	.0003

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	**-.0022**	**.0038**	**.0002**	**.0027**	**.0000**	**.0046**
Stddev	.0003	.0004	.0001	.0003	.0001	.0025
%RSD	14.20	9.955	49.04	11.66	579.7	53.98
#1	-.0022	.0042	.0002	.0027	-.0001	.0017
#2	-.0019	.0038	.0001	.0024	.0001	.0059
#3	-.0026	.0034	.0002	.0030	.0001	.0062

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	**-.0001**	**-.0002**	**-.0186**	**.0006**	**-.0005**	**.0000**
Stddev	.0001	.0001	.0026	.0002	.0005	.0002
%RSD	121.9	39.35	14.09	39.36	86.80	840.8
#1	-.0001	-.0003	-.0165	.0004	-.0004	-.0000
#2	-.0001	-.0001	-.0178	.0008	-.0010	.0002
#3	.0000	-.0001	-.0215	.0007	-.0001	-.0001

Sample Name: CAL_BLK Acquired: 9/20/2012 17:38:01 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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**	**-.0007**	**.0002**	**.0009**	**-.0000**	**.0001**
Stddev	.0001	.0001	.0001	.0001	.0001	.0001
%RSD	683.6	13.49	39.62	6.044	380.5	81.27
#1	-.0000	-.0008	.0003	.0010	-.0001	.0001
#2	-.0001	-.0006	.0001	.0009	.0001	.0001
#3	.0001	-.0007	.0002	.0009	-.0001	.0000

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	**.0003**	**.0015**	**.0042**	**-.0000**
Stddev	.0001	.0013	.0010	.0007
%RSD	25.01	89.17	25.01	16740.
#1	.0002	.0001	.0053	-.0008
#2	.0002	.0027	.0039	.0003
#3	.0004	.0017	.0033	.0005

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	**4132.2**	**39211.**	**3977.9**
Stddev	16.7	508.	30.4
%RSD	.40417	1.2946	.76503
#1	4128.3	39728.	3993.0
#2	4150.6	39192.	3942.8
#3	4117.9	38714.	3997.8

Sample Name: DCAL1 Acquired: 9/20/2012 17:42:20 Type: Cal
Method: SW846_091912(v3) 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	**.0060**	**.0012**	**.0056**	**.0249**
Stddev	.0003	.0002	.0005	.0002
%RSD	5.359	15.45	8.936	.8790
#1	.0057	.0014	.0052	.0248
#2	.0061	.0012	.0054	.0247
#3	.0063	.0010	.0062	.0251

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	**4108.0**	**38840.**	**3952.5**
Stddev	33.4	143.	34.1
%RSD	.81369	.36787	.86354
#1	4143.7	38713.	3935.0
#2	4102.9	38995.	3991.9
#3	4077.4	38813.	3930.8

Sample Name: DCAL2 Acquired: 9/20/2012 17:46:35 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0128**	**.0007**	**.0030**	**.2134**	**.0094**	**.0409**
Stddev	.0006	.0001	.0001	.0005	.0002	.0002
%RSD	4.589	14.31	3.140	.2262	2.157	.5663
#1	.0135	.0008	.0031	.2134	.0092	.0406
#2	.0128	.0007	.0029	.2130	.0094	.0410
#3	.0123	.0006	.0030	.2139	.0096	.0410

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	**.0095**	**.0807**	**.0024**	**.0084**	**.0017**	**.4621**
Stddev	.0002	.0003	.0001	.0004	.0001	.0068
%RSD	1.839	.4011	3.897	4.196	3.735	1.476
#1	.0093	.0803	.0024	.0086	.0018	.4590
#2	.0096	.0809	.0025	.0086	.0017	.4573
#3	.0095	.0809	.0024	.0080	.0017	.4699

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	**.1784**	**.0218**	**1.742**	**.0202**	**.0007**	**.0014**
Stddev	.0017	.0002	.010	.0002	.0001	.0003
%RSD	.9804	.8952	.5663	.9205	17.28	20.09
#1	.1803	.0219	1.734	.0200	.0008	.0016
#2	.1778	.0219	1.739	.0204	.0006	.0011
#3	.1770	.0216	1.753	.0203	.0008	.0014

Sample Name: DCAL2 Acquired: 9/20/2012 17:46:35 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.0004**	**.0003**	**.0178**	**.0744**	**.0233**	**.0129**
Stddev	.0001	.0001	.0001	.0003	.0002	.0003
%RSD	34.31	48.21	.6711	.4644	1.021	2.053
#1	.0003	.0003	.0179	.0742	.0231	.0132
#2	.0003	.0001	.0177	.0741	.0235	.0126
#3	.0006	.0003	.0177	.0748	.0233	.0129

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	**.0205**	**.2451**	**.0172**	**.0075**
Stddev	.0001	.0041	.0003	.0010
%RSD	.6217	1.663	1.918	13.24
#1	.0204	.2425	.0171	.0087
#2	.0205	.2431	.0176	.0069
#3	.0206	.2498	.0170	.0070

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	**4070.9**	**38273.**	**3955.9**
Stddev	13.5	172.	45.5
%RSD	.33095	.44887	1.1502
#1	4082.5	38099.	4004.3
#2	4074.0	38277.	3949.5
#3	4056.1	38443.	3913.9

Sample Name: DCAL3 Acquired: 9/20/2012 17:50:45 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.429**	**.0640**	**.0798**	**2.113**	**1.216**	**.2014**
Stddev	.013	.0008	.0007	.018	.010	.0017
%RSD	.5334	1.238	.8402	.8426	.7867	.8655
#1	2.441	.0649	.0795	2.127	1.226	.2030
#2	2.415	.0633	.0793	2.093	1.207	.1996
#3	2.432	.0639	.0805	2.119	1.215	.2017

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	**.7069**	**.7633**	**.2092**	**.4886**	**.2077**	**.9173**
Stddev	.0055	.0059	.0012	.0011	.0017	.0055
%RSD	.7823	.7680	.5673	.2343	.8331	.5957
#1	.7113	.7679	.2091	.4899	.2082	.9167
#2	.7007	.7567	.2081	.4877	.2058	.9122
#3	.7088	.7653	.2105	.4882	.2092	.9231

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	**.8691**	**1.368**	**8.709**	**.2404**	**.3805**	**.0253**
Stddev	.0050	.009	.029	.0016	.0027	.0003
%RSD	.5755	.6549	.3280	.6736	.7128	1.010
#1	.8683	1.368	8.728	.2418	.3825	.0253
#2	.8646	1.360	8.676	.2386	.3774	.0250
#3	.8745	1.377	8.723	.2408	.3816	.0255

Sample Name: DCAL3 Acquired: 9/20/2012 17:50:45 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.0375**	**.0416**	**.1779**	**1.194**	**.0986**	**.3176**
Stddev	.0004	.0003	.0017	.010	.0009	.0023
%RSD	1.191	.7951	.9293	.8316	.9452	.7214
#1	.0380	.0418	.1775	1.202	.0993	.3191
#2	.0371	.0412	.1764	1.183	.0975	.3149
#3	.0375	.0418	.1796	1.197	.0990	.3187

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	**.0794**	**11.10**	**1.284**	**.0718**
Stddev	.0004	.06	.008	.0007
%RSD	.5309	.5301	.6195	1.039
#1	.0799	11.15	1.290	.0723
#2	.0791	11.04	1.275	.0710
#3	.0791	11.13	1.288	.0723

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	**3976.5**	**37127.**	**3907.2**
Stddev	26.0	129.	6.2
%RSD	.65403	.34755	.15882
#1	3959.5	37189.	3903.5
#2	4006.4	37214.	3914.4
#3	3963.6	36979.	3903.7

Sample Name: DCAL4 Acquired: 9/20/2012 17:54:46 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11.79**	**.3213**	**.3999**	**10.06**	**6.063**	**.9972**
Stddev	.22	.0029	.0039	.07	.120	.0114
%RSD	1.891	.9124	.9784	.6551	1.985	1.144
#1	11.89	.3180	.4043	9.995	6.128	1.008
#2	11.95	.3237	.3983	10.13	6.137	.9856
#3	11.54	.3222	.3970	10.07	5.924	.9978

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	**3.401**	**3.612**	**1.079**	**2.450**	**1.012**	**4.418**
Stddev	.022	.030	.009	.048	.009	.079
%RSD	.6348	.8271	.8781	1.964	.8930	1.785
#1	3.377	3.578	1.090	2.478	1.023	4.454
#2	3.420	3.635	1.073	2.478	1.008	4.472
#3	3.404	3.623	1.075	2.395	1.007	4.327

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	**4.268**	**6.858**	**40.96**	**1.139**	**1.856**	**.1241**
Stddev	.037	.064	.68	.009	.011	.0014
%RSD	.8650	.9356	1.671	.8127	.6141	1.104
#1	4.311	6.932	41.26	1.129	1.845	.1225
#2	4.248	6.829	41.44	1.147	1.867	.1249
#3	4.245	6.814	40.17	1.141	1.856	.1249

Sample Name: DCAL4 Acquired: 9/20/2012 17:54:46 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.1862**	**.1918**	**.8781**	**5.741**	**.5049**	**1.535**
Stddev	.0011	.0017	.0094	.044	.0044	.011
%RSD	.5909	.8653	1.065	.7737	.8733	.7220
#1	.1849	.1899	.8889	5.692	.4999	1.522
#2	.1869	.1931	.8738	5.778	.5081	1.544
#3	.1867	.1924	.8717	5.754	.5068	1.538

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	**.3776**	**56.38**	**6.141**	**.3482**
Stddev	.0025	1.20	.128	.0039
%RSD	.6578	2.125	2.090	1.122
#1	.3751	57.07	6.207	.3500
#2	.3801	57.07	6.222	.3509
#3	.3775	55.00	5.993	.3437

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	**3747.2**	**34549.**	**3887.2**
Stddev	17.7	291.	31.8
%RSD	.47339	.84086	.81831
#1	3762.1	34223.	3884.4
#2	3727.6	34643.	3856.8
#3	3752.0	34781.	3920.2

Sample Name: DCAL5 Acquired: 9/20/2012 17:58:39 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**24.28**	**.6732**	**.8163**	**20.36**	**12.26**	**2.043**
Stddev	.09	.0023	.0215	.10	.04	.003
%RSD	.3617	.3449	2.638	.4971	.3185	.1364
#1	24.38	.6714	.8147	20.27	12.30	2.045
#2	24.23	.6724	.7957	20.34	12.23	2.043
#3	24.22	.6758	.8386	20.47	12.24	2.040

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	**6.958**	**7.343**	**2.159**	**4.998**	**2.016**	**9.071**
Stddev	.037	.013	.056	.014	.052	.025
%RSD	.5262	.1797	2.580	.2825	2.604	.2753
#1	6.925	7.334	2.160	5.012	2.016	9.084
#2	6.951	7.337	2.103	4.984	1.964	9.043
#3	6.998	7.358	2.214	4.997	2.069	9.088

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	**8.499**	**13.43**	**81.10**	**2.306**	**3.745**	**.2580**
Stddev	.217	.19	.05	.004	.019	.0010
%RSD	2.557	1.419	.0616	.1737	.5111	.3761
#1	8.499	13.27	81.15	2.302	3.728	.2574
#2	8.282	13.38	81.05	2.304	3.740	.2575
#3	8.716	13.64	81.11	2.310	3.766	.2591

Sample Name: DCAL5 Acquired: 9/20/2012 17:58:39 Type: Cal
Method: SW846_091912(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.3894**	**.3815**	**1.767**	**11.74**	**1.033**	**3.141**
Stddev	.0021	.0013	.048	.04	.003	.015
%RSD	.5300	.3281	2.722	.2991	.3317	.4636
#1	.3872	.3807	1.764	11.71	1.031	3.127
#2	.3895	.3807	1.720	11.72	1.032	3.140
#3	.3913	.3829	1.816	11.78	1.037	3.156

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	**.7655**	**112.9**	**12.46**	**.7379**
Stddev	.0039	3.3	.03	.0041
%RSD	.5159	2.910	.2066	.5550
#1	.7621	109.2	12.49	.7423
#2	.7645	115.5	12.44	.7341
#3	.7698	114.1	12.45	.7375

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	**3554.9**	**33444.**	**3827.6**
Stddev	5.4	555.	12.5
%RSD	.15203	1.6602	.32760
#1	3558.4	33472.	3831.7
#2	3557.7	33984.	3813.5
#3	3548.7	32875.	3837.5

Sample Name: CCV Acquired: 9/20/2012 18:02:48 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126100.**	**2445.**	**1231.**	**9869.**	**1018.**	**123400.**
Stddev	756.	68.	14.	271.	6.	2746.
%RSD	.5991	2.778	1.174	2.749	.5887	2.226
#1	125800.	2367.	1220.	9556.	1015.	120300.
#2	125600.	2475.	1226.	10030.	1013.	125500.
#3	127000.	2492.	1248.	10030.	1024.	124500.
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.**	**2446.**	**4966.**	**12770.**	**99350.**	**51270.**
Stddev	33.	68.	55.	67.	1176.	375.
%RSD	2.670	2.794	1.113	.5206	1.184	.7322
#1	1200.	2367.	4929.	12750.	98590.	50910.
#2	1257.	2482.	4939.	12720.	98760.	51230.
#3	1258.	2488.	5029.	12850.	100700.	51660.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 18:02:48 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**123900.**	**5049.**	**129300.**	**2469.**	**7534.**	**974.6**
Stddev	1352.	55.	677.	68.	202.	32.1
%RSD	1.092	1.095	.5235	2.767	2.677	3.297
#1	123000.	5010.	128900.	2391.	7302.	937.5
#2	123300.	5026.	128900.	2505.	7637.	991.5
#3	125400.	5113.	130100.	2513.	7663.	994.8
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	**2431.**	**2500.**	**2465.**	**2432.**	**971.8**	**2476.**
Stddev	70.	70.	27.	68.	28.3	69.
%RSD	2.864	2.808	1.097	2.811	2.916	2.798
#1	2351.	2419.	2443.	2353.	939.1	2396.
#2	2468.	2541.	2458.	2469.	986.6	2515.
#3	2474.	2540.	2495.	2473.	989.5	2517.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 18:02:48 Type: QC
Method: SW846_091912(v3) 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**	**5214.**	**10310.**	**9610.**
Stddev	27.1	25.	51.	205.
%RSD	2.733	.4736	.4974	2.135
#1	959.8	5202.	10290.	9373.
#2	1006.	5197.	10270.	9721.
#3	1008.	5242.	10370.	9735.
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	**3800.9**	**35217.**	**3836.2**
Stddev	73.0	234.	20.6
%RSD	1.9213	.66459	.53794
#1	3885.2	35392.	3858.7
#2	3758.0	35308.	3831.8
#3	3759.5	34951.	3818.1

Sample Name: CCB Acquired: 9/20/2012 18:06:40 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15.66**	**.7471**	**.4812**	**.5749**	**.1414**	**21.59**
Stddev	33.28	.4786	.4127	.4911	.2660	25.69
%RSD	212.5	64.07	85.76	85.43	188.0	119.0
#1	36.31	1.267	.1634	.9953	.4485	50.78
#2	33.41	.3244	.3326	.6943	-.0064	2.442
#3	-22.73	.6501	.9476	.0350	-.0177	11.54
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	**.1254**	**-.0703**	**.9028**	**8.960**	**19.98**	**204.1**
Stddev	.2264	.0885	.3867	7.162	5.96	102.5
%RSD	180.5	126.0	42.83	79.93	29.83	50.22
#1	.2951	-.0941	1.177	14.44	15.26	318.3
#2	.2129	-.1444	.4605	.8568	26.68	173.9
#3	-.1316	.0277	1.071	11.58	18.00	120.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 18:06:40 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10.47**	**.6089**	**98.02**	**.9471**	**.2508**	**4.351**
Stddev	10.01	.3450	77.03	.2608	1.449	1.080
%RSD	95.58	56.65	78.59	27.54	577.7	24.82
#1	22.03	1.007	183.6	.6614	.8440	3.942
#2	4.816	.4158	76.03	1.007	-1.401	5.576
#3	4.571	.4038	34.37	1.172	1.309	3.536
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	**1.121**	**1.122**	**-.1240**	**.0778**	**2.589**	**.9961**
Stddev	1.882	3.863	.4818	.1385	1.467	.8870
%RSD	167.9	344.3	388.4	178.1	56.68	89.05
#1	2.576	2.822	.4183	.1652	4.169	1.979
#2	1.791	3.843	-.2883	.1502	2.328	.7534
#3	-1.004	-3.300	-.5022	-.0819	1.269	.2556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 18:06:40 Type: QC
Method: SW846_091912(v3) 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	**-.2447**	**.8523**	**1.812**	**-4.780**
Stddev	.4646	1.141	2.475	8.155
%RSD	189.8	133.9	136.6	170.6
#1	.1454	2.166	4.340	2.944
#2	-.1209	.2806	-.6056	-3.977
#3	-.7587	.1103	1.702	-13.31
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	**4085.3**	**38616.**	**3921.9**
Stddev	28.1	597.	27.3
%RSD	.68703	1.5461	.69670
#1	4098.6	39305.	3890.4
#2	4104.2	38301.	3936.0
#3	4053.0	38242.	3939.3

Sample Name: ICSA 1552029 Acquired: 9/20/2012 18:10:55 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**512200.**	**-3.319**	**-1.437**	**-.0444**	**-.2035**	**479000.**
Stddev	4317.	1.196	.568	.1588	.1175	2501.
%RSD	.8429	36.03	39.51	357.6	57.77	.5221
#1	510400.	-4.589	-1.970	.0698	-.2281	479800.
#2	517100.	-2.214	-1.499	.0227	-.3067	481100.
#3	509000.	-3.156	-.8404	-.2258	-.0756	476300.
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	**-1.377**	**-.9521**	**.9747**	**5.166**	**200600.**	**443.0**
Stddev	.140	.3376	.4366	4.431	290.	147.8
%RSD	10.18	35.46	44.79	85.77	.1444	33.36
#1	-1.538	-1.282	.4707	1.037	200700.	438.0
#2	-1.281	-.9665	1.216	9.847	200900.	593.2
#3	-1.313	-.6075	1.237	4.614	200300.	297.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 9/20/2012 18:10:55 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**497100.**	**-.4650**	**105.0**	**-3.058**	**3.611**	**-.0545**
Stddev	4627.	.1205	60.1	.191	.989	1.277
%RSD	.9309	25.92	57.25	6.237	27.40	2344.
#1	493700.	-.5328	35.59	-2.848	2.521	.7241
#2	495200.	-.3258	139.3	-3.104	3.857	.6410
#3	502300.	-.5364	140.1	-3.221	4.454	-1.529
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	**-3.559**	**-.7904**	**.1904**	**.7239**	**1.423**	**-.9133**
Stddev	2.881	3.609	.3233	.1698	.725	.3279
%RSD	80.95	456.6	169.8	23.46	50.96	35.90
#1	-2.216	3.356	-.0324	.7654	1.842	-.9711
#2	-6.866	-3.228	.5612	.5372	1.842	-1.209
#3	-1.595	-2.499	.0424	.8692	.5859	-.5604
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 9/20/2012 18:10:55 Type: QC
Method: SW846_091912(v3) 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	**-3.451**	**-.2427**	**1.844**	**16.91**
Stddev	.649	.2959	1.821	14.19
%RSD	18.82	121.9	98.74	83.94
#1	-4.070	-.3577	.7317	10.08
#2	-2.775	.0935	3.945	7.422
#3	-3.507	-.4638	.8549	33.22
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	**3629.5**	**33019.**	**3793.8**
Stddev	18.6	111.	52.0
%RSD	.51246	.33566	1.3717
#1	3648.4	32927.	3831.3
#2	3611.2	33142.	3734.4
#3	3628.7	32988.	3815.8

Sample Name: ICSAB 1604491 Acquired: 9/20/2012 18:15:09 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**513900.**	**92.47**	**102.1**	**97.89**	**100.8**	**474800.**
Stddev	3875.	.68	1.1	.28	1.1	2653.
%RSD	.7540	.7363	1.032	.2856	1.094	.5587
#1	518300.	92.69	101.2	97.70	102.0	471800.
#2	512500.	91.70	103.2	97.76	100.4	475700.
#3	510900.	93.00	101.8	98.21	99.90	476900.
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	**94.87**	**94.81**	**100.3**	**107.7**	**199600.**	**10970.**
Stddev	.28	1.04	.8	2.5	788.	88.
%RSD	.2914	1.096	.7583	2.327	.3948	.8017
#1	94.67	93.87	99.68	105.7	199200.	11050.
#2	94.76	94.64	101.1	110.5	200600.	10980.
#3	95.19	95.93	99.98	106.9	199200.	10870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 9/20/2012 18:15:09 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**101.0**	**11030.**	**92.65**	**98.19**	**94.68**
Stddev	1864.	.6	97.	.74	1.03	9.21
%RSD	.3723	.5717	.8755	.7973	1.045	9.729
#1	502700.	100.7	11140.	91.89	97.08	89.68
#2	499400.	101.7	10990.	92.71	98.37	89.05
#3	499700.	100.7	10960.	93.36	99.11	105.3
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	**93.88**	**90.38**	**99.46**	**95.95**	**94.90**	**95.57**
Stddev	2.95	2.11	.28	.48	.65	.97
%RSD	3.141	2.337	.2841	.4961	.6806	1.010
#1	90.50	92.81	99.17	95.43	95.58	94.46
#2	95.22	89.32	99.73	96.07	94.29	96.05
#3	95.92	89.00	99.47	96.36	94.82	96.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 9/20/2012 18:15:09 Type: QC
Method: SW846_091912(v3) 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	**92.50**	**102.7**	**104.7**	**47.67**
Stddev	.61	1.0	3.5	9.54
%RSD	.6602	.9469	3.329	20.02
#1	92.07	103.7	106.8	57.49
#2	92.23	102.4	100.7	47.09
#3	93.20	101.9	106.7	38.44
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	**3631.5**	**32921.**	**3734.0**
Stddev	24.3	133.	40.9
%RSD	.67007	.40349	1.0940
#1	3658.7	33063.	3687.1
#2	3623.7	32801.	3752.9
#3	3612.0	32898.	3762.0

Sample Name: INT-10 1717509 Acquired: 9/20/2012 18:19:19 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8263**	**-.2297**	**-4.591**	**-1.666**	**-.6195**	**21.90**
Stddev	12.42	.8218	.594	.110	.0766	9.67
%RSD	1503.	357.7	12.93	6.613	12.36	44.15
#1	-11.22	.0897	-4.326	-1.789	-.7049	33.06
#2	13.59	-1.163	-4.176	-1.578	-.5570	16.04
#3	.1139	.3844	-5.271	-1.629	-.5966	16.60
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	**-1.291**	**10540.**	**10300.**	**6.321**	**-5.373**	**45.55**
Stddev	.192	139.	163.	.791	17.65	46.48
%RSD	14.87	1.319	1.578	12.52	328.6	102.1
#1	-1.069	10700.	10330.	5.980	-17.69	17.39
#2	-1.409	10470.	10130.	7.225	-13.29	20.05
#3	-1.393	10450.	10450.	5.756	14.85	99.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1717509 Acquired: 9/20/2012 18:19:19 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3.005**	**10320.**	**49.17**	**10530.**	**-3.101**	**-1.194**
Stddev	14.02	207.	14.06	134.	1.439	3.261
%RSD	466.7	2.001	28.59	1.270	46.41	273.0
#1	18.05	10420.	65.24	10690.	-3.984	2.083
#2	.6577	10080.	39.14	10470.	-1.440	-1.229
#3	-9.697	10460.	43.13	10450.	-3.880	-4.437
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	**4.055**	**.5192**	**4887.**	**-3.372**	**-1.197**	**4995.**
Stddev	1.595	1.715	78.	.017	.487	53.
%RSD	39.33	330.4	1.591	.5062	40.65	1.063
#1	5.712	.5671	4890.	-3.369	-.8298	5056.
#2	2.531	-1.220	4809.	-3.390	-1.013	4961.
#3	3.921	2.210	4964.	-3.357	-1.749	4968.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1717509 Acquired: 9/20/2012 18:19:19 Type: QC
Method: SW846_091912(v3) 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	**10390.**	**9944.**	**9906.**	**9482.**
Stddev	118.	226.	242.	124.
%RSD	1.139	2.277	2.444	1.312
#1	10530.	9683.	9627.	9374.
#2	10320.	10090.	10050.	9453.
#3	10330.	10060.	10040.	9618.
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	**4073.6**	**38483.**	**3996.0**
Stddev	49.4	450.	38.2
%RSD	1.2116	1.1685	.95632
#1	4017.2	38151.	4036.1
#2	4108.8	38995.	3960.0
#3	4094.7	38304.	3991.8

Sample Name: 460-44823-a-1-b du@4 Acquired: 9/20/2012 18:23:43 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24380.**	**11.87**	**-.3824**	**107.6**	**1.025**	**7055.**
Stddev	178.	1.52	.1729	.2	.083	111.
%RSD	.7313	12.77	45.21	.2255	8.076	1.574
#1	24180.	12.96	-.4087	107.7	.9525	6967.
#2	24440.	12.51	-.5407	107.7	1.115	7019.
#3	24530.	10.14	-.1979	107.3	1.008	7180.
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	**.0946**	**11.99**	**42.36**	**42.00**	**44020.**	**1921.**
Stddev	.1396	.37	.45	4.06	247.	58.
%RSD	147.5	3.077	1.058	9.663	.5604	3.000
#1	.0734	12.23	41.85	43.45	43910.	1870.
#2	.2436	12.19	42.58	37.42	44310.	1908.
#3	-.0332	11.57	42.66	45.14	43860.	1984.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44823-a-1-b du@4 Acquired: 9/20/2012 18:23:43 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3988.**	**230.4**	**590.6**	**23.56**	**124.9**	**4.974**
Stddev	9.	1.1	8.5	.65	1.1	1.920
%RSD	.2178	.4668	1.447	2.760	.8663	38.60
#1	3986.	229.9	580.7	23.36	124.0	5.230
#2	3997.	231.6	595.3	24.28	124.6	6.752
#3	3980.	229.7	595.8	23.03	126.1	2.939
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	**1.782**	**.8003**	**48.30**	**120.3**	**10.19**	**3.392**
Stddev	1.831	4.336	.54	.2	.61	1.200
%RSD	102.8	541.7	1.119	.1280	5.972	35.37
#1	.1106	5.486	47.81	120.3	10.75	4.718
#2	3.739	-3.070	48.88	120.4	10.28	3.075
#3	1.496	-.0147	48.21	120.1	9.541	2.382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44823-a-1-b du@4 Acquired: 9/20/2012 18:23:43 Type: Unk
Method: SW846_091912(v3) 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	**6.870**	**46.56**	**197.3**	**824.6**
Stddev	.392	.00	.9	17.1
%RSD	5.703	.0091	.4643	2.078
#1	6.838	46.57	196.7	805.5
#2	6.495	46.56	198.3	838.6
#3	7.277	46.56	196.8	829.5
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	**4093.0**	**38903.**	**4003.1**
Stddev	10.7	124.	4.5
%RSD	.26155	.31844	.11118
#1	4096.3	38870.	4008.2
#2	4101.6	38800.	4001.0
#3	4081.0	39041.	4000.0

Sample Name: 460-44823-a-1-a@4 Acquired: 9/20/2012 18:27:52 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24250.**	**13.13**	**-.9511**	**106.7**	**.8738**	**6930.**
Stddev	193.	.83	.6746	.2	.1290	33.
%RSD	.7938	6.305	70.93	.2029	14.76	.4698
#1	24050.	13.69	-1.726	106.8	1.002	6958.
#2	24250.	12.18	-.4961	106.7	.7442	6894.
#3	24440.	13.51	-.6310	106.4	.8751	6938.
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	**.1061**	**11.59**	**41.56**	**42.74**	**43240.**	**1955.**
Stddev	.0874	.15	.34	2.02	340.	43.
%RSD	82.37	1.251	.8183	4.735	.7851	2.175
#1	.1699	11.76	41.95	43.11	43610.	1906.
#2	.1419	11.54	41.37	40.56	42960.	1977.
#3	.0065	11.48	41.35	44.56	43140.	1982.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44823-a-1-a@4 Acquired: 9/20/2012 18:27:52 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3918.**	**225.4**	**569.6**	**22.79**	**124.3**	**4.227**
Stddev	30.	1.7	9.8	.27	1.4	1.787
%RSD	.7747	.7648	1.729	1.198	1.086	42.27
#1	3953.	227.3	571.0	23.05	122.8	5.261
#2	3897.	224.0	578.6	22.80	125.5	5.255
#3	3905.	224.9	559.1	22.51	124.5	2.164
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	**.1231**	**1.769**	**47.62**	**118.2**	**10.39**	**1.417**
Stddev	3.679	1.836	1.01	.5	.24	.175
%RSD	2988.	103.8	2.122	.4240	2.303	12.37
#1	-3.472	1.062	48.68	118.8	10.26	1.346
#2	3.880	.3905	46.66	117.9	10.67	1.617
#3	-.0390	3.853	47.51	118.0	10.24	1.289
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44823-a-1-a@4 Acquired: 9/20/2012 18:27:52 Type: Unk
Method: SW846_091912(v3) 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	**6.433**	**45.87**	**195.9**	**822.7**
Stddev	.455	.19	6.2	19.4
%RSD	7.064	.4127	3.163	2.359
#1	5.913	45.69	197.4	800.4
#2	6.753	45.84	189.1	832.6
#3	6.634	46.07	201.2	835.2
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	**4102.2**	**39057.**	**4007.3**
Stddev	5.4	292.	24.1
%RSD	.13050	.74666	.60138
#1	4099.9	38722.	3999.3
#2	4098.3	39193.	4034.4
#3	4108.3	39255.	3988.3

Sample Name: sd 460-44823-a-1-a@2 Acquired: 9/20/2012 18:32:01 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4839.**	**3.003**	**-.8632**	**21.02**	**.0738**	**1361.**
Stddev	24.	2.002	.2758	.28	.0698	16.
%RSD	.4903	66.67	31.95	1.338	94.62	1.144
#1	4866.	4.200	-.6503	20.76	.0824	1351.
#2	4820.	4.117	-1.175	21.00	.1389	1379.
#3	4832.	.6916	-.7645	21.32	.0001	1353.
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	**-.0040**	**2.225**	**8.125**	**10.28**	**8708.**	**428.5**
Stddev	.0797	.178	.551	.73	113.	52.3
%RSD	1973.	8.018	6.780	7.076	1.297	12.21
#1	.0587	2.145	8.758	10.88	8837.	383.7
#2	.0228	2.101	7.860	9.471	8629.	486.0
#3	-.0937	2.430	7.757	10.51	8658.	415.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44823-a-1-a@2 Acquired: 9/20/2012 18:32:01 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**801.9**	**45.66**	**108.2**	**4.595**	**24.51**	**2.570**
Stddev	10.6	.45	5.5	.470	.24	.679
%RSD	1.318	.9905	5.080	10.23	.9701	26.41
#1	813.3	46.13	104.9	4.056	24.58	3.298
#2	792.4	45.23	105.1	4.916	24.25	1.954
#3	800.0	45.63	114.5	4.814	24.71	2.458
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	**1.072**	**3.217**	**9.494**	**23.71**	**2.514**	**.0629**
Stddev	1.105	1.257	.065	.35	.478	.2361
%RSD	103.1	39.07	.6843	1.494	19.01	375.4
#1	1.491	2.766	9.537	23.64	2.921	.2426
#2	-.1821	2.248	9.526	23.40	2.635	-.2045
#3	1.906	4.637	9.419	24.09	1.988	.1507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44823-a-1-a@2 Acquired: 9/20/2012 18:32:01 Type: Unk
Method: SW846_091912(v3) 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	**1.014**	**9.203**	**38.66**	**159.0**
Stddev	.204	.157	1.42	12.1
%RSD	20.14	1.700	3.672	7.614
#1	1.186	9.046	39.59	154.6
#2	1.068	9.203	37.02	172.7
#3	.7883	9.359	39.37	149.8
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	**4111.0**	**38974.**	**3946.9**
Stddev	37.6	504.	26.5
%RSD	.91474	1.2931	.67031
#1	4129.5	38458.	3923.9
#2	4135.9	39465.	3975.8
#3	4067.8	39001.	3941.0

Sample Name: 460-44823-a-1-c ms@4 Acquired: 9/20/2012 18:36:12 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30800.**	**935.9**	**22.51**	**1100.**	**25.40**	**14070.**
Stddev	636.	1.3	.82	5.	.47	98.
%RSD	2.064	.1373	3.625	.4536	1.853	.6951
#1	30340.	934.7	23.44	1105.	25.11	14050.
#2	30530.	937.3	22.13	1098.	25.14	14180.
#3	31520.	935.7	21.95	1095.	25.94	13990.
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	**24.45**	**255.8**	**147.1**	**161.2**	**47550.**	**11920.**
Stddev	.06	.9	4.0	2.2	1166.	214.
%RSD	.2444	.3482	2.713	1.343	2.452	1.795
#1	24.51	256.8	151.5	163.4	48800.	11710.
#2	24.46	255.1	143.7	161.0	46490.	11900.
#3	24.39	255.4	146.1	159.1	47370.	12140.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44823-a-1-c ms@4 Acquired: 9/20/2012 18:36:12 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**14150.**	**485.4**	**10600.**	**272.2**	**375.7**	**186.8**
Stddev	326.	11.3	209.	.5	2.5	2.5
%RSD	2.302	2.318	1.974	.1755	.6530	1.313
#1	14490.	497.5	10430.	272.2	377.0	188.8
#2	13840.	475.1	10530.	271.7	377.2	187.5
#3	14110.	483.7	10830.	272.6	372.9	184.1
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	**894.4**	**1037.**	**293.3**	**364.1**	**247.0**	**239.5**
Stddev	3.8	5.	6.8	1.4	1.3	.8
%RSD	.4303	.5009	2.311	.3801	.5426	.3513
#1	898.4	1043.	300.5	365.7	248.5	240.4
#2	894.0	1035.	287.0	363.7	246.4	238.8
#3	890.7	1033.	292.3	363.1	246.0	239.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44823-a-1-c ms@4 Acquired: 9/20/2012 18:36:12 Type: Unk
Method: SW846_091912(v3) 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	**250.4**	**287.1**	**463.2**	**1558.**
Stddev	.5	5.1	8.1	16.
%RSD	.1827	1.775	1.756	.9963
#1	250.8	283.5	458.9	1576.
#2	250.4	284.9	458.1	1546.
#3	249.9	293.0	472.6	1554.
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	**4054.9**	**38034.**	**3987.9**
Stddev	15.9	608.	52.0
%RSD	.39204	1.5991	1.3050
#1	4037.7	37380.	4021.2
#2	4057.9	38582.	4014.4
#3	4069.1	38140.	3927.9

Sample Name: pds 460-44823-a-1-a@ Acquired: 9/20/2012 18:40:10 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25490.**	**1865.**	**44.68**	**2057.**	**49.17**	**25110.**
Stddev	71.	4.	1.07	6.	.27	198.
%RSD	.2804	.2263	2.385	.2815	.5582	.7900
#1	25570.	1860.	43.64	2051.	49.15	25240.
#2	25430.	1867.	45.77	2063.	48.91	25210.
#3	25470.	1867.	44.62	2058.	49.46	24880.
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	**48.22**	**492.3**	**231.8**	**285.0**	**43710.**	**20660.**
Stddev	.30	1.4	2.2	1.1	516.	84.
%RSD	.6224	.2878	.9648	.3850	1.180	.4053
#1	48.04	490.7	229.2	283.8	43110.	20660.
#2	48.57	493.3	232.9	285.3	44040.	20580.
#3	48.06	492.9	233.2	286.0	43970.	20740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44823-a-1-a@ Acquired: 9/20/2012 18:40:10 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**22700.**	**716.0**	**20390.**	**509.9**	**616.4**	**469.1**
Stddev	302.	8.2	81.	1.7	3.2	2.1
%RSD	1.332	1.141	.3976	.3293	.5192	.4572
#1	22350.	706.6	20380.	508.2	612.8	469.0
#2	22890.	721.2	20320.	509.9	618.9	467.0
#3	22860.	720.2	20480.	511.5	617.4	471.2
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	**1798.**	**2036.**	**513.8**	**587.7**	**481.5**	**482.7**
Stddev	8.	6.	6.7	1.4	2.6	1.7
%RSD	.4371	.3184	1.300	.2343	.5474	.3585
#1	1790.	2031.	506.1	586.2	478.5	481.0
#2	1798.	2035.	518.0	588.1	483.4	482.7
#3	1806.	2044.	517.3	588.8	482.7	484.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44823-a-1-a@ Acquired: 9/20/2012 18:40:10 Type: Unk
Method: SW846_091912(v3) 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	**503.0**	**520.2**	**684.3**	**846.4**
Stddev	1.8	1.7	3.2	36.6
%RSD	.3588	.3178	.4694	4.325
#1	500.9	521.5	684.6	806.5
#2	504.4	518.3	680.9	878.4
#3	503.5	520.7	687.3	854.3
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	**4019.7**	**37741.**	**3962.7**
Stddev	8.6	214.	26.8
%RSD	.21490	.56606	.67719
#1	4019.8	37988.	3957.8
#2	4011.1	37619.	3991.6
#3	4028.4	37617.	3938.6

Sample Name: 460-44821-d-1-b@4 Acquired: 9/20/2012 18:44:05 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**45960.**	**25.10**	**-2.094**	**103.2**	**1.913**	**722.6**
Stddev	1704.	1.41	.419	.5	.143	8.3
%RSD	3.708	5.631	19.99	.4706	7.495	1.144
#1	44030.	26.68	-1.680	103.7	1.795	724.1
#2	46650.	24.64	-2.084	102.7	1.872	713.7
#3	47220.	23.97	-2.518	103.3	2.073	730.1
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	**-.3258**	**15.16**	**99.26**	**49.76**	**112300.**	**2671.**
Stddev	.0535	.15	1.21	6.53	1039.	93.
%RSD	16.43	1.006	1.220	13.13	.9257	3.494
#1	-.3543	15.10	99.79	50.69	113300.	2600.
#2	-.2640	15.04	97.88	55.78	111200.	2776.
#3	-.3590	15.33	100.1	42.81	112300.	2635.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-1-b@4 Acquired: 9/20/2012 18:44:05 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2352.**	**363.6**	**1540.**	**32.25**	**50.00**	**2.517**
Stddev	17.	3.2	68.	.31	.91	1.098
%RSD	.7364	.8837	4.385	.9526	1.810	43.61
#1	2369.	366.8	1465.	31.91	49.07	2.871
#2	2335.	360.3	1557.	32.48	50.87	3.395
#3	2351.	363.7	1597.	32.37	50.07	1.286
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	**.0496**	**.5243**	**126.1**	**57.09**	**3.556**	**2.795**
Stddev	1.867	1.227	1.0	.26	.319	.123
%RSD	3765.	234.1	.8305	.4514	8.962	4.407
#1	1.081	1.037	127.2	57.04	3.346	2.936
#2	1.173	1.412	125.3	56.87	3.923	2.711
#3	-2.105	-.8761	125.7	57.37	3.399	2.738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-1-b@4 Acquired: 9/20/2012 18:44:05 Type: Unk
Method: SW846_091912(v3) 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	**1.209**	**8.446**	**391.8**	**768.0**
Stddev	.531	.298	18.8	49.4
%RSD	43.93	3.525	4.786	6.436
#1	1.540	8.161	370.5	713.2
#2	.5965	8.755	399.6	809.1
#3	1.491	8.421	405.5	781.7
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	**4098.0**	**38703.**	**4019.7**
Stddev	18.0	346.	55.0
%RSD	.43910	.89381	1.3675
#1	4078.2	38305.	4081.8
#2	4113.3	38870.	4000.2
#3	4102.4	38933.	3977.2

Sample Name: lcssrm 460-128543/2- Acquired: 9/20/2012 18:48:12 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27160.**	**822.5**	**210.7**	**1037.**	**568.4**	**32760.**
Stddev	274.	8.3	3.9	6.	7.8	140.
%RSD	1.008	1.012	1.841	.5416	1.370	.4274
#1	26850.	832.0	207.4	1043.	559.8	32860.
#2	27260.	819.3	209.6	1033.	570.1	32840.
#3	27360.	816.4	215.0	1033.	575.1	32600.
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	**523.5**	**684.8**	**592.6**	**621.6**	**58040.**	**13080.**
Stddev	3.3	4.4	13.4	5.5	1289.	145.
%RSD	.6239	.6483	2.259	.8798	2.221	1.106
#1	527.1	689.9	580.5	616.3	56930.	12920.
#2	522.3	682.5	590.3	627.3	57730.	13130.
#3	520.9	682.1	607.0	621.3	59450.	13190.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-128543/2- Acquired: 9/20/2012 18:48:12 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11590.**	**1790.**	**1683.**	**364.9**	**400.5**	**1054.**
Stddev	258.	42.	8.	1.8	3.0	9.
%RSD	2.223	2.329	.4719	.4917	.7551	.8280
#1	11370.	1753.	1675.	366.8	404.0	1064.
#2	11540.	1781.	1691.	364.9	398.3	1050.
#3	11870.	1835.	1682.	363.2	399.3	1048.
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	**613.5**	**1139.**	**424.3**	**1362.**	**419.9**	**343.6**
Stddev	1.8	3.	9.3	8.	2.5	2.5
%RSD	.2883	.3017	2.200	.5797	.5954	.7325
#1	615.5	1143.	415.9	1371.	422.6	346.4
#2	612.2	1136.	422.6	1358.	419.2	342.8
#3	612.9	1139.	434.4	1356.	417.8	341.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-128543/2- Acquired: 9/20/2012 18:48:12 Type: QC
Method: SW846_091912(v3) 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	**771.6**	**674.7**	**875.9**	**2415.**
Stddev	3.6	9.0	8.8	21.
%RSD	.4715	1.330	.9996	.8695
#1	775.7	664.8	867.0	2432.
#2	768.7	677.2	876.2	2420.
#3	770.3	682.2	884.5	2391.
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	**4172.1**	**39155.**	**4065.1**
Stddev	11.9	741.	23.8
%RSD	.28480	1.8934	.58532
#1	4158.5	39749.	4053.9
#2	4177.9	39391.	4092.4
#3	4180.1	38324.	4049.0

Sample Name: CCV Acquired: 9/20/2012 18:52:07 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124700.**	**2452.**	**1227.**	**9862.**	**1001.**	**123100.**
Stddev	464.	34.	1.	126.	6.	951.
%RSD	.3721	1.383	.1053	1.274	.6372	.7722
#1	125200.	2413.	1229.	9719.	1008.	122100.
#2	124700.	2476.	1227.	9954.	999.4	123300.
#3	124300.	2467.	1226.	9913.	995.2	124000.
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.**	**2461.**	**4982.**	**12590.**	**99530.**	**50330.**
Stddev	15.	32.	4.	56.	125.	85.
%RSD	1.204	1.292	.0808	.4431	.1252	.1695
#1	1220.	2424.	4986.	12640.	99660.	50330.
#2	1248.	2481.	4978.	12580.	99420.	50410.
#3	1243.	2477.	4983.	12530.	99510.	50240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 18:52:07 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**124500.**	**5049.**	**128100.**	**2481.**	**7537.**	**983.2**
Stddev	329.	11.	634.	32.	91.	10.1
%RSD	.2646	.2157	.4950	1.296	1.213	1.032
#1	124900.	5062.	128800.	2444.	7432.	972.5
#2	124300.	5042.	127900.	2505.	7602.	992.7
#3	124300.	5043.	127600.	2493.	7577.	984.5
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	**2431.**	**2502.**	**2460.**	**2446.**	**972.9**	**2475.**
Stddev	31.	29.	3.	29.	12.4	31.
%RSD	1.265	1.141	.1363	1.176	1.271	1.242
#1	2396.	2470.	2463.	2413.	958.7	2440.
#2	2454.	2524.	2457.	2466.	980.9	2496.
#3	2443.	2512.	2458.	2459.	979.2	2490.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 18:52:07 Type: QC
Method: SW846_091912(v3) 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**	**5119.**	**10110.**	**9393.**
Stddev	9.8	28.	58.	21.
%RSD	.9937	.5542	.5726	.2227
#1	979.7	5150.	10180.	9380.
#2	997.3	5113.	10110.	9417.
#3	996.2	5094.	10060.	9382.
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	**3777.2**	**34939.**	**3800.3**
Stddev	29.9	158.	11.0
%RSD	.79186	.45350	.29075
#1	3811.6	34805.	3811.2
#2	3758.0	34897.	3800.6
#3	3761.9	35114.	3789.1

Sample Name: CCB Acquired: 9/20/2012 18:55:59 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.922**	**1.090**	**.0496**	**.1825**	**-.0196**	**12.88**
Stddev	18.06	1.402	.3276	.3704	.1776	9.98
%RSD	227.9	128.6	660.0	203.0	907.6	77.44
#1	27.44	-.4752	-.0548	.5485	.0431	14.40
#2	-8.189	1.514	-.2130	-.1922	.1182	2.237
#3	4.515	2.230	.4167	.1912	-.2200	22.02
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	**.0936**	**-.3538**	**.5492**	**4.797**	**-2.305**	**127.4**
Stddev	.0340	.2097	.7226	1.629	8.872	52.2
%RSD	36.35	59.28	131.6	33.96	384.8	40.99
#1	.0649	-.4974	1.217	6.503	4.171	176.0
#2	.1312	-.4508	.6491	3.258	-12.42	133.9
#3	.0848	-.1131	-.2182	4.628	1.331	72.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 18:55:59 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3.189**	**.2737**	**73.89**	**.0871**	**-.5169**	**3.462**
Stddev	6.352	.0935	38.04	.4093	.2010	1.123
%RSD	199.2	34.17	51.48	470.1	38.88	32.46
#1	10.45	.3641	115.0	-.0197	-.7212	4.677
#2	.4393	.2797	66.63	.5392	-.3195	2.461
#3	-1.324	.1773	40.01	-.2583	-.5101	3.247
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	**1.063**	**3.239**	**-.0167**	**-.1337**	**1.941**	**.9651**
Stddev	1.878	1.153	.4460	.0978	.334	.6124
%RSD	176.7	35.59	2664.	73.17	17.23	63.46
#1	2.012	3.539	.4890	-.0220	2.323	1.479
#2	-1.100	1.965	-.1854	-.2039	1.794	1.129
#3	2.277	4.211	-.3538	-.1753	1.704	.2874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 18:55:59 Type: QC
Method: SW846_091912(v3) 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	**-.2464**	**.1402**	**-.2316**	**10.51**
Stddev	.3694	.2379	2.179	13.21
%RSD	149.9	169.7	940.9	125.7
#1	-.4463	.3402	2.272	25.76
#2	-.4729	.2031	-1.696	3.150
#3	.1799	-.1228	-1.271	2.617
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	**4073.7**	**38643.**	**3917.0**
Stddev	11.1	321.	3.0
%RSD	.27158	.83021	.07633
#1	4082.3	38307.	3913.8
#2	4061.2	38946.	3919.7
#3	4077.6	38676.	3917.5

Sample Name: mb 460-128543/1-a@2 Acquired: 9/20/2012 19:00:15 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29.12**	**.3592**	**-.0340**	**-.0968**	**.0391**	**56.41**
Stddev	6.99	1.882	.3032	.1483	.0913	8.84
%RSD	24.00	524.0	891.3	153.2	233.2	15.67
#1	21.48	2.233	.3106	.0595	.1400	64.18
#2	30.70	-1.531	-.1529	-.1143	-.0378	46.79
#3	35.18	.3756	-.2597	-.2356	.0152	58.27
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	**.0202**	**.0865**	**.4845**	**10.08**	**2.612**	**39.36**
Stddev	.0398	.1870	.3855	2.95	8.891	75.05
%RSD	197.4	216.0	79.56	29.25	340.3	190.7
#1	.0216	.1258	.8059	6.836	8.827	121.5
#2	-.0203	-.1169	.5906	12.60	6.582	22.08
#3	.0593	.2508	.0571	10.81	-7.571	-25.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128543/1-a@2 Acquired: 9/20/2012 19:00:15 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**5.037**	**.1782**	**19.98**	**.3647**	**-1.243**	**4.314**
Stddev	2.467	.1067	7.50	.1790	.659	1.450
%RSD	48.99	59.84	37.56	49.07	53.04	33.60
#1	3.422	.2179	16.50	.5200	-1.949	3.987
#2	3.811	.2594	14.84	.4053	-.6441	3.056
#3	7.877	.0574	28.59	.1690	-1.135	5.899
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	**2.978**	**.2028**	**.2589**	**.6532**	**5.107**	**.0534**
Stddev	2.077	2.312	.4642	.1590	.627	.5618
%RSD	69.74	1140.	179.3	24.34	12.28	1052.
#1	.5896	.6986	.4599	.5492	4.792	-.0975
#2	4.360	-2.317	-.2719	.5741	5.829	.6752
#3	3.986	2.226	.5887	.8362	4.700	-.4175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128543/1-a@2 Acquired: 9/20/2012 19:00:15 Type: QC
Method: SW846_091912(v3) 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	**.3675**	**.4245**	**.7673**	**25.62**
Stddev	.2439	.1155	1.423	11.04
%RSD	66.35	27.20	185.4	43.07
#1	.0876	.5353	2.138	34.59
#2	.4813	.4333	-.7023	28.97
#3	.5338	.3049	.8664	13.30
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	**3994.3**	**37979.**	**3820.4**
Stddev	33.9	143.	19.2
%RSD	.84920	.37576	.50257
#1	3987.9	37910.	3830.9
#2	3964.1	37883.	3832.1
#3	4031.0	38143.	3798.3

Sample Name: 460-44821-a-2-e@4 Acquired: 9/20/2012 19:04:29 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50100.**	**24.67**	**-1.794**	**116.4**	**2.063**	**634.4**
Stddev	277.	.90	.851	1.0	.065	15.0
%RSD	.5536	3.637	47.41	.8467	3.130	2.367
#1	49890.	25.65	-2.313	116.9	2.132	650.4
#2	50410.	24.47	-2.258	117.0	2.052	620.6
#3	49990.	23.89	-.8124	115.2	2.004	632.1
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	**-.4011**	**13.78**	**114.4**	**53.85**	**106100.**	**3220.**
Stddev	.1832	.34	.5	4.35	220.	82.
%RSD	45.67	2.486	.4756	8.070	.2075	2.550
#1	-.1909	14.07	114.8	49.19	106300.	3157.
#2	-.5270	13.87	113.8	54.55	105900.	3313.
#3	-.4853	13.40	114.5	57.80	106100.	3190.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-2-e@4 Acquired: 9/20/2012 19:04:29 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2576.**	**461.6**	**1487.**	**38.83**	**47.64**	**4.134**
Stddev	8.	1.1	19.	.61	.37	1.220
%RSD	.3224	.2318	1.287	1.575	.7721	29.51
#1	2585.	462.8	1468.	39.54	47.57	3.878
#2	2573.	461.1	1506.	38.43	47.30	3.062
#3	2569.	460.9	1487.	38.53	48.03	5.462
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	**-1.450**	**-1.559**	**115.4**	**62.86**	**4.672**	**3.201**
Stddev	.503	3.600	.9	.40	.600	.490
%RSD	34.69	230.9	.7549	.6318	12.84	15.32
#1	-1.861	-3.979	115.6	63.00	5.059	3.396
#2	-.8891	-3.276	114.4	63.17	4.978	3.564
#3	-1.599	2.578	116.1	62.41	3.981	2.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-2-e@4 Acquired: 9/20/2012 19:04:29 Type: Unk
Method: SW846_091912(v3) 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	**3.457**	**10.15**	**706.6**	**1587.**
Stddev	.126	.08	4.3	12.
%RSD	3.634	.7931	.6098	.7271
#1	3.354	10.07	703.2	1580.
#2	3.597	10.16	711.4	1600.
#3	3.420	10.23	705.1	1580.
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	**4059.3**	**37907.**	**3909.2**
Stddev	6.2	65.	10.0
%RSD	.15323	.17181	.25480
#1	4063.2	37970.	3920.2
#2	4052.1	37840.	3900.7
#3	4062.4	37910.	3906.6

Sample Name: 460-44821-d-3-b@4 Acquired: 9/20/2012 19:08:35 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**60820.**	**26.97**	**-2.222**	**138.2**	**2.337**	**5878.**
Stddev	621.	1.69	.226	1.1	.130	39.
%RSD	1.022	6.281	10.16	.7649	5.561	.6709
#1	60610.	26.06	-2.381	139.4	2.404	5882.
#2	61520.	28.92	-1.964	137.4	2.420	5837.
#3	60330.	25.92	-2.321	137.8	2.187	5916.
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	**-.3410**	**14.10**	**122.5**	**71.39**	**118800.**	**3462.**
Stddev	.1301	.08	1.6	4.30	1353.	46.
%RSD	38.15	.5376	1.326	6.017	1.139	1.336
#1	-.2226	14.14	120.6	69.22	117300.	3492.
#2	-.4803	14.15	123.5	68.61	120000.	3484.
#3	-.3201	14.01	123.3	76.34	119000.	3408.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-3-b@4 Acquired: 9/20/2012 19:08:35 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4755.**	**327.2**	**1444.**	**37.87**	**132.9**	**2.306**
Stddev	53.	3.9	17.	.47	.8	1.970
%RSD	1.114	1.207	1.145	1.240	.5807	85.43
#1	4699.	322.9	1429.	37.37	133.0	.8027
#2	4804.	330.6	1462.	38.29	133.7	4.535
#3	4764.	328.2	1440.	37.96	132.1	1.579
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	**-.1788**	**-1.220**	**131.9**	**104.9**	**5.180**	**3.221**
Stddev	.8650	2.417	2.0	.7	.503	.086
%RSD	483.7	198.1	1.501	.7012	9.715	2.665
#1	-1.093	-3.960	130.2	105.7	5.285	3.269
#2	.6269	.6066	134.1	104.2	4.633	3.273
#3	-.0707	-.3059	131.5	104.8	5.623	3.122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-3-b@4 Acquired: 9/20/2012 19:08:35 Type: Unk
Method: SW846_091912(v3) 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	**6.267**	**21.89**	**865.0**	**1622.**
Stddev	.654	.07	8.3	31.
%RSD	10.44	.3212	.9576	1.939
#1	6.358	21.88	862.7	1589.
#2	5.572	21.97	874.1	1652.
#3	6.871	21.83	858.0	1627.
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	**4044.7**	**38049.**	**3913.9**
Stddev	19.5	153.	24.6
%RSD	.48143	.40149	.62868
#1	4024.3	38183.	3912.6
#2	4063.1	37883.	3890.0
#3	4046.7	38082.	3939.1

Sample Name: 460-44821-a-4-e@4 Acquired: 9/20/2012 19:12:41 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**68500.**	**24.47**	**-1.750**	**149.8**	**2.483**	**1270.**
Stddev	766.	1.08	.207	1.0	.058	23.
%RSD	1.119	4.411	11.81	.6573	2.344	1.777
#1	67750.	24.74	-1.970	148.9	2.456	1244.
#2	68460.	25.39	-1.559	150.9	2.550	1283.
#3	69280.	23.28	-1.722	149.7	2.444	1282.
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	**-.5754**	**16.64**	**289.9**	**62.63**	**135500.**	**3261.**
Stddev	.0297	.28	2.5	2.14	960.	18.
%RSD	5.165	1.661	.8761	3.413	.7081	.5460
#1	-.6093	16.69	288.9	65.09	135000.	3263.
#2	-.5535	16.34	288.0	61.18	135000.	3242.
#3	-.5635	16.89	292.8	61.63	136700.	3277.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-4-e@4 Acquired: 9/20/2012 19:12:41 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2673.**	**708.5**	**1526.**	**37.22**	**71.00**	**5.317**
Stddev	17.	4.0	16.	.38	.74	.502
%RSD	.6285	.5613	1.076	1.013	1.043	9.438
#1	2668.	707.4	1510.	36.88	70.93	5.277
#2	2659.	705.3	1526.	37.14	70.29	4.836
#3	2691.	713.0	1543.	37.62	71.77	5.838
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	**-.3866**	**-1.283**	**133.5**	**69.76**	**7.110**	**3.681**
Stddev	2.931	1.105	1.0	.69	.676	.373
%RSD	758.2	86.09	.7645	.9907	9.507	10.12
#1	-3.403	-1.635	132.9	69.39	6.342	3.913
#2	-.2072	-.0454	132.9	70.56	7.612	3.251
#3	2.451	-2.169	134.7	69.34	7.378	3.879
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-4-e@4 Acquired: 9/20/2012 19:12:41 Type: Unk
Method: SW846_091912(v3) 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	**3.936**	**13.52**	**870.8**	**1459.**
Stddev	.838	.23	10.2	23.
%RSD	21.29	1.718	1.172	1.554
#1	2.998	13.28	859.6	1460.
#2	4.611	13.52	873.2	1481.
#3	4.199	13.74	879.6	1436.
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	**4060.4**	**38109.**	**3970.2**
Stddev	20.2	219.	14.5
%RSD	.49747	.57398	.36560
#1	4070.5	38160.	3983.8
#2	4037.1	38298.	3971.9
#3	4073.6	37869.	3954.9

Sample Name: 460-44821-d-5-b@4 Acquired: 9/20/2012 19:16:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35660.**	**31.76**	**-1.788**	**148.7**	**1.404**	**1563.**
Stddev	696.	2.73	.194	1.2	.283	12.
%RSD	1.951	8.597	10.85	.7863	20.13	.7936
#1	35940.	33.21	-1.587	148.9	1.082	1577.
#2	34870.	33.45	-1.974	149.7	1.521	1553.
#3	36180.	28.61	-1.803	147.4	1.609	1558.
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	**-.1949**	**70.70**	**63.20**	**49.21**	**84350.**	**1846.**
Stddev	.1680	.46	.97	2.70	776.	50.
%RSD	86.17	.6455	1.527	5.478	.9202	2.696
#1	-.0195	70.26	62.42	52.31	83620.	1865.
#2	-.3543	71.17	64.28	47.43	85170.	1789.
#3	-.2110	70.66	62.89	47.88	84250.	1882.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-5-b@4 Acquired: 9/20/2012 19:16:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1192.**	**2348.**	**1254.**	**35.78**	**33.97**	**3.467**
Stddev	15.	21.	18.	.70	1.41	1.186
%RSD	1.276	.8913	1.424	1.945	4.162	34.20
#1	1176.	2328.	1262.	35.01	35.60	4.564
#2	1207.	2369.	1233.	36.38	33.15	2.209
#3	1193.	2347.	1266.	35.94	33.16	3.626
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	**1.231**	**-3.942**	**88.06**	**63.55**	**5.273**	**2.050**
Stddev	1.216	1.283	1.11	.35	.531	.115
%RSD	98.83	32.56	1.259	.5476	10.07	5.596
#1	.6618	-2.984	86.91	63.34	5.074	2.167
#2	2.627	-5.400	89.12	63.95	4.871	2.044
#3	.4029	-3.443	88.15	63.35	5.875	1.938
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-5-b@4 Acquired: 9/20/2012 19:16:47 Type: Unk
Method: SW846_091912(v3) 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	**3.618**	**10.81**	**475.3**	**1199.**
Stddev	.810	.24	9.4	37.
%RSD	22.39	2.261	1.980	3.089
#1	4.390	10.79	482.7	1202.
#2	2.774	10.58	464.7	1161.
#3	3.691	11.06	478.5	1234.
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	**4079.9**	**38668.**	**3979.4**
Stddev	12.7	313.	55.9
%RSD	.31234	.81035	1.4043
#1	4068.7	38977.	3930.3
#2	4077.3	38351.	4040.3
#3	4093.8	38676.	3967.7

Sample Name: 460-44821-a-6-e@4 Acquired: 9/20/2012 19:20:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**49870.**	**23.81**	**-1.191**	**180.7**	**1.744**	**12150.**
Stddev	518.	1.26	.214	1.0	.116	62.
%RSD	1.038	5.303	17.98	.5597	6.632	.5069
#1	49280.	25.11	-1.279	179.6	1.841	12080.
#2	50070.	22.59	-1.347	181.6	1.616	12200.
#3	50260.	23.73	-.9469	181.0	1.774	12160.
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	**1.795**	**30.87**	**106.1**	**66.75**	**95630.**	**2963.**
Stddev	.164	.16	1.8	1.83	1758.	34.
%RSD	9.145	.5030	1.696	2.744	1.839	1.143
#1	1.938	30.91	106.1	68.78	94710.	2924.
#2	1.831	30.70	104.3	66.24	94530.	2986.
#3	1.616	31.00	107.9	65.23	97660.	2979.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-6-e@4 Acquired: 9/20/2012 19:20:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4511.**	**3503.**	**2585.**	**38.91**	**134.8**	**5.218**
Stddev	66.	65.	34.	1.17	1.5	5.531
%RSD	1.464	1.843	1.307	3.014	1.143	106.0
#1	4481.	3472.	2548.	38.90	133.6	-1.120
#2	4465.	3460.	2591.	40.10	134.3	9.071
#3	4586.	3577.	2615.	37.75	136.5	7.704
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	**-1.711**	**-3.227**	**123.8**	**110.5**	**9.358**	**4.127**
Stddev	2.298	2.096	2.1	.7	.444	.309
%RSD	134.3	64.97	1.717	.6746	4.748	7.491
#1	-1.547	-4.441	122.2	109.9	9.730	4.421
#2	-4.087	-.8062	122.9	111.4	9.478	3.805
#3	.5002	-4.434	126.2	110.4	8.866	4.154
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-6-e@4 Acquired: 9/20/2012 19:20:54 Type: Unk
Method: SW846_091912(v3) 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	**4.947**	**44.10**	**943.9**	**1339.**
Stddev	.406	.55	6.6	23.
%RSD	8.211	1.239	.6957	1.743
#1	4.481	43.50	936.3	1316.
#2	5.220	44.24	947.6	1363.
#3	5.142	44.57	947.7	1337.
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	**4049.0**	**38272.**	**3943.1**
Stddev	3.8	492.	4.5
%RSD	.09280	1.2860	.11420
#1	4045.2	38328.	3943.6
#2	4049.0	38734.	3947.4
#3	4052.7	37754.	3938.4

Sample Name: 460-44821-d-7-b@4 Acquired: 9/20/2012 19:25:00 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**90420.**	**32.81**	**-1.958**	**219.5**	**2.951**	**4063.**
Stddev	1849.	1.54	.554	.9	.199	31.
%RSD	2.045	4.709	28.32	.4225	6.744	.7562
#1	88610.	34.00	-1.593	219.5	2.987	4080.
#2	92300.	33.37	-1.685	218.5	3.129	4028.
#3	90360.	31.07	-2.596	220.3	2.736	4081.
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	**-.6529**	**44.76**	**135.1**	**77.56**	**144200.**	**4985.**
Stddev	.0965	.22	1.7	3.88	1399.	177.
%RSD	14.78	.4947	1.253	4.998	.9701	3.557
#1	-.6069	44.71	133.6	76.55	142600.	4791.
#2	-.5880	44.58	134.6	81.84	144900.	5139.
#3	-.7638	45.01	136.9	74.29	145200.	5026.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-7-b@4 Acquired: 9/20/2012 19:25:00 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**7368.**	**1736.**	**2105.**	**66.53**	**99.12**	**1.665**
Stddev	91.	17.	48.	.48	1.43	2.318
%RSD	1.232	.9716	2.265	.7268	1.442	139.2
#1	7264.	1717.	2059.	66.89	100.3	3.544
#2	7405.	1744.	2154.	65.98	99.52	2.377
#3	7434.	1747.	2102.	66.72	97.53	-.9255
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	**-3.516**	**-1.417**	**212.5**	**131.5**	**17.62**	**5.666**
Stddev	4.301	1.876	1.8	.3	.73	.245
%RSD	122.3	132.4	.8473	.2641	4.121	4.326
#1	1.114	-.8299	210.5	131.4	18.45	5.763
#2	-4.276	.0948	213.9	131.1	17.35	5.848
#3	-7.387	-3.517	213.2	131.8	17.07	5.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-d-7-b@4 Acquired: 9/20/2012 19:25:00 Type: Unk
Method: SW846_091912(v3) 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	**4.488**	**32.11**	**1835.**	**1721.**
Stddev	.313	.73	37.	28.
%RSD	6.976	2.260	1.999	1.625
#1	4.145	31.41	1801.	1695.
#2	4.561	32.86	1873.	1750.
#3	4.758	32.07	1830.	1718.
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	**4108.9**	**38226.**	**3959.1**
Stddev	10.5	458.	17.6
%RSD	.25516	1.1979	.44484
#1	4111.7	38749.	3955.6
#2	4117.6	38030.	3943.6
#3	4097.2	37899.	3978.3

Sample Name: 460-44821-a-8-g@4 Acquired: 9/20/2012 19:29:04 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**68120.**	**28.92**	**-2.325**	**204.0**	**2.175**	**6838.**
Stddev	1241.	.35	.466	1.2	.141	46.
%RSD	1.821	1.193	20.04	.6113	6.492	.6678
#1	66730.	29.32	-1.880	204.9	2.337	6812.
#2	68510.	28.72	-2.286	204.6	2.111	6890.
#3	69120.	28.72	-2.809	202.6	2.077	6810.
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	**-.2218**	**243.8**	**74.52**	**92.52**	**104700.**	**2954.**
Stddev	.1920	.6	.65	3.96	1505.	61.
%RSD	86.53	.2347	.8772	4.279	1.438	2.057
#1	-.4074	244.4	75.02	90.14	104900.	2906.
#2	-.2341	243.6	74.75	90.33	106000.	2933.
#3	-.0240	243.3	73.78	97.09	103000.	3022.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-8-g@4 Acquired: 9/20/2012 19:29:04 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3671.**	**2236.**	**1344.**	**56.45**	**98.71**	**3.447**
Stddev	51.	30.	22.	.78	.75	1.608
%RSD	1.377	1.337	1.623	1.386	.7588	46.66
#1	3669.	2241.	1319.	56.64	97.87	4.110
#2	3722.	2263.	1355.	57.12	98.98	4.617
#3	3621.	2204.	1358.	55.59	99.29	1.613
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	**-1.246**	**-10.91**	**137.9**	**112.5**	**9.124**	**4.806**
Stddev	.289	.87	2.5	.6	.716	.352
%RSD	23.17	7.973	1.846	.5213	7.851	7.325
#1	-1.356	-11.64	138.1	112.9	8.307	5.203
#2	-.9182	-9.948	140.3	112.7	9.642	4.530
#3	-1.463	-11.14	135.2	111.8	9.423	4.687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44821-a-8-g@4 Acquired: 9/20/2012 19:29:04 Type: Unk
Method: SW846_091912(v3) 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	**4.486**	**28.97**	**893.1**	**1398.**
Stddev	.223	.63	18.8	31.
%RSD	4.974	2.164	2.108	2.195
#1	4.694	28.28	872.5	1377.
#2	4.512	29.15	897.4	1384.
#3	4.251	29.49	909.5	1433.
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	**4088.3**	**38451.**	**3945.3**
Stddev	5.7	262.	49.6
%RSD	.14062	.68108	1.2571
#1	4081.8	38311.	4000.9
#2	4092.7	38290.	3929.7
#3	4090.4	38754.	3905.5

Sample Name: 460-44628-a-17-b@20 Acquired: 9/20/2012 19:33:10 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**429.9**	**101.5**	**.1917**	**115.6**	**.0534**	**67.26**
Stddev	11.0	.2	.3560	.6	.0899	12.51
%RSD	2.568	.1747	185.7	.5473	168.5	18.60
#1	428.2	101.5	.5021	116.2	.0595	75.55
#2	441.6	101.6	.2699	114.9	.1400	52.87
#3	419.7	101.3	-.1969	115.8	-.0395	73.36
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	**1.088**	**56.97**	**938.2**	**2742.**	F **528000.**	**148.2**
Stddev	.382	.53	2.6	62.	5312.	15.9
%RSD	35.09	.9323	.2820	2.258	1.006	10.75
#1	.7288	56.99	941.3	2671.	533800.	134.1
#2	1.489	56.43	936.8	2786.	523300.	165.5
#3	1.046	57.49	936.6	2769.	526900.	145.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-44628-a-17-b@20 Acquired: 9/20/2012 19:33:10 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**99.20**	**3033.**	**-350.9**	**151.6**	**90.03**	**13.62**
Stddev	1.36	4.	19.4	.3	1.10	1.21
%RSD	1.370	.1322	5.540	.1858	1.221	8.857
#1	97.83	3038.	-372.8	151.4	91.27	14.48
#2	100.5	3030.	-335.9	151.6	89.17	14.14
#3	99.22	3032.	-343.9	151.9	89.65	12.24
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	F **-11.80**	**-.5733**	**180.5**	**344.2**	**-6.807**	**1650.**
Stddev	3.35	2.093	1.0	1.3	.695	3.
%RSD	28.40	365.1	.5643	.3806	10.21	.1724
#1	-9.835	1.458	181.3	343.0	-6.960	1647.
#2	-9.891	-.4544	180.9	343.9	-7.413	1652.
#3	-15.67	-2.724	179.4	345.6	-6.048	1652.
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-44628-a-17-b@20 Acquired: 9/20/2012 19:33:10 Type: Unk
Method: SW846_091912(v3) 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	**25.83**	**7.913**	**333.5**	**839.8**
Stddev	.38	.388	7.4	41.8
%RSD	1.471	4.897	2.211	4.974
#1	25.45	7.509	325.2	826.7
#2	26.21	7.948	336.3	886.6
#3	25.82	8.281	339.1	806.2
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	**3901.7**	**36922.**	**3873.8**
Stddev	16.9	221.	71.4
%RSD	.43295	.59934	1.8426
#1	3919.6	37055.	3949.1
#2	3899.4	37045.	3865.3
#3	3886.1	36667.	3807.1

Sample Name: 460-44736-d-1-h@4 Acquired: 9/20/2012 19:37:20 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25600.**	**26.68**	**-1.634**	**83.98**	**1.839**	**6828.**
Stddev	213.	1.87	.373	.43	.102	92.
%RSD	.8304	7.003	22.83	.5111	5.556	1.347
#1	25630.	26.60	-1.211	83.51	1.750	6731.
#2	25370.	24.85	-1.778	84.09	1.816	6839.
#3	25800.	28.58	-1.915	84.34	1.950	6914.
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	**.0864**	**12.13**	**114.1**	**28.92**	**61270.**	**3816.**
Stddev	.0999	.13	.2	1.68	256.	65.
%RSD	115.6	1.094	.1816	5.792	.4177	1.709
#1	.0024	12.08	114.2	27.90	61500.	3777.
#2	.0601	12.28	114.2	30.86	61330.	3779.
#3	.1969	12.02	113.8	28.01	60990.	3891.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44736-d-1-h@4 Acquired: 9/20/2012 19:37:20 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3211.**	**296.9**	**233.5**	**16.01**	**70.89**	**5.506**
Stddev	11.	.9	3.0	.19	.55	1.000
%RSD	.3387	.2891	1.272	1.161	.7783	18.16
#1	3217.	297.4	236.8	16.16	70.27	6.491
#2	3219.	297.4	232.6	16.07	71.33	5.534
#3	3199.	295.9	231.1	15.80	71.06	4.492
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	**.9344**	**.8618**	**172.9**	**206.3**	**22.40**	**1.983**
Stddev	1.360	1.928	.7	.9	.22	.465
%RSD	145.5	223.7	.4282	.4322	.9770	23.43
#1	2.033	2.941	173.2	205.4	22.24	2.519
#2	-.5864	.5113	173.4	206.4	22.31	1.721
#3	1.356	-.8670	172.1	207.1	22.65	1.708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44736-d-1-h@4 Acquired: 9/20/2012 19:37:20 Type: Unk
Method: SW846_091912(v3) 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	**3.427**	**39.15**	**480.9**	**1361.**
Stddev	.666	.16	6.3	32.
%RSD	19.43	.4116	1.303	2.387
#1	3.223	38.98	478.2	1347.
#2	2.888	39.30	476.4	1338.
#3	4.172	39.18	488.0	1398.
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	**4071.6**	**38359.**	**3918.1**
Stddev	14.6	411.	13.7
%RSD	.35918	1.0704	.34875
#1	4073.3	38009.	3912.3
#2	4085.4	38257.	3933.6
#3	4056.3	38811.	3908.2

Sample Name: CCV Acquired: 9/20/2012 19:41:27 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128300.**	**2542.**	**1252.**	**10170.**	**1024.**	**125900.**
Stddev	696.	9.	4.	37.	6.	1056.
%RSD	.5428	.3611	.3107	.3651	.5797	.8387
#1	128700.	2546.	1253.	10180.	1030.	126300.
#2	128600.	2549.	1255.	10210.	1025.	126700.
#3	127500.	2532.	1247.	10140.	1018.	124700.
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	**1276.**	**2563.**	**5081.**	**12820.**	**101400.**	**51660.**
Stddev	3.	10.	11.	63.	192.	155.
%RSD	.2658	.4060	.2068	.4920	.1894	.2993
#1	1276.	2565.	5086.	12860.	101600.	51670.
#2	1279.	2573.	5088.	12850.	101500.	51810.
#3	1273.	2552.	5069.	12750.	101200.	51510.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 19:41:27 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**5142.**	**132500.**	**2588.**	**7790.**	**1022.**
Stddev	352.	9.	876.	10.	26.	6.
%RSD	.2756	.1842	.6612	.3998	.3359	.5383
#1	128100.	5149.	133300.	2588.	7790.	1024.
#2	127900.	5146.	132600.	2598.	7816.	1026.
#3	127400.	5131.	131500.	2578.	7763.	1016.
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	**2513.**	**2602.**	**2512.**	**2548.**	**1010.**	**2554.**
Stddev	8.	17.	4.	10.	5.	9.
%RSD	.3368	.6402	.1470	.4007	.4526	.3430
#1	2520.	2605.	2515.	2550.	1011.	2553.
#2	2517.	2616.	2514.	2558.	1014.	2563.
#3	2504.	2583.	2508.	2537.	1005.	2546.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 19:41:27 Type: QC
Method: SW846_091912(v3) 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	**1028.**	**5235.**	**10350.**	**9735.**
Stddev	5.	22.	41.	33.
%RSD	.4820	.4276	.3946	.3423
#1	1028.	5252.	10380.	9774.
#2	1032.	5244.	10370.	9718.
#3	1022.	5210.	10310.	9714.
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	**3675.4**	**34426.**	**3707.7**
Stddev	18.0	133.	41.6
%RSD	.48933	.38505	1.1228
#1	3679.8	34273.	3704.1
#2	3655.6	34499.	3668.0
#3	3690.8	34506.	3751.0

Sample Name: CCB Acquired: 9/20/2012 19:45:18 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.924**	**.6028**	**-.4271**	**.1003**	**-.0609**	**13.66**
Stddev	21.43	.7682	.4362	.1679	.1993	12.95
%RSD	1114.	127.4	102.1	167.4	327.3	94.80
#1	22.29	-.0702	-.6335	.2716	.1563	28.45
#2	-9.591	.4389	-.7218	-.0640	-.1036	8.168
#3	-18.47	1.440	.0739	.0935	-.2354	4.361
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	**.1621**	**-.0980**	**-.1313**	**6.930**	**-3.037**	**118.1**
Stddev	.0429	.1668	.2843	5.915	3.071	83.6
%RSD	26.47	170.2	216.6	85.35	101.1	70.77
#1	.2057	.0652	.1783	11.19	-4.458	210.0
#2	.1606	-.0910	-.3807	9.428	-5.140	46.56
#3	.1199	-.2681	-.1914	.1759	.4878	97.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 19:45:18 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2.445**	**.2423**	**87.18**	**.5963**	**-.3498**	**2.301**
Stddev	7.938	.1760	55.23	.8573	1.853	2.290
%RSD	324.7	72.65	63.35	143.8	529.7	99.53
#1	11.54	.4455	151.0	-.3549	-2.439	4.112
#2	-1.095	.1449	56.12	1.309	1.095	3.064
#3	-3.107	.1364	54.48	.8343	.2952	-.2732
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	**1.802**	**1.137**	**.1118**	**.0099**	**1.222**	**.7637**
Stddev	2.948	1.864	.7188	.0968	.417	.7815
%RSD	163.6	164.0	643.0	974.5	34.08	102.3
#1	2.976	1.194	.8644	-.0445	1.703	1.540
#2	-1.552	-.7560	-.5676	-.0474	.9697	.7738
#3	3.983	2.971	.0386	.1217	.9943	-.0227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 19:45:18 Type: QC
Method: SW846_091912(v3) 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	**-.3786**	**.2288**	**1.549**	**5.086**
Stddev	.8156	.4621	1.305	24.12
%RSD	215.4	201.9	84.24	474.1
#1	.2260	.7530	1.063	32.93
#2	-.0555	.0533	3.028	-8.677
#3	-1.306	-.1197	.5573	-8.996
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	**4027.2**	**38429.**	**3868.1**
Stddev	26.1	296.	10.6
%RSD	.64753	.77112	.27394
#1	4032.8	38302.	3875.7
#2	4050.1	38767.	3872.7
#3	3998.8	38217.	3856.0

Sample Name: 460-44767-a-1-a@4 Acquired: 9/20/2012 19:49:32 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8112.**	**.2178**	**-.4307**	**76.93**	**.4206**	**2421.**
Stddev	89.	.6619	.2590	1.14	.0786	33.
%RSD	1.100	303.9	60.14	1.485	18.68	1.352
#1	8088.	.0054	-.6940	75.82	.3537	2401.
#2	8038.	.9599	-.1763	76.88	.4010	2403.
#3	8211.	-.3118	-.4217	78.10	.5071	2459.
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	**.4186**	**8.318**	**39.51**	**25.22**	**19760.**	**1247.**
Stddev	.1824	.166	.53	8.32	201.	54.
%RSD	43.58	1.992	1.353	33.00	1.017	4.311
#1	.5706	8.452	39.35	34.55	19730.	1294.
#2	.4689	8.133	39.07	22.56	19580.	1257.
#3	.2163	8.370	40.10	18.56	19980.	1188.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-1-a@4 Acquired: 9/20/2012 19:49:32 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2635.**	**295.3**	**138.5**	**18.65**	**37.16**	**3.525**
Stddev	25.	3.4	16.5	.79	.62	2.120
%RSD	.9370	1.138	11.92	4.246	1.659	60.12
#1	2631.	293.8	119.8	17.79	37.06	5.394
#2	2613.	292.8	144.5	18.81	37.82	1.222
#3	2662.	299.1	151.2	19.35	36.60	3.961
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	**.2886**	**2.303**	**46.36**	**274.5**	**7.493**	**.5930**
Stddev	1.850	2.554	.48	3.4	.139	.1380
%RSD	641.0	110.9	1.041	1.247	1.850	23.27
#1	-.1991	-.6247	46.37	271.5	7.443	.6090
#2	-1.269	3.462	45.88	273.8	7.386	.7224
#3	2.333	4.072	46.84	278.2	7.649	.4478
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-1-a@4 Acquired: 9/20/2012 19:49:32 Type: Unk
Method: SW846_091912(v3) 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	**10.36**	**10.34**	**778.5**	**737.0**
Stddev	.41	.18	6.7	17.4
%RSD	3.921	1.753	.8633	2.359
#1	10.75	10.14	782.6	717.0
#2	10.39	10.36	770.7	748.5
#3	9.941	10.50	782.1	745.6
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	**4104.5**	**39055.**	**3935.6**
Stddev	33.9	242.	43.2
%RSD	.82573	.62023	1.0977
#1	4135.8	38889.	3944.2
#2	4109.1	39333.	3973.9
#3	4068.5	38944.	3888.8

Sample Name: 460-44767-a-2-a@4 Acquired: 9/20/2012 19:53:41 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11340.**	**2.587**	**-.7077**	**98.28**	**.4581**	**1400.**
Stddev	61.	1.512	.4674	.28	.0507	21.
%RSD	.5361	58.45	66.05	.2883	11.07	1.535
#1	11270.	4.289	-.2619	97.96	.4174	1413.
#2	11350.	2.079	-1.194	98.50	.5149	1412.
#3	11390.	1.395	-.6670	98.38	.4421	1375.
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	**.1068**	**6.702**	**40.84**	**28.59**	**16660.**	**1552.**
Stddev	.0951	.111	.96	5.63	205.	24.
%RSD	89.03	1.650	2.351	19.71	1.229	1.527
#1	.0314	6.811	41.74	23.68	16890.	1525.
#2	.2137	6.705	40.95	34.74	16490.	1568.
#3	.0754	6.590	39.83	27.35	16590.	1564.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-2-a@4 Acquired: 9/20/2012 19:53:41 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2959.**	**206.0**	**130.5**	**23.72**	**21.66**	**1.817**
Stddev	32.	2.3	1.8	.55	.55	.297
%RSD	1.089	1.137	1.388	2.333	2.527	16.35
#1	2994.	208.4	128.4	23.10	22.23	2.131
#2	2931.	203.7	131.4	23.91	21.14	1.780
#3	2952.	205.8	131.7	24.16	21.62	1.540
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	**.1191**	**.3174**	**35.49**	**68.41**	**3.668**	**1.050**
Stddev	2.231	.7524	.63	.19	.550	.078
%RSD	1874.	237.1	1.774	.2785	14.99	7.447
#1	-2.093	-.2017	35.98	68.24	3.246	.9603
#2	.0813	1.180	34.78	68.36	4.290	1.083
#3	2.368	-.0264	35.70	68.62	3.469	1.106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-2-a@4 Acquired: 9/20/2012 19:53:41 Type: Unk
Method: SW846_091912(v3) 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	**7.082**	**6.808**	**520.5**	**637.6**
Stddev	.754	.062	2.4	14.7
%RSD	10.65	.9145	.4619	2.300
#1	6.557	6.746	518.0	653.7
#2	7.946	6.870	522.8	634.0
#3	6.743	6.808	520.6	625.0
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	**4037.8**	**38067.**	**3863.4**
Stddev	31.0	427.	31.7
%RSD	.76729	1.1209	.81992
#1	4072.6	37739.	3891.6
#2	4027.7	38550.	3869.5
#3	4013.3	37913.	3829.1

Sample Name: 460-44767-a-3-a@4 Acquired: 9/20/2012 19:57:48 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7944.**	**1.095**	**-.0556**	**464.6**	**.3970**	**2712.**
Stddev	69.	1.022	.5617	7.3	.1249	33.
%RSD	.8641	93.30	1010.	1.561	31.45	1.212
#1	8012.	2.017	-.6120	472.4	.4666	2739.
#2	7875.	-.0036	.5113	458.1	.4716	2721.
#3	7944.	1.272	-.0661	463.2	.2529	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	**.0863**	**11.45**	**29.76**	**23.44**	**14690.**	**1172.**
Stddev	.1250	.31	.58	3.11	127.	37.
%RSD	144.8	2.727	1.956	13.27	.8609	3.160
#1	.2021	11.78	30.14	23.71	14560.	1215.
#2	-.0462	11.17	29.09	26.40	14700.	1152.
#3	.1030	11.40	30.04	20.20	14810.	1150.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-3-a@4 Acquired: 9/20/2012 19:57:48 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3060.**	**2615.**	**104.8**	**16.80**	**20.82**	**3.283**
Stddev	28.	21.	6.4	.32	.63	.336
%RSD	.9091	.8189	6.151	1.922	3.020	10.24
#1	3032.	2592.	107.8	17.09	21.39	3.340
#2	3061.	2619.	109.2	16.45	20.14	2.922
#3	3088.	2634.	97.40	16.86	20.94	3.588
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	**1.274**	**-1.991**	**28.39**	**58.69**	**2.652**	**-.0058**
Stddev	2.605	1.882	.20	.88	.589	.0512
%RSD	204.4	94.48	.7010	1.500	22.22	880.4
#1	.1169	-1.427	28.27	59.69	2.817	.0347
#2	4.257	-4.091	28.62	58.05	3.141	.0112
#3	-.5514	-.4567	28.28	58.33	1.998	-.0633
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-3-a@4 Acquired: 9/20/2012 19:57:48 Type: Unk
Method: SW846_091912(v3) 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	**2.177**	**7.820**	**433.1**	**668.0**
Stddev	.204	.152	1.0	12.6
%RSD	9.368	1.937	.2417	1.890
#1	2.198	7.939	434.3	669.6
#2	1.963	7.649	432.5	679.8
#3	2.369	7.872	432.6	654.7
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	**4060.7**	**38469.**	**3879.1**
Stddev	38.6	398.	36.3
%RSD	.94982	1.0357	.93498
#1	4016.9	38705.	3845.4
#2	4089.5	38693.	3917.5
#3	4075.7	38009.	3874.3

Sample Name: 460-44767-a-4-a@4 Acquired: 9/20/2012 20:01:57 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5595.**	**2.100**	**-.2280**	**44.56**	**-.0449**	**2506.**
Stddev	38.	1.434	.4999	.28	.0745	10.
%RSD	.6827	68.29	219.3	.6175	165.8	.4062
#1	5594.	2.380	.1095	44.86	-.0843	2500.
#2	5557.	.5464	.0088	44.50	-.0914	2518.
#3	5634.	3.373	-.8023	44.32	.0410	2501.
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	**.0355**	**4.138**	**24.74**	**14.28**	**10190.**	**893.1**
Stddev	.0587	.157	.40	1.43	127.	16.4
%RSD	165.5	3.800	1.601	10.01	1.244	1.834
#1	.0472	3.963	25.17	12.63	10290.	906.7
#2	.0874	4.267	24.65	15.06	10220.	874.9
#3	-.0282	4.185	24.40	15.14	10040.	897.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-4-a@4 Acquired: 9/20/2012 20:01:57 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2637.**	**86.99**	**67.25**	**10.64**	**9.501**	**1.423**
Stddev	26.	1.26	7.85	.90	.932	4.399
%RSD	.9871	1.449	11.68	8.426	9.808	309.2
#1	2658.	88.07	66.58	9.897	8.450	2.714
#2	2646.	87.30	59.76	11.64	10.23	5.032
#3	2608.	85.60	75.42	10.39	9.828	-3.478
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	**1.549**	**3.044**	**19.91**	**47.69**	**3.486**	**-.0328**
Stddev	2.976	4.942	.11	.21	.398	.4610
%RSD	192.1	162.4	.5680	.4330	11.42	1405.
#1	-1.217	.2413	20.03	47.90	3.934	.4945
#2	1.166	.1401	19.81	47.66	3.173	-.3590
#3	4.698	8.751	19.91	47.49	3.351	-.2340
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-4-a@4 Acquired: 9/20/2012 20:01:57 Type: Unk
Method: SW846_091912(v3) 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	**2.343**	**6.313**	**409.1**	**627.2**
Stddev	.653	.247	4.1	14.8
%RSD	27.89	3.918	1.003	2.355
#1	3.078	6.479	408.6	630.7
#2	1.830	6.028	405.2	640.0
#3	2.120	6.431	413.4	611.0
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	**4050.9**	**38371.**	**3842.0**
Stddev	21.3	196.	50.1
%RSD	.52633	.51169	1.3033
#1	4049.6	38149.	3832.7
#2	4030.2	38446.	3896.1
#3	4072.8	38519.	3797.2

Sample Name: 460-44767-a-5-a@4 Acquired: 9/20/2012 20:06:07 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**43650.**	**10.62**	**-1.955**	**204.7**	**3.024**	**3192.**
Stddev	89.	1.15	.221	1.3	.037	35.
%RSD	.2043	10.80	11.29	.6391	1.212	1.097
#1	43610.	9.399	-1.709	204.6	2.982	3217.
#2	43590.	10.80	-2.136	203.5	3.038	3207.
#3	43750.	11.67	-2.019	206.1	3.051	3152.
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	**-.4197**	**28.83**	**90.56**	**84.67**	F **209100.**	**4609.**
Stddev	.1303	.24	.38	3.46	1467.	82.
%RSD	31.04	.8326	.4157	4.092	.7018	1.781
#1	-.4707	28.90	90.17	80.82	208900.	4514.
#2	-.2716	28.56	90.92	87.53	207700.	4649.
#3	-.5167	29.03	90.58	85.67	210600.	4662.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-44767-a-5-a@4 Acquired: 9/20/2012 20:06:07 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4820.**	**261.7**	**118.9**	**75.83**	**52.37**	**3.337**
Stddev	36.	2.0	2.0	.41	.78	1.696
%RSD	.7386	.7743	1.648	.5357	1.492	50.82
#1	4812.	261.2	119.9	75.38	51.47	2.710
#2	4789.	260.0	116.6	75.94	52.92	2.043
#3	4859.	264.0	120.1	76.18	52.71	5.256
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	**-4.236**	**2.062**	**116.3**	**217.3**	**3.840**	**1.234**
Stddev	1.270	3.821	1.1	1.3	.443	.253
%RSD	29.99	185.3	.9225	.6146	11.54	20.49
#1	-3.403	.7016	115.5	217.2	3.869	1.220
#2	-5.698	6.377	116.0	215.9	4.268	1.493
#3	-3.608	-.8934	117.5	218.6	3.383	.9882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44767-a-5-a@4 Acquired: 9/20/2012 20:06:07 Type: Unk
Method: SW846_091912(v3) 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	**4.450**	**34.66**	**1060.**	**1528.**
Stddev	.564	.21	4.	10.
%RSD	12.68	.6004	.3542	.6400
#1	3.894	34.81	1062.	1517.
#2	4.434	34.42	1055.	1533.
#3	5.023	34.75	1062.	1534.
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	**4156.2**	**38903.**	**3988.4**
Stddev	13.0	227.	27.6
%RSD	.31283	.58317	.69276
#1	4144.7	38785.	3958.3
#2	4170.3	39165.	3994.2
#3	4153.5	38759.	4012.6

Sample Name: 460-44805-a-5-b du@4 Acquired: 9/20/2012 20:10:11 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28590.**	**6.744**	**-1.113**	**265.0**	**1.679**	**19710.**
Stddev	136.	1.070	.579	.4	.005	72.
%RSD	.4764	15.87	52.04	.1537	.3095	.3635
#1	28490.	6.533	-1.423	264.9	1.679	19680.
#2	28750.	5.794	-.4448	264.6	1.683	19790.
#3	28530.	7.903	-1.472	265.4	1.673	19660.
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	**.2485**	**25.03**	**41.36**	**67.03**	**57170.**	**2822.**
Stddev	.0878	.42	.87	2.59	446.	26.
%RSD	35.31	1.659	2.102	3.866	.7795	.9085
#1	.1769	24.59	41.97	69.64	57330.	2792.
#2	.3464	25.42	40.36	66.99	56670.	2838.
#3	.2222	25.07	41.74	64.46	57510.	2836.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-5-b du@4 Acquired: 9/20/2012 20:10:11 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**9857.**	**727.1**	**628.5**	**37.07**	**16.25**	**1.994**
Stddev	67.	5.6	13.1	.52	.17	2.065
%RSD	.6801	.7682	2.082	1.397	1.064	103.6
#1	9879.	729.2	622.0	37.26	16.45	3.289
#2	9782.	720.8	643.6	36.48	16.15	3.080
#3	9910.	731.3	620.0	37.46	16.15	-.3879
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	**-.0790**	**1.538**	**76.68**	**106.9**	**5.857**	**.3322**
Stddev	1.444	3.920	.18	.1	.785	.2253
%RSD	1828.	254.9	.2374	.1258	13.40	67.82
#1	1.192	3.601	76.60	106.8	6.389	.1677
#2	-1.649	3.997	76.55	107.1	4.956	.2400
#3	.2205	-2.983	76.89	107.0	6.225	.5890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-5-b du@4 Acquired: 9/20/2012 20:10:11 Type: Unk
Method: SW846_091912(v3) 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	**-1.246**	**353.5**	**1173.**	**1270.**
Stddev	.855	1.5	2.	81.
%RSD	68.59	.4331	.2054	6.371
#1	-2.205	353.2	1170.	1346.
#2	-.5648	355.2	1175.	1279.
#3	-.9682	352.2	1173.	1185.
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	**4168.4**	**40012.**	**3973.3**
Stddev	1.7	413.	16.7
%RSD	.04001	1.0332	.41951
#1	4169.1	39636.	3955.7
#2	4166.5	40455.	3975.4
#3	4169.5	39946.	3988.8

Sample Name: 460-44805-a-5-a@4 Acquired: 9/20/2012 20:14:19 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28280.**	**6.332**	**-1.367**	**263.5**	**1.593**	**19510.**
Stddev	92.	1.256	.420	.8	.078	153.
%RSD	.3239	19.83	30.72	.2968	4.885	.7824
#1	28200.	7.257	-1.840	263.6	1.508	19340.
#2	28380.	4.903	-1.036	264.3	1.661	19640.
#3	28270.	6.837	-1.226	262.7	1.611	19550.
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	**.1562**	**24.92**	**42.67**	**68.53**	**58180.**	**2809.**
Stddev	.0814	.07	.27	3.68	162.	45.
%RSD	52.13	.2672	.6225	5.364	.2790	1.617
#1	.2280	24.96	42.78	72.28	58340.	2768.
#2	.0678	24.97	42.85	64.94	58180.	2858.
#3	.1728	24.85	42.36	68.37	58020.	2801.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-5-a@4 Acquired: 9/20/2012 20:14:19 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10050.**	**740.0**	**620.1**	**36.66**	**16.89**	**3.599**
Stddev	44.	2.3	19.4	.71	1.06	1.040
%RSD	.4382	.3120	3.132	1.931	6.280	28.90
#1	10090.	742.3	631.4	35.84	17.04	4.798
#2	10050.	740.0	597.7	37.12	17.87	3.054
#3	10000.	737.7	631.2	37.02	15.76	2.945
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**	**-2.579**	**77.53**	**106.1**	**5.718**	**.0044**
Stddev	1.808	2.686	.97	.3	.432	.7067
%RSD	105.2	104.2	1.250	.2534	7.558	16190.
#1	-3.651	-4.552	78.62	105.9	5.912	.7092
#2	-.0696	.4800	77.21	106.4	6.019	-.7042
#3	-1.433	-3.664	76.77	106.0	5.223	.0081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-5-a@4 Acquired: 9/20/2012 20:14:19 Type: Unk
Method: SW846_091912(v3) 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	**-1.530**	**350.6**	**1159.**	**1288.**
Stddev	.414	1.2	4.	59.
%RSD	27.05	.3539	.3564	4.601
#1	-1.909	350.1	1157.	1341.
#2	-1.089	352.1	1163.	1298.
#3	-1.591	349.8	1156.	1224.
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	**4157.7**	**39029.**	**4008.2**
Stddev	21.8	199.	21.2
%RSD	.52369	.51002	.52937
#1	4165.1	38800.	3988.3
#2	4133.2	39155.	4030.5
#3	4174.8	39134.	4005.9

Sample Name: sd 460-44805-a-5-a@2 Acquired: 9/20/2012 20:18:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5779.**	**2.855**	**-.1405**	**53.37**	**.2770**	**3930.**
Stddev	38.	.381	.4944	.30	.1041	59.
%RSD	.6604	13.33	351.9	.5571	37.59	1.491
#1	5823.	3.165	-.7012	53.61	.3329	3998.
#2	5755.	2.971	.0466	53.47	.1569	3898.
#3	5759.	2.430	.2330	53.04	.3413	3895.
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	**.0700**	**5.219**	**8.788**	**15.59**	**11870.**	**565.8**
Stddev	.1569	.124	1.041	2.09	132.	35.4
%RSD	224.0	2.366	11.84	13.37	1.114	6.255
#1	.2501	5.117	8.058	17.27	11880.	584.3
#2	-.0373	5.183	9.980	16.25	11730.	525.0
#3	-.0027	5.356	8.326	13.26	11990.	588.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44805-a-5-a@2 Acquired: 9/20/2012 20:18:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2084.**	**151.9**	**123.5**	**7.660**	**1.809**	**1.434**
Stddev	20.	1.6	1.8	.210	.367	1.232
%RSD	.9457	1.037	1.483	2.746	20.30	85.90
#1	2084.	151.7	125.0	7.823	1.710	2.637
#2	2064.	150.4	124.0	7.422	1.501	.1746
#3	2104.	153.5	121.5	7.733	2.215	1.492
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	**2.204**	**-1.193**	**15.32**	**21.60**	**1.157**	**-.0792**
Stddev	2.164	1.174	.61	.25	.504	.3631
%RSD	98.21	98.38	4.011	1.175	43.58	458.3
#1	.3107	-.1487	16.01	21.79	.7078	-.4715
#2	1.737	-.9670	14.86	21.69	1.061	.2451
#3	4.564	-2.463	15.08	21.31	1.702	-.0113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44805-a-5-a@2 Acquired: 9/20/2012 20:18:27 Type: Unk
Method: SW846_091912(v3) 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	**-.2659**	**71.63**	**233.5**	**249.1**
Stddev	.5379	.46	1.5	3.6
%RSD	202.3	.6482	.6375	1.428
#1	-.6768	72.00	234.7	249.1
#2	-.4637	71.11	233.9	252.7
#3	.3430	71.77	231.8	245.6
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	**4071.0**	**38809.**	**3861.3**
Stddev	4.5	237.	33.4
%RSD	.11111	.61092	.86419
#1	4067.5	39037.	3829.8
#2	4069.5	38825.	3896.3
#3	4076.1	38564.	3858.0

Sample Name: 460-44805-a-5-c ms@4 Acquired: 9/20/2012 20:22:37 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29660.**	**925.2**	**21.24**	**1245.**	**25.52**	**28150.**
Stddev	364.	5.9	1.09	8.	.33	233.
%RSD	1.226	.6334	5.113	.6366	1.292	.8286
#1	29430.	931.3	21.05	1252.	25.22	28080.
#2	30080.	919.6	20.27	1236.	25.87	27970.
#3	29470.	924.6	22.41	1247.	25.47	28410.
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	**24.26**	**266.4**	**133.7**	**185.9**	**56350.**	**11970.**
Stddev	.11	2.1	1.1	3.8	161.	146.
%RSD	.4372	.7835	.7854	2.063	.2861	1.219
#1	24.33	268.6	132.7	186.2	56430.	11870.
#2	24.14	264.4	134.8	189.6	56460.	12130.
#3	24.31	266.3	133.6	182.0	56170.	11900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-5-c ms@4 Acquired: 9/20/2012 20:22:37 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**18890.**	**951.6**	**10670.**	**282.2**	**267.1**	**198.4**
Stddev	17.	2.6	136.	1.8	2.2	1.9
%RSD	.0883	.2681	1.270	.6492	.8391	.9396
#1	18910.	952.7	10570.	283.6	269.4	197.4
#2	18880.	953.5	10830.	280.1	264.9	197.2
#3	18890.	948.7	10620.	283.0	267.0	200.5
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	**895.5**	**1022.**	**299.6**	**343.4**	**240.6**	**238.6**
Stddev	4.7	4.	1.8	2.4	.7	1.9
%RSD	.5260	.3727	.5923	.6848	.2911	.7817
#1	899.9	1025.	300.4	345.1	240.8	240.0
#2	890.5	1018.	300.7	340.7	239.8	236.5
#3	896.0	1022.	297.5	344.5	241.2	239.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-5-c ms@4 Acquired: 9/20/2012 20:22:37 Type: Unk
Method: SW846_091912(v3) 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	**246.0**	**542.7**	**1390.**	**1629.**
Stddev	1.6	6.7	14.	27.
%RSD	.6584	1.240	.9837	1.640
#1	247.6	538.4	1381.	1660.
#2	244.3	550.4	1406.	1617.
#3	246.0	539.3	1382.	1611.
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	**4068.8**	**38775.**	**3955.7**
Stddev	23.5	188.	46.1
%RSD	.57759	.48599	1.1664
#1	4048.6	38716.	3942.8
#2	4094.6	38985.	3917.4
#3	4063.2	38623.	4006.9

Sample Name: lcssrm 460-128551/2- Acquired: 9/20/2012 20:26:33 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **26880.**	F **801.0**	F **205.1**	F **994.0**	F **550.3**	F **31110.**
Stddev	209.	8.6	2.1	8.5	3.8	300.
%RSD	.7783	1.068	1.030	.8503	.6853	.9638
#1	27120.	797.1	203.7	990.6	554.6	31100.
#2	26710.	810.8	207.6	1004.	548.1	31410.
#3	26820.	795.1	204.2	987.8	548.1	30810.
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	1000.
Range	±1200.	±800.0	±800.0	±800.0	±800.0	±1200.

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	F **510.4**	F **672.1**	F **578.0**	F **595.7**	F **54350.**	F **12870.**
Stddev	5.2	6.1	5.9	3.5	563.	127.
%RSD	1.010	.9034	1.029	.5942	1.035	.9878
#1	508.4	669.1	573.4	597.9	53880.	12990.
#2	516.3	679.1	584.7	597.6	54970.	12740.
#3	506.6	668.2	575.8	591.6	54190.	12870.
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	10000.
Range	±800.0	±800.0	±800.0	±800.0	±1200.	±8000.

Sample Name: lcssrm 460-128551/2- Acquired: 9/20/2012 20:26:33 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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 **11440.**	F **1685.**	F **1672.**	F **359.8**	F **393.2**	F **1042.**
Stddev	119.	17.	12.	4.1	3.2	11.
%RSD	1.042	.9894	.7061	1.135	.8240	1.052
#1	11340.	1671.	1685.	358.2	393.2	1037.
#2	11570.	1704.	1662.	364.5	396.5	1054.
#3	11410.	1681.	1670.	356.8	390.0	1034.
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	1000.
Range	±1200.	±800.0	±800.0	±800.0	±800.0	±800.0

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	F **596.1**	F **1112.**	F **413.2**	F **1331.**	F **412.4**	F **338.9**
Stddev	7.5	15.	3.8	14.	4.6	3.6
%RSD	1.259	1.343	.9184	1.015	1.124	1.075
#1	588.8	1105.	409.7	1327.	410.4	338.0
#2	603.8	1129.	417.2	1346.	417.7	342.9
#3	595.6	1101.	412.7	1319.	409.2	335.7
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	1000.
Range	±800.0	±800.0	±800.0	±800.0	±800.0	±800.0

Sample Name: lcssrm 460-128551/2- Acquired: 9/20/2012 20:26:33 Type: QC
Method: SW846_091912(v3) 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	F **731.5**	F **650.5**	F **870.7**	F **2511.**
Stddev	6.3	5.7	7.6	48.
%RSD	.8553	.8779	.8775	1.896
#1	728.0	657.0	879.5	2551.
#2	738.7	646.2	867.4	2523.
#3	727.8	648.4	865.4	2458.
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.
Range	±800.0	±800.0	±800.0	±1200.

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	**4134.6**	**38729.**	**3952.3**
Stddev	24.7	294.	61.2
%RSD	.59694	.75982	1.5494
#1	4136.6	38823.	3882.1
#2	4109.0	38399.	3980.0
#3	4158.2	38964.	3994.8

Sample Name: CCV Acquired: 9/20/2012 20:30:27 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**127500.**	**2528.**	**1251.**	**10120.**	**1017.**	**122800.**
Stddev	1241.	13.	21.	42.	12.	1020.
%RSD	.9735	.5124	1.679	.4174	1.180	.8311
#1	126300.	2527.	1230.	10110.	1007.	122300.
#2	127300.	2516.	1250.	10080.	1015.	122000.
#3	128800.	2542.	1272.	10160.	1030.	123900.
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	**1269.**	**2544.**	**5038.**	**12760.**	**100700.**	**51760.**
Stddev	6.	15.	86.	145.	1692.	686.
%RSD	.4750	.5842	1.714	1.135	1.681	1.325
#1	1269.	2543.	4960.	12630.	99150.	51070.
#2	1263.	2530.	5023.	12730.	100400.	51770.
#3	1275.	2560.	5131.	12910.	102500.	52450.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 20:30:27 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**5115.**	**132400.**	**2571.**	**7743.**	**1017.**
Stddev	2131.	81.	1200.	14.	34.	3.
%RSD	1.678	1.589	.9067	.5473	.4436	.3060
#1	124900.	5041.	131300.	2569.	7743.	1015.
#2	126900.	5103.	132100.	2558.	7709.	1016.
#3	129200.	5202.	133700.	2585.	7778.	1021.
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	**2502.**	**2579.**	**2505.**	**2533.**	**1002.**	**2540.**
Stddev	17.	16.	42.	14.	6.	11.
%RSD	.6900	.6265	1.691	.5455	.5668	.4474
#1	2497.	2572.	2465.	2531.	1000.	2538.
#2	2488.	2568.	2502.	2521.	997.3	2530.
#3	2521.	2598.	2549.	2548.	1008.	2553.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 20:30:27 Type: QC
Method: SW846_091912(v3) 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	**1023.**	**5231.**	**10320.**	**9625.**
Stddev	4.	57.	112.	49.
%RSD	.3913	1.090	1.088	.5094
#1	1023.	5178.	10220.	9579.
#2	1019.	5223.	10310.	9620.
#3	1027.	5291.	10440.	9676.
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	**3686.1**	**34607.**	**3700.0**
Stddev	9.0	446.	18.7
%RSD	.24494	1.2887	.50611
#1	3681.0	35110.	3719.4
#2	3696.5	34449.	3698.6
#3	3680.7	34261.	3682.0

Sample Name: CCB Acquired: 9/20/2012 20:34:19 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-11.18**	**-.4986**	**-1.062**	**.2941**	**-.0178**	**.1850**
Stddev	27.12	1.975	.366	.1474	.1055	17.21
%RSD	242.6	396.1	34.44	50.11	593.9	9305.
#1	17.92	.6127	-.6775	.4145	.0813	14.96
#2	-15.71	.6702	-1.405	.3381	-.0059	-18.72
#3	-35.75	-2.779	-1.103	.1298	-.1288	4.313
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	**.1217**	**.0251**	**.4397**	**3.817**	**6.749**	**205.8**
Stddev	.1292	.1189	.2693	3.900	11.25	66.9
%RSD	106.1	474.4	61.26	102.2	166.7	32.53
#1	.0947	.0723	.7444	4.688	14.90	281.1
#2	.2623	-.1102	.3411	7.208	11.43	153.0
#3	.0082	.1131	.2336	-.4447	-6.085	183.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 20:34:19 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1.727**	**.2452**	**101.9**	**-.0400**	**-1.286**	**2.263**
Stddev	7.362	.2828	59.6	.3525	.995	4.476
%RSD	426.3	115.4	58.46	881.3	77.33	197.8
#1	9.669	.5715	167.9	.3578	-1.215	3.425
#2	.3819	.0697	85.59	-.1643	-.3291	6.043
#3	-4.870	.0944	52.17	-.3134	-2.314	-2.680
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	**1.399**	**2.450**	**-.0594**	**-.0778**	**1.645**	**.6260**
Stddev	1.935	1.469	.2327	.1104	1.152	.5617
%RSD	138.3	59.95	392.1	141.9	70.04	89.73
#1	-.4222	4.098	-.0204	-.0981	2.823	1.257
#2	1.188	1.280	-.3091	.0414	1.593	.4395
#3	3.431	1.971	.1515	-.1766	.5201	.1812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 20:34:19 Type: QC
Method: SW846_091912(v3) 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	**-.2519**	**.4650**	**1.948**	**-3.707**
Stddev	.2444	.7461	2.734	19.44
%RSD	97.01	160.4	140.4	524.4
#1	-.4588	1.322	4.978	-10.16
#2	-.3146	.1110	-.3346	18.14
#3	.0177	-.0381	1.201	-19.10
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	**4024.9**	**38170.**	**3792.9**
Stddev	18.6	439.	48.2
%RSD	.46302	1.1503	1.2718
#1	4031.1	37799.	3743.4
#2	4003.9	38655.	3795.6
#3	4039.6	38056.	3839.7

Sample Name: mb 460-128551/1-a@2 Acquired: 9/20/2012 20:38:33 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **8.406**	F **-.2344**	F **-.8164**	F **.0434**	F **-.0278**	F **57.43**
Stddev	8.293	.6034	.4842	.1375	.0415	12.58
%RSD	98.66	257.4	59.31	316.8	149.2	21.91
#1	10.11	.4096	-.4004	-.0939	.0089	54.85
#2	-.6081	-.7867	-1.348	.1811	-.0196	46.33
#3	15.71	-.3261	-.7010	.0431	-.0728	71.10
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	1000.
Range	±800.0	±800.0	±800.0	±800.0	±800.0	±800.0

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	F **.0256**	F **.0884**	F **.1778**	F **8.649**	F **5.311**	F **84.69**
Stddev	.0759	.0542	.8526	.764	1.934	18.29
%RSD	297.0	61.33	479.4	8.831	36.41	21.60
#1	.0278	.1185	.7498	8.904	3.094	73.13
#2	.1004	.1209	-.8021	7.791	6.185	75.17
#3	-.0515	.0258	.5857	9.253	6.653	105.8
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	10000.
Range	±800.0	±800.0	±800.0	±800.0	±800.0	±8000.

Sample Name: mb 460-128551/1-a@2 Acquired: 9/20/2012 20:38:33 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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 **-4.182**	F **.1124**	F **40.23**	F **-.1459**	F **-.5267**	F **3.845**
Stddev	2.283	.0924	19.31	.2024	.7763	.837
%RSD	54.60	82.23	48.00	138.7	147.4	21.77
#1	-3.741	.1159	57.95	-.2646	-.6037	3.649
#2	-6.653	.2030	19.65	-.2609	-1.262	3.124
#3	-2.151	.0183	43.08	.0878	.2852	4.763
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	1000.
Range	±800.0	±800.0	±800.0	±800.0	±800.0	±800.0

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	F **1.875**	F **-1.329**	F **.2356**	F **.6960**	F **6.689**	F **.1834**
Stddev	2.210	1.068	.1891	.0885	.909	.3478
%RSD	117.9	80.42	80.26	12.71	13.59	189.6
#1	.8529	-1.780	.0561	.6890	7.005	.1720
#2	.3615	-2.097	.2177	.6112	7.398	.5367
#3	4.411	-.1085	.4329	.7877	5.665	-.1586
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.	1000.	1000.
Range	±800.0	±800.0	±800.0	±800.0	±800.0	±800.0

Sample Name: mb 460-128551/1-a@2 Acquired: 9/20/2012 20:38:33 Type: QC
Method: SW846_091912(v3) 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	F **-.2546**	F **.5627**	F **.0610**	F **14.53**
Stddev	.2346	.0194	.7138	5.08
%RSD	92.14	3.448	1170.	34.94
#1	-.2811	.5498	-.1818	17.44
#2	-.4747	.5850	-.4996	8.664
#3	-.0079	.5532	.8645	17.47
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	1000.	1000.	1000.	1000.
Range	±800.0	±800.0	±800.0	±800.0
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	**3954.7**	**38111.**	**3788.3**	
Stddev	31.8	469.	40.0	
%RSD	.80354	1.2312	1.0546	
#1	3918.0	37583.	3830.3	
#2	3973.5	38271.	3750.9	
#3	3972.7	38480.	3783.6	

Sample Name: pds 460-44805-a-5-a@ Acquired: 9/20/2012 20:42:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29920.**	**1850.**	**44.81**	**2191.**	**49.11**	**36990.**
Stddev	321.	20.	1.04	24.	.67	66.
%RSD	1.074	1.070	2.315	1.102	1.368	.1784
#1	29770.	1845.	45.73	2186.	48.78	37040.
#2	29700.	1834.	45.02	2170.	48.67	37020.
#3	30290.	1872.	43.68	2218.	49.89	36920.
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	**47.73**	**501.8**	**229.9**	**300.5**	**58320.**	**21650.**
Stddev	.45	5.9	3.4	3.2	641.	216.
%RSD	.9360	1.171	1.472	1.057	1.099	.9977
#1	47.45	501.3	233.7	296.9	58990.	21500.
#2	47.50	496.2	228.7	302.9	58250.	21560.
#3	48.24	508.0	227.2	301.8	57710.	21900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44805-a-5-a@ Acquired: 9/20/2012 20:42:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**28490.**	**1212.**	**20630.**	**521.0**	**505.4**	**460.2**
Stddev	286.	12.	233.	6.7	6.3	6.2
%RSD	1.004	1.004	1.131	1.295	1.254	1.350
#1	28780.	1225.	20480.	518.7	504.3	458.2
#2	28470.	1210.	20520.	515.6	499.7	455.1
#3	28210.	1201.	20900.	528.5	512.2	467.1
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	**1786.**	**2008.**	**537.5**	**574.1**	**476.7**	**476.2**
Stddev	22.	19.	6.2	6.9	4.7	5.7
%RSD	1.231	.9680	1.151	1.200	.9961	1.198
#1	1782.	2006.	544.0	572.4	475.4	473.7
#2	1766.	1989.	537.1	568.2	472.8	472.2
#3	1809.	2028.	531.6	581.6	482.0	482.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44805-a-5-a@ Acquired: 9/20/2012 20:42:47 Type: Unk
Method: SW846_091912(v3) 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	**491.4**	**818.0**	**1642.**	**1373.**
Stddev	5.1	8.9	15.	15.
%RSD	1.037	1.093	.9358	1.118
#1	489.9	812.6	1632.	1376.
#2	487.3	813.2	1633.	1387.
#3	497.1	828.4	1659.	1357.
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	**4070.4**	**38375.**	**3954.0**
Stddev	28.0	60.	42.1
%RSD	.68814	.15581	1.0645
#1	4074.5	38316.	3957.4
#2	4096.1	38373.	3994.3
#3	4040.6	38435.	3910.3

Sample Name: 460-44778-b-1-b@4 Acquired: 9/20/2012 20:46:41 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**66330.**	**58.43**	**-1.616**	**650.4**	**5.266**	**50250.**
Stddev	175.	1.96	.462	2.7	.154	239.
%RSD	.2639	3.346	28.61	.4098	2.931	.4753
#1	66240.	60.69	-1.327	648.5	5.408	50070.
#2	66220.	57.33	-2.149	649.3	5.102	50520.
#3	66530.	57.28	-1.372	653.5	5.290	50160.
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	**-.3598**	**74.11**	**186.6**	**49.36**	**163700.**	**13620.**
Stddev	.0858	.28	1.0	2.75	280.	37.
%RSD	23.85	.3811	.5207	5.562	.1710	.2694
#1	-.4492	74.24	186.2	46.26	163900.	13650.
#2	-.3522	73.78	187.7	51.50	163400.	13610.
#3	-.2780	74.30	185.9	50.32	163800.	13580.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44778-b-1-b@4 Acquired: 9/20/2012 20:46:41 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**36720.**	**2441.**	**564.3**	**162.2**	**74.01**	**5.131**
Stddev	43.	4.	4.1	.7	.36	1.133
%RSD	.1165	.1584	.7309	.4583	.4851	22.07
#1	36680.	2445.	564.8	161.3	74.25	3.955
#2	36710.	2438.	560.0	162.4	74.18	5.222
#3	36760.	2439.	568.2	162.8	73.60	6.214
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	**-2.497**	**-.9241**	**129.2**	**379.4**	**34.89**	**1.784**
Stddev	1.659	2.229	.8	2.0	.66	.156
%RSD	66.43	241.2	.6039	.5403	1.906	8.755
#1	-4.338	.9768	128.3	378.1	35.66	1.711
#2	-1.119	-3.377	129.3	378.3	34.50	1.963
#3	-2.033	-.3724	129.9	381.8	34.51	1.678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44778-b-1-b@4 Acquired: 9/20/2012 20:46:41 Type: Unk
Method: SW846_091912(v3) 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	**3.603**	**371.6**	**1741.**	**1293.**
Stddev	.723	.4	3.	14.
%RSD	20.07	.1151	.1457	1.076
#1	2.995	371.1	1739.	1278.
#2	4.402	371.9	1744.	1305.
#3	3.411	371.6	1741.	1295.
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	**4051.9**	**38325.**	**3934.0**
Stddev	6.3	94.	17.5
%RSD	.15657	.24424	.44515
#1	4045.3	38288.	3920.6
#2	4058.0	38255.	3953.8
#3	4052.3	38431.	3927.4

Sample Name: 460-44778-b-2-b@4 Acquired: 9/20/2012 20:50:44 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**66740.**	**9.049**	**-1.212**	**501.8**	**4.335**	**10030.**
Stddev	345.	.898	.652	.9	.058	73.
%RSD	.5166	9.924	53.77	.1817	1.345	.7323
#1	66360.	9.839	-1.928	501.4	4.402	10010.
#2	66850.	9.236	-1.054	501.2	4.294	10110.
#3	67020.	8.072	-.6541	502.9	4.310	9969.
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	**-.4591**	**74.06**	**132.2**	**50.03**	**151000.**	**9253.**
Stddev	.1609	.17	1.9	3.41	1774.	56.
%RSD	35.05	.2328	1.445	6.808	1.175	.6071
#1	-.3889	74.22	130.0	53.85	149200.	9212.
#2	-.6433	73.88	133.5	47.30	152800.	9231.
#3	-.3452	74.09	133.1	48.94	151100.	9317.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44778-b-2-b@4 Acquired: 9/20/2012 20:50:44 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**24550.**	**3636.**	**447.0**	**130.2**	**91.77**	**5.880**
Stddev	284.	43.	23.1	.1	.83	2.219
%RSD	1.156	1.193	5.166	.0900	.9066	37.74
#1	24260.	3590.	432.0	130.1	91.02	5.402
#2	24830.	3677.	435.4	130.3	91.62	3.938
#3	24570.	3642.	473.6	130.1	92.67	8.298
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	**-2.011**	**-5.914**	**135.5**	**305.8**	**30.28**	**2.996**
Stddev	1.352	2.746	2.5	.4	.91	.415
%RSD	67.23	46.43	1.845	.1447	3.008	13.86
#1	-3.392	-6.439	132.6	305.5	30.96	3.369
#2	-1.951	-8.358	137.0	305.7	29.25	3.071
#3	-.6902	-2.943	136.9	306.3	30.64	2.548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44778-b-2-b@4 Acquired: 9/20/2012 20:50:44 Type: Unk
Method: SW846_091912(v3) 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	**2.539**	**116.2**	**1938.**	**1465.**
Stddev	.647	.7	9.	13.
%RSD	25.49	.6224	.4863	.9004
#1	3.217	115.4	1928.	1452.
#2	2.473	116.7	1942.	1479.
#3	1.927	116.6	1946.	1464.
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	**4061.7**	**38428.**	**3905.3**
Stddev	6.1	253.	13.8
%RSD	.14945	.65778	.35415
#1	4054.8	38712.	3896.6
#2	4066.0	38227.	3921.3
#3	4064.4	38345.	3898.1

Sample Name: 460-44778-a-4-b@4 Acquired: 9/20/2012 20:54:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48290.**	**24.16**	**-1.605**	**433.3**	**3.340**	**58140.**
Stddev	197.	2.52	.458	4.0	.125	547.
%RSD	.4068	10.42	28.54	.9319	3.747	.9413
#1	48080.	21.89	-2.013	437.6	3.317	58680.
#2	48320.	26.87	-1.109	429.6	3.476	58160.
#3	48470.	23.73	-1.692	432.6	3.229	57580.
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	**.1236**	**48.19**	**85.57**	**84.22**	**99860.**	**6688.**
Stddev	.1560	.46	1.86	1.99	1395.	33.
%RSD	126.2	.9481	2.176	2.364	1.397	.4915
#1	.2600	48.67	87.33	84.87	101100.	6670.
#2	-.0465	47.76	85.77	81.99	100100.	6726.
#3	.1573	48.15	83.62	85.81	98350.	6668.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44778-a-4-b@4 Acquired: 9/20/2012 20:54:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**17750.**	**1882.**	**740.9**	**95.43**	**98.79**	**5.512**
Stddev	256.	27.	16.0	1.32	.47	1.057
%RSD	1.442	1.443	2.154	1.382	.4765	19.17
#1	17990.	1905.	723.4	96.04	99.33	5.633
#2	17790.	1888.	744.6	93.91	98.50	4.399
#3	17480.	1852.	754.7	96.32	98.54	6.503
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	**6.518**	**.6581**	**112.8**	**262.8**	**29.79**	**2.949**
Stddev	6.502	1.269	2.4	2.3	.96	.305
%RSD	99.76	192.9	2.109	.8677	3.210	10.36
#1	4.000	-.5522	114.7	265.1	30.82	2.647
#2	1.652	.5475	113.5	260.5	28.93	2.941
#3	13.90	1.979	110.1	262.8	29.63	3.258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44778-a-4-b@4 Acquired: 9/20/2012 20:54:47 Type: Unk
Method: SW846_091912(v3) 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	**3.542**	**467.4**	**1710.**	**1913.**
Stddev	.727	1.5	7.	27.
%RSD	20.53	.3216	.4176	1.433
#1	4.308	466.4	1707.	1938.
#2	3.456	466.6	1705.	1884.
#3	2.861	469.1	1718.	1917.
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	**3970.4**	**37852.**	**3868.8**
Stddev	31.5	320.	8.5
%RSD	.79263	.84558	.22069
#1	3938.5	37526.	3867.0
#2	4001.4	37862.	3878.1
#3	3971.3	38166.	3861.3

Sample Name: 460-44628-f-1-d@4 Acquired: 9/20/2012 20:58:50 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**39320.**	**22.32**	**6.606**	**530.1**	**12.01**	**15230.**
Stddev	50.	1.02	1.214	2.2	.07	77.
%RSD	.1276	4.589	18.38	.4058	.5450	.5031
#1	39270.	23.42	6.840	531.2	11.93	15320.
#2	39340.	21.39	7.685	527.6	12.03	15170.
#3	39360.	22.16	5.291	531.5	12.06	15200.
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	**42.58**	**85.70**	**608.9**	**2027.**	**148800.**	**1957.**
Stddev	.25	.39	1.7	3.	428.	23.
%RSD	.5907	.4589	.2777	.1642	.2874	1.189
#1	42.50	85.92	608.7	2023.	148800.	1983.
#2	42.38	85.24	610.6	2027.	149200.	1939.
#3	42.86	85.93	607.3	2030.	148300.	1948.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-f-1-d@4 Acquired: 9/20/2012 20:58:50 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**16100.**	**2187.**	**1442.**	**488.8**	**3373.**	**9.525**
Stddev	47.	5.	9.	2.7	7.	.972
%RSD	.2914	.2493	.6450	.5548	.2145	10.20
#1	16100.	2186.	1441.	487.8	3375.	9.297
#2	16150.	2193.	1451.	486.7	3365.	8.687
#3	16060.	2183.	1432.	491.8	3380.	10.59
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	**7.661**	**-.5727**	**313.2**	F **7054.**	**72.26**	**53.54**
Stddev	1.137	1.940	1.2	23.	.88	.56
%RSD	14.84	338.7	.3822	.3232	1.220	1.043
#1	6.599	-1.051	312.4	7064.	73.00	54.18
#2	8.860	-2.229	314.6	7028.	71.28	53.20
#3	7.525	1.562	312.6	7070.	72.50	53.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-44628-f-1-d@4 Acquired: 9/20/2012 20:58:50 Type: Unk
Method: SW846_091912(v3) 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	**443.8**	**126.9**	**1345.**	**1430.**
Stddev	1.9	.7	3.	56.
%RSD	.4366	.5708	.2527	3.895
#1	444.7	126.1	1342.	1389.
#2	441.6	127.5	1348.	1493.
#3	445.2	127.1	1344.	1408.
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	**4097.3**	**38685.**	**4006.8**
Stddev	10.7	69.	28.2
%RSD	.26110	.17768	.70338
#1	4105.9	38673.	3980.1
#2	4100.7	38623.	4036.3
#3	4085.3	38759.	4004.1

Sample Name: 460-44628-g-2-c@4 Acquired: 9/20/2012 21:02:51 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20410.**	**7.924**	**-1.363**	**95.43**	**1.099**	**31570.**
Stddev	416.	2.875	.089	.72	.090	353.
%RSD	2.039	36.29	6.555	.7553	8.167	1.119
#1	20070.	5.300	-1.417	95.70	1.203	31530.
#2	20870.	11.00	-1.260	95.98	1.049	31950.
#3	20280.	7.473	-1.413	94.61	1.045	31240.
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	**1.195**	**27.09**	**47.32**	**91.90**	**55750.**	**1954.**
Stddev	.083	.23	.49	4.13	419.	69.
%RSD	6.974	.8468	1.025	4.488	.7508	3.505
#1	1.220	27.16	47.29	91.23	55980.	1886.
#2	1.102	27.27	47.82	96.32	56010.	2023.
#3	1.263	26.83	46.85	88.15	55270.	1954.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-g-2-c@4 Acquired: 9/20/2012 21:02:51 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19480.**	**1073.**	**654.6**	**56.91**	**45.13**	**2.397**
Stddev	153.	10.	.6	.88	1.21	1.909
%RSD	.7833	.9110	.0930	1.545	2.689	79.64
#1	19530.	1078.	655.0	57.56	45.24	.1930
#2	19600.	1080.	653.9	57.26	46.28	3.465
#3	19310.	1062.	654.9	55.91	43.86	3.533
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	**2.166**	**1.394**	**78.92**	**193.1**	**31.00**	**.3223**
Stddev	2.163	.768	.36	1.5	.32	.1224
%RSD	99.86	55.15	.4577	.7854	1.037	37.97
#1	4.652	1.679	79.19	193.8	30.74	.2006
#2	1.133	.5230	79.07	194.1	31.36	.3209
#3	.7136	1.978	78.51	191.3	30.90	.4454
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-g-2-c@4 Acquired: 9/20/2012 21:02:51 Type: Unk
Method: SW846_091912(v3) 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	**-.0068**	**52.56**	**1389.**	**532.2**
Stddev	.4848	.72	26.	11.4
%RSD	7150.	1.373	1.887	2.133
#1	-.4350	52.04	1371.	528.4
#2	-.1048	53.39	1419.	545.0
#3	.5195	52.27	1377.	523.3
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	**4070.0**	**38362.**	**3905.4**
Stddev	22.2	134.	9.4
%RSD	.54563	.34824	.24116
#1	4053.9	38289.	3914.5
#2	4060.7	38281.	3895.7
#3	4095.3	38516.	3906.0

Sample Name: 460-44822-a-1-a@4 Acquired: 9/20/2012 21:11:03 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**43940.**	**49.47**	**.0344**	**491.0**	**4.102**	**8519.**
Stddev	632.	1.56	.8362	4.4	.036	67.
%RSD	1.439	3.153	2429.	.8874	.8798	.7816
#1	43690.	48.62	-.0499	486.5	4.109	8444.
#2	43480.	51.27	-.7564	491.5	4.063	8572.
#3	44660.	48.51	.9096	495.2	4.134	8540.
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	**6.990**	**44.43**	**154.6**	**276.8**	**95880.**	**4086.**
Stddev	.326	.27	2.0	3.7	1249.	109.
%RSD	4.662	.5974	1.288	1.337	1.303	2.678
#1	6.626	44.25	153.3	279.2	95160.	4006.
#2	7.254	44.74	153.5	272.5	95150.	4041.
#3	7.091	44.31	156.9	278.6	97320.	4211.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44822-a-1-a@4 Acquired: 9/20/2012 21:11:03 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**8979.**	**1739.**	**215.8**	**88.31**	**275.4**	**4.196**
Stddev	110.	21.	4.9	.20	2.9	.551
%RSD	1.219	1.224	2.258	.2256	1.039	13.12
#1	8907.	1726.	220.5	88.18	272.1	4.430
#2	8926.	1727.	216.2	88.21	276.8	3.566
#3	9105.	1764.	210.8	88.54	277.3	4.590
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	**1.795**	**-2.027**	**128.1**	**1571.**	**29.64**	**3.081**
Stddev	1.764	2.099	2.0	13.	.51	.371
%RSD	98.24	103.6	1.533	.8372	1.710	12.03
#1	1.268	-3.442	126.8	1556.	29.12	2.917
#2	.3554	.3852	127.1	1576.	29.68	3.506
#3	3.763	-3.023	130.4	1581.	30.13	2.821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44822-a-1-a@4 Acquired: 9/20/2012 21:11:03 Type: Unk
Method: SW846_091912(v3) 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	**25.11**	**129.6**	**441.6**	**915.4**
Stddev	.24	1.4	3.4	31.1
%RSD	.9677	1.090	.7765	3.395
#1	24.83	128.8	439.4	897.6
#2	25.30	128.7	439.8	951.3
#3	25.18	131.2	445.5	897.3
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	**4177.5**	**39281.**	**4022.0**
Stddev	14.3	132.	38.7
%RSD	.34340	.33642	.96315
#1	4194.1	39320.	4022.4
#2	4168.2	39389.	4060.6
#3	4170.4	39133.	3983.1

Sample Name: 460-44628-a-13-e@10 Acquired: 9/20/2012 21:06:55 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1026.**	**137.4**	**-.5030**	**250.5**	**1.084**	**2877.**
Stddev	13.	.5	.5741	1.7	.084	30.
%RSD	1.221	.3712	114.1	.6753	7.743	1.049
#1	1022.	137.6	-1.064	252.5	1.180	2911.
#2	1016.	137.8	.0834	249.5	1.026	2859.
#3	1040.	136.8	-.5284	249.5	1.045	2859.
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	**4.659**	**3.335**	**18.66**	**31.34**	**13090.**	**727.5**
Stddev	.126	.148	.08	5.03	183.	25.0
%RSD	2.697	4.427	.4272	16.04	1.397	3.433
#1	4.627	3.203	18.63	26.99	13280.	726.0
#2	4.798	3.307	18.75	36.84	13070.	703.4
#3	4.552	3.494	18.60	30.18	12920.	753.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-13-e@10 Acquired: 9/20/2012 21:06:55 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**173.5**	**34.87**	**132.2**	**13.10**	**255.7**	**3.775**
Stddev	4.1	.40	9.2	.55	3.4	.606
%RSD	2.360	1.141	6.969	4.167	1.328	16.07
#1	176.5	35.32	140.4	13.51	259.5	3.752
#2	175.2	34.76	134.0	12.48	254.7	3.180
#3	168.9	34.55	122.2	13.30	252.9	4.392
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	**4.799**	**1.793**	**25.10**	**940.7**	**3.727**	**9.340**
Stddev	2.189	.435	.14	6.7	.500	.581
%RSD	45.61	24.24	.5415	.7120	13.42	6.223
#1	6.632	1.712	25.24	948.4	3.452	9.698
#2	5.390	1.404	24.96	937.0	3.424	9.653
#3	2.375	2.262	25.11	936.7	4.304	8.670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-13-e@10 Acquired: 9/20/2012 21:06:55 Type: Unk
Method: SW846_091912(v3) 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	**3.087**	**72.67**	**198.0**	**228.3**
Stddev	.543	.43	1.8	13.7
%RSD	17.58	.5973	.9118	6.014
#1	3.621	72.87	198.0	233.5
#2	2.536	72.18	199.8	212.7
#3	3.104	72.98	196.2	238.7
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	**4095.0**	**39677.**	**3932.6**
Stddev	12.7	266.	30.6
%RSD	.31019	.67032	.77908
#1	4081.7	39448.	3963.3
#2	4096.2	39613.	3902.0
#3	4107.0	39969.	3932.4

Sample Name: 460-44822-a-4-a@4 Acquired: 9/20/2012 21:15:08 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47220.**	**155.8**	**-1.156**	**1010.**	**4.952**	**16780.**
Stddev	612.	1.9	.131	6.	.117	146.
%RSD	1.296	1.195	11.29	.6101	2.368	.8689
#1	46530.	154.7	-1.301	1013.	4.827	16720.
#2	47430.	154.7	-1.120	1003.	4.970	16680.
#3	47700.	157.9	-1.048	1015.	5.060	16950.
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	**4.537**	**34.84**	**141.8**	**170.3**	**105000.**	**4511.**
Stddev	.073	.57	.4	1.6	460.	88.
%RSD	1.603	1.639	.3134	.9160	.4380	1.952
#1	4.545	35.08	141.3	171.5	104600.	4432.
#2	4.461	34.19	142.0	170.8	104800.	4606.
#3	4.606	35.25	142.1	168.5	105500.	4495.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44822-a-4-a@4 Acquired: 9/20/2012 21:15:08 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6991.**	**962.6**	**873.1**	**87.67**	**160.0**	**2.733**
Stddev	31.	4.3	17.0	.92	1.6	.312
%RSD	.4447	.4492	1.946	1.053	.9889	11.42
#1	6967.	959.4	861.5	87.99	159.5	2.471
#2	6979.	960.8	865.2	86.63	158.8	3.078
#3	7026.	967.5	892.6	88.39	161.8	2.650
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	**1.035**	**2.302**	**238.9**	**983.8**	**146.5**	**11.10**
Stddev	1.364	2.561	.4	6.0	1.1	.16
%RSD	131.8	111.3	.1708	.6100	.7447	1.464
#1	-.3202	1.130	238.5	985.7	146.5	11.13
#2	1.018	5.239	239.3	977.1	145.5	11.25
#3	2.409	.5363	239.0	988.6	147.6	10.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44822-a-4-a@4 Acquired: 9/20/2012 21:15:08 Type: Unk
Method: SW846_091912(v3) 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	**14.23**	**653.4**	**1087.**	**1612.**
Stddev	.47	7.1	14.	28.
%RSD	3.297	1.084	1.287	1.729
#1	14.43	645.4	1071.	1638.
#2	13.69	655.8	1091.	1616.
#3	14.56	658.9	1098.	1582.
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	**4124.3**	**39265.**	**4001.3**
Stddev	26.0	229.	41.2
%RSD	.62988	.58244	1.0298
#1	4120.9	39482.	4032.6
#2	4151.8	39285.	4016.7
#3	4100.1	39026.	3954.6

Sample Name: CCV Acquired: 9/20/2012 21:19:11 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126000.**	**2510.**	**1246.**	**10070.**	**997.7**	**120900.**
Stddev	1155.	23.	18.	114.	8.6	1031.
%RSD	.9171	.9072	1.436	1.129	.8652	.8526
#1	125100.	2490.	1226.	9960.	991.2	119800.
#2	125500.	2505.	1249.	10060.	994.4	121100.
#3	127300.	2534.	1262.	10190.	1007.	121800.
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.**	**2530.**	**5042.**	**12560.**	**100800.**	**51240.**
Stddev	14.	27.	77.	125.	1602.	513.
%RSD	1.091	1.057	1.522	.9964	1.590	1.001
#1	1249.	2504.	4961.	12460.	99050.	50780.
#2	1261.	2529.	5049.	12510.	101000.	51160.
#3	1276.	2558.	5114.	12700.	102200.	51790.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 21:19:11 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**5103.**	**131000.**	**2554.**	**7698.**	**1010.**
Stddev	1900.	79.	901.	25.	80.	10.
%RSD	1.500	1.549	.6873	.9600	1.040	.9937
#1	124600.	5019.	130600.	2529.	7620.	1000.
#2	127100.	5113.	130400.	2556.	7694.	1010.
#3	128300.	5176.	132100.	2578.	7780.	1020.
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	**2479.**	**2572.**	**2494.**	**2514.**	**998.7**	**2527.**
Stddev	27.	21.	41.	25.	12.2	28.
%RSD	1.069	.8095	1.625	1.012	1.224	1.112
#1	2457.	2552.	2453.	2489.	986.6	2499.
#2	2472.	2571.	2495.	2513.	998.5	2525.
#3	2509.	2594.	2534.	2540.	1011.	2555.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 21:19:11 Type: QC
Method: SW846_091912(v3) 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.**	**5154.**	**10140.**	**9474.**
Stddev	11.	45.	88.	169.
%RSD	1.070	.8778	.8640	1.788
#1	1005.	5120.	10070.	9286.
#2	1014.	5138.	10100.	9520.
#3	1027.	5205.	10240.	9616.
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	**3678.8**	**34393.**	**3706.9**
Stddev	29.9	432.	24.2
%RSD	.81156	1.2557	.65241
#1	3709.0	34887.	3694.0
#2	3677.9	34208.	3734.8
#3	3649.3	34085.	3692.0

Sample Name: CCB Acquired: 9/20/2012 21:23:02 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-20.33**	**.1218**	**-.7923**	**.3738**	**-.0423**	**-2.030**
Stddev	16.05	2.772	.3795	.1515	.1285	5.894
%RSD	78.93	2275.	47.90	40.52	303.9	290.4
#1	-13.05	.1195	-.5612	.1993	.1053	-6.867
#2	-9.216	2.895	-1.230	.4719	-.1295	4.535
#3	-38.73	-2.649	-.5854	.4501	-.1026	-3.757
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	**.1426**	**-.0591**	**.3011**	**8.054**	**10.11**	**166.1**
Stddev	.1062	.1041	.6415	2.132	9.71	14.7
%RSD	74.44	176.2	213.0	26.47	96.04	8.861
#1	.1371	.0069	.8690	10.47	2.332	183.0
#2	.0393	-.0051	-.3947	7.259	20.99	158.0
#3	.2515	-.1791	.4290	6.435	7.008	157.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 21:23:02 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6.591**	**.2895**	**69.41**	**.2530**	**-.1653**	**1.694**
Stddev	4.137	.1292	42.57	.3138	.2819	2.119
%RSD	62.77	44.63	61.32	124.0	170.5	125.1
#1	7.487	.4336	112.7	.0866	-.4861	1.660
#2	2.080	.2508	67.94	.0575	.0425	-.4085
#3	10.21	.1841	27.61	.6150	-.0522	3.829
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	**.7334**	**1.611**	**-.3267**	**.1138**	**1.928**	**.5451**
Stddev	3.070	2.955	.3345	.1403	1.068	.6055
%RSD	418.6	183.4	102.4	123.3	55.37	111.1
#1	1.648	3.261	.0074	.2568	2.122	1.221
#2	-2.690	3.373	-.6616	.1082	2.887	.3623
#3	3.242	-1.800	-.3259	-.0236	.7772	.0521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 21:23:02 Type: QC
Method: SW846_091912(v3) 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	**-.1773**	**.1806**	**1.901**	**8.974**
Stddev	.1973	.1973	2.244	8.350
%RSD	111.2	109.2	118.1	93.05
#1	-.4030	.3389	4.384	5.306
#2	-.0376	-.0404	1.303	3.085
#3	-.0913	.2432	.0162	18.53
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	**4014.5**	**38281.**	**3779.3**
Stddev	8.9	126.	6.2
%RSD	.22079	.32810	.16476
#1	4006.5	38337.	3772.2
#2	4013.0	38137.	3783.8
#3	4024.1	38369.	3781.9

Sample Name: 460-44616-a-3-a@4 Acquired: 9/20/2012 21:27:17 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25420.**	**53.00**	**-.1032**	**172.0**	**2.847**	**5594.**
Stddev	164.	1.62	.3392	1.3	.146	10.
%RSD	.6441	3.053	328.7	.7628	5.115	.1769
#1	25280.	52.66	-.2334	170.5	2.703	5582.
#2	25380.	54.77	-.3580	172.2	2.845	5599.
#3	25600.	51.59	.2818	173.1	2.994	5600.
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	**.1965**	**17.58**	**67.59**	**87.55**	**75980.**	**2424.**
Stddev	.1927	.14	.43	8.47	184.	31.
%RSD	98.09	.8213	.6389	9.670	.2417	1.296
#1	.0296	17.57	67.95	84.93	76120.	2424.
#2	.4074	17.73	67.70	80.70	76040.	2456.
#3	.1524	17.44	67.11	97.02	75770.	2393.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44616-a-3-a@4 Acquired: 9/20/2012 21:27:17 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3921.**	**257.3**	**282.1**	**48.47**	**69.00**	**2.968**
Stddev	7.	.2	1.4	.49	.93	1.751
%RSD	.1850	.0951	.4918	1.006	1.348	58.98
#1	3929.	257.5	282.1	47.92	68.63	4.149
#2	3917.	257.2	280.7	48.84	68.32	.9568
#3	3917.	257.0	283.4	48.65	70.06	3.798
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	**1.628**	**3.444**	**103.4**	**156.9**	**18.74**	**6.031**
Stddev	2.333	1.919	.5	.9	.34	.449
%RSD	143.3	55.72	.4876	.5966	1.810	7.453
#1	-.9936	2.764	103.6	155.8	18.36	5.518
#2	2.404	5.611	103.7	157.3	18.98	6.214
#3	3.475	1.958	102.8	157.5	18.89	6.359
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44616-a-3-a@4 Acquired: 9/20/2012 21:27:17 Type: Unk
Method: SW846_091912(v3) 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	**4.577**	**113.7**	**1188.**	**633.9**
Stddev	.339	.9	9.	36.0
%RSD	7.409	.8285	.7969	5.683
#1	4.691	112.8	1182.	594.0
#2	4.195	113.5	1184.	644.0
#3	4.844	114.7	1199.	663.8
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	**4137.4**	**39546.**	**4011.6**
Stddev	7.8	210.	31.9
%RSD	.18965	.53029	.79502
#1	4140.3	39306.	3992.3
#2	4128.5	39632.	4048.4
#3	4143.3	39698.	3994.1

Sample Name: 460-44616-a-4-a@4 Acquired: 9/20/2012 21:31:23 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27810.**	**152.0**	**.9226**	**125.5**	**2.908**	**7937.**
Stddev	64.	1.2	.1727	.5	.070	33.
%RSD	.2308	.8169	18.72	.3588	2.419	.4121
#1	27750.	151.8	1.106	125.0	2.838	7902.
#2	27800.	150.8	.8987	125.6	2.909	7967.
#3	27880.	153.3	.7631	125.9	2.978	7944.
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	**.2579**	**23.09**	**113.7**	**245.0**	**177000.**	**4611.**
Stddev	.1064	.14	.4	7.1	1190.	9.
%RSD	41.26	.6247	.3820	2.915	.6723	.2021
#1	.1885	23.00	113.6	238.8	177300.	4604.
#2	.2048	23.01	113.3	252.8	175600.	4621.
#3	.3804	23.26	114.2	243.4	177900.	4607.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44616-a-4-a@4 Acquired: 9/20/2012 21:31:23 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11870.**	**1143.**	**5486.**	**72.28**	**167.2**	**4.175**
Stddev	65.	8.	25.	.41	2.5	2.293
%RSD	.5508	.6606	.4521	.5658	1.503	54.91
#1	11880.	1145.	5458.	71.82	164.4	6.567
#2	11800.	1134.	5506.	72.41	168.1	3.963
#3	11930.	1148.	5494.	72.61	169.2	1.996
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	**4.189**	**2.844**	**133.9**	**431.4**	**38.61**	**2.055**
Stddev	1.002	.970	.6	2.9	.73	.184
%RSD	23.91	34.10	.4184	.6758	1.903	8.937
#1	4.570	2.405	134.5	428.1	39.46	1.865
#2	3.052	3.956	133.3	432.4	38.19	2.067
#3	4.943	2.172	134.0	433.6	38.19	2.232
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44616-a-4-a@4 Acquired: 9/20/2012 21:31:23 Type: Unk
Method: SW846_091912(v3) 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	**33.32**	**82.03**	**471.3**	**773.2**
Stddev	.70	.25	2.3	13.5
%RSD	2.100	.3079	.4929	1.742
#1	32.51	81.90	473.1	773.5
#2	33.73	81.86	468.7	759.5
#3	33.73	82.32	472.1	786.5
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	**4106.2**	**38763.**	**3980.3**
Stddev	15.1	51.	30.5
%RSD	.36743	.13094	.76609
#1	4123.5	38736.	4013.3
#2	4099.4	38821.	3953.0
#3	4095.7	38731.	3974.7

Sample Name: 460-44616-a-7-a@4 Acquired: 9/20/2012 21:35:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44720.**	**39.51**	**-1.575**	**78.60**	**3.006**	**4436.**
Stddev	915.	1.09	.503	.44	.181	30.
%RSD	2.046	2.765	31.94	.5619	6.030	.6848
#1	43770.	38.27	-2.028	79.03	3.185	4466.
#2	45600.	40.34	-1.034	78.64	2.823	4406.
#3	44790.	39.92	-1.662	78.15	3.010	4437.
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	**.0138**	**27.92**	**99.70**	**38.42**	**122600.**	**9360.**
Stddev	.1225	.07	1.00	2.26	815.	211.
%RSD	887.6	.2544	1.003	5.877	.6643	2.249
#1	.0801	27.97	100.6	35.81	123400.	9164.
#2	-.1275	27.95	99.83	39.61	122700.	9583.
#3	.0888	27.84	98.63	39.82	121800.	9332.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44616-a-7-a@4 Acquired: 9/20/2012 21:35:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19050.**	**802.2**	**15210.**	**70.01**	**33.57**	**1.775**
Stddev	92.	5.5	326.	.57	1.98	1.618
%RSD	.4809	.6849	2.143	.8083	5.896	91.15
#1	19130.	806.9	14870.	70.50	31.38	1.009
#2	19060.	803.5	15520.	70.14	34.11	.6829
#3	18950.	796.2	15240.	69.39	35.23	3.635
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	**-1.904**	**.4292**	**107.4**	**204.0**	**72.76**	**5.823**
Stddev	2.563	3.107	1.1	.2	.32	.095
%RSD	134.6	723.9	1.058	.0930	.4429	1.633
#1	-4.258	-.3111	108.1	204.2	72.48	5.877
#2	.8265	-2.241	108.0	203.9	72.69	5.879
#3	-2.280	3.840	106.1	203.9	73.11	5.713
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44616-a-7-a@4 Acquired: 9/20/2012 21:35:27 Type: Unk
Method: SW846_091912(v3) 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	**1.725**	**79.99**	**800.9**	**993.3**
Stddev	.107	1.58	16.8	11.9
%RSD	6.179	1.973	2.092	1.203
#1	1.814	78.42	783.5	979.5
#2	1.607	81.57	816.9	1000.
#3	1.753	79.99	802.3	1000.
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	**4148.1**	**38857.**	**4003.2**
Stddev	14.3	156.	50.8
%RSD	.34459	.40197	1.2687
#1	4132.3	38714.	4057.2
#2	4151.9	38834.	3956.4
#3	4160.1	39024.	3995.9

Sample Name: 460-44628-a-3-e@4 Acquired: 9/20/2012 21:39:31 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32810.**	**26.75**	**8.183**	**409.0**	**3.857**	**13670.**
Stddev	320.	.96	.354	.8	.118	75.
%RSD	.9738	3.593	4.332	.1846	3.063	.5451
#1	33020.	26.39	7.919	408.9	3.887	13610.
#2	32970.	27.84	8.043	408.4	3.726	13760.
#3	32450.	26.02	8.586	409.9	3.957	13650.
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	**33.40**	**68.75**	**488.0**	**1552.**	**120700.**	**1691.**
Stddev	.25	.20	11.8	17.	3039.	34.
%RSD	.7593	.2972	2.409	1.084	2.517	2.008
#1	33.62	68.61	477.1	1555.	118100.	1684.
#2	33.12	68.65	500.5	1567.	124000.	1728.
#3	33.46	68.98	486.5	1534.	120100.	1661.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-3-e@4 Acquired: 9/20/2012 21:39:31 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11780.**	**1610.**	**1131.**	**408.4**	**3107.**	**7.986**
Stddev	302.	41.	19.	1.6	2.	2.574
%RSD	2.561	2.570	1.636	.3983	.0644	32.24
#1	11530.	1575.	1150.	409.2	3108.	10.84
#2	12110.	1656.	1131.	406.5	3104.	5.830
#3	11680.	1600.	1113.	409.5	3108.	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	**4.795**	**-.2474**	**271.4**	F **5962.**	**51.05**	**43.51**
Stddev	2.406	2.761	7.6	7.	1.04	.50
%RSD	50.19	1116.	2.803	.1105	2.034	1.159
#1	2.024	-3.300	265.3	5964.	50.88	42.95
#2	6.366	.4851	279.9	5955.	52.16	43.65
#3	5.994	2.073	269.1	5968.	50.10	43.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-44628-a-3-e@4 Acquired: 9/20/2012 21:39:31 Type: Unk
Method: SW846_091912(v3) 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	**191.2**	**71.71**	**1177.**	**1119.**
Stddev	.4	.36	10.	22.
%RSD	.2078	.4971	.8366	1.979
#1	190.8	72.07	1184.	1128.
#2	191.3	71.70	1182.	1136.
#3	191.6	71.36	1166.	1094.
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	**4098.6**	**39208.**	**3960.7**
Stddev	14.7	624.	41.2
%RSD	.35814	1.5927	1.0390
#1	4085.2	39609.	3914.7
#2	4096.2	38489.	3973.4
#3	4114.3	39527.	3994.0

Sample Name: 460-44628-a-4-e@4 Acquired: 9/20/2012 21:43:33 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23780.**	**16.98**	**-1.069**	**315.8**	**1.820**	**42000.**
Stddev	203.	1.58	.188	.8	.124	171.
%RSD	.8516	9.322	17.54	.2645	6.818	.4070
#1	23720.	15.50	-1.011	316.0	1.678	41820.
#2	23620.	16.80	-1.279	314.9	1.908	42030.
#3	24010.	18.65	-.9179	316.5	1.874	42160.
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	**.9623**	**28.68**	**51.08**	**148.0**	**67800.**	**4304.**
Stddev	.1158	.03	1.16	2.8	457.	75.
%RSD	12.04	.0996	2.266	1.879	.6747	1.732
#1	.8297	28.64	50.26	149.5	67550.	4255.
#2	1.044	28.68	50.59	144.7	67520.	4267.
#3	1.013	28.70	52.41	149.6	68330.	4389.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-4-e@4 Acquired: 9/20/2012 21:43:33 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**13680.**	**1898.**	**334.1**	**61.42**	**58.63**	**3.084**
Stddev	104.	17.	11.6	.46	.49	4.707
%RSD	.7590	.8717	3.457	.7531	.8406	152.6
#1	13620.	1887.	322.0	60.92	58.11	7.345
#2	13620.	1889.	335.5	61.50	58.69	3.876
#3	13800.	1917.	344.9	61.83	59.09	-1.969
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	**1.230**	**-.9982**	**97.41**	**803.4**	**17.00**	**.4954**
Stddev	.624	1.369	1.17	1.1	.35	.3796
%RSD	50.71	137.2	1.197	.1350	2.048	76.63
#1	1.595	.4606	97.21	804.0	17.29	.8851
#2	1.585	-2.255	96.36	802.1	17.09	.1268
#3	.5100	-1.200	98.67	804.1	16.61	.4742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-4-e@4 Acquired: 9/20/2012 21:43:33 Type: Unk
Method: SW846_091912(v3) 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	**1.810**	**79.08**	**516.7**	**570.5**
Stddev	.178	.83	3.6	8.1
%RSD	9.861	1.052	.6994	1.415
#1	1.618	78.89	517.0	579.1
#2	1.970	78.36	512.9	563.0
#3	1.842	79.99	520.1	569.5
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	**4040.2**	**38114.**	**3905.3**
Stddev	4.9	185.	21.8
%RSD	.12066	.48567	.55714
#1	4044.0	38163.	3895.2
#2	4041.8	38270.	3930.3
#3	4034.7	37910.	3890.4

Sample Name: 460-44628-a-5-e@4 Acquired: 9/20/2012 21:47:36 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12210.**	**5.163**	**-1.080**	**117.6**	**.9002**	**75060.**
Stddev	202.	1.088	.117	1.1	.1396	849.
%RSD	1.653	21.08	10.79	.8978	15.51	1.131
#1	12420.	4.997	-.9454	118.7	.9430	75250.
#2	12020.	4.167	-1.144	117.4	.7442	75790.
#3	12200.	6.325	-1.150	116.6	1.013	74120.
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	**.0622**	**15.28**	**39.98**	**89.52**	**35070.**	**1575.**
Stddev	.0942	.21	.10	.46	23.	32.
%RSD	151.4	1.366	.2545	.5176	.0661	2.047
#1	-.0101	15.48	39.95	89.09	35100.	1593.
#2	.1687	15.06	40.10	90.01	35050.	1595.
#3	.0279	15.28	39.90	89.47	35070.	1538.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-5-e@4 Acquired: 9/20/2012 21:47:36 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**8280.**	**1397.**	**443.1**	**33.81**	**41.18**	**1.834**
Stddev	11.	3.	2.0	.24	.85	3.193
%RSD	.1340	.1837	.4620	.6986	2.053	174.1
#1	8290.	1398.	445.4	33.77	41.06	1.665
#2	8268.	1394.	441.5	34.06	42.08	-1.271
#3	8281.	1398.	442.4	33.59	40.40	5.109
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	**-.0023**	**-1.076**	**58.78**	**166.0**	**9.171**	**-.1263**
Stddev	1.728	2.191	.40	1.7	.505	.2748
%RSD	76710.	203.6	.6779	1.036	5.503	217.5
#1	-1.604	-1.562	58.34	167.6	9.424	-.3746
#2	-.2308	1.317	59.11	166.3	8.590	.1689
#3	1.829	-2.984	58.90	164.2	9.499	-.1732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-5-e@4 Acquired: 9/20/2012 21:47:36 Type: Unk
Method: SW846_091912(v3) 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	**1.208**	**100.5**	**524.4**	**459.8**
Stddev	.838	1.9	11.8	4.9
%RSD	69.39	1.940	2.245	1.059
#1	1.036	102.6	537.7	457.3
#2	.4689	98.86	515.4	456.6
#3	2.119	99.88	519.9	465.4
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	**3981.0**	**37780.**	**3850.7**
Stddev	23.2	35.	69.1
%RSD	.58176	.09249	1.7954
#1	3956.6	37757.	3773.8
#2	3983.8	37764.	3907.7
#3	4002.7	37821.	3870.6

Sample Name: 460-44628-a-12-b@4 Acquired: 9/20/2012 21:51:42 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41320.**	**12.75**	**-.4274**	**220.7**	**1.806**	**6056.**
Stddev	507.	.86	.2367	2.5	.122	79.
%RSD	1.227	6.733	55.39	1.113	6.764	1.312
#1	41770.	13.72	-.3005	223.5	1.879	6139.
#2	41430.	12.46	-.7005	219.1	1.665	5981.
#3	40770.	12.08	-.2811	219.5	1.873	6049.
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	**.7084**	**23.29**	**60.99**	**88.55**	**61460.**	**3186.**
Stddev	.0973	.37	.53	1.98	425.	21.
%RSD	13.73	1.608	.8693	2.240	.6915	.6502
#1	.7811	23.72	60.71	90.74	61140.	3198.
#2	.5979	23.02	61.60	88.04	61940.	3199.
#3	.7463	23.15	60.66	86.87	61300.	3162.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-12-b@4 Acquired: 9/20/2012 21:51:42 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**7747.**	**1573.**	**254.2**	**46.24**	**307.3**	**4.562**
Stddev	71.	11.	8.1	.31	3.0	1.747
%RSD	.9149	.6939	3.180	.6655	.9788	38.30
#1	7702.	1564.	262.9	46.30	310.8	5.638
#2	7829.	1585.	247.0	45.90	305.3	2.546
#3	7710.	1569.	252.7	46.51	305.9	5.503
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	**.4265**	**-.3334**	**75.59**	**174.6**	**9.882**	**5.754**
Stddev	1.262	.9444	.55	1.9	.180	.459
%RSD	295.8	283.2	.7264	1.101	1.817	7.982
#1	-.9509	-1.322	75.22	176.9	10.06	6.282
#2	1.526	-.2371	76.22	173.4	9.703	5.527
#3	.7047	.5591	75.33	173.7	9.879	5.452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-12-b@4 Acquired: 9/20/2012 21:51:42 Type: Unk
Method: SW846_091912(v3) 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	**4.404**	**50.37**	**481.5**	**666.2**
Stddev	.369	.73	7.7	33.4
%RSD	8.373	1.440	1.608	5.018
#1	4.535	51.04	490.0	671.0
#2	3.987	50.47	479.8	697.0
#3	4.689	49.60	474.8	630.6
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	**4079.2**	**38928.**	**3944.6**
Stddev	29.4	287.	51.0
%RSD	.72142	.73849	1.2934
#1	4048.5	39149.	3885.8
#2	4082.0	38603.	3971.1
#3	4107.1	39031.	3976.8

Sample Name: CCV Acquired: 9/20/2012 22:08:13 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**127800.**	**2547.**	**1260.**	**10190.**	**1007.**	**120500.**
Stddev	1568.	11.	6.	40.	13.	893.
%RSD	1.227	.4145	.4560	.3901	1.315	.7414
#1	129000.	2539.	1262.	10170.	1017.	121500.
#2	128300.	2544.	1265.	10170.	1012.	120000.
#3	126000.	2559.	1254.	10240.	992.3	119900.
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	**1278.**	**2569.**	**5096.**	**12680.**	**101900.**	**52130.**
Stddev	5.	13.	20.	178.	406.	556.
%RSD	.3789	.5034	.4014	1.404	.3985	1.067
#1	1274.	2558.	5088.	12790.	101700.	52530.
#2	1276.	2566.	5119.	12760.	102300.	52370.
#3	1283.	2584.	5080.	12470.	101600.	51500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 22:08:13 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**128200.**	**5156.**	**133500.**	**2596.**	**7801.**	**1026.**
Stddev	509.	24.	1826.	11.	37.	6.
%RSD	.3969	.4609	1.367	.4253	.4726	.6080
#1	128000.	5152.	135100.	2588.	7773.	1020.
#2	128700.	5182.	134000.	2591.	7788.	1025.
#3	127700.	5135.	131500.	2608.	7843.	1032.
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.**	**2605.**	**2526.**	**2553.**	**1011.**	**2559.**
Stddev	7.	4.	10.	12.	5.	9.
%RSD	.2949	.1560	.4048	.4548	.5175	.3589
#1	2505.	2608.	2527.	2543.	1006.	2553.
#2	2505.	2601.	2535.	2549.	1011.	2553.
#3	2518.	2608.	2515.	2566.	1016.	2569.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 22:08:13 Type: QC
Method: SW846_091912(v3) 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	**1030.**	**5232.**	**10260.**	**9518.**
Stddev	2.	80.	139.	56.
%RSD	.2120	1.524	1.357	.5859
#1	1027.	5297.	10370.	9546.
#2	1030.	5256.	10310.	9454.
#3	1032.	5143.	10100.	9554.
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	**3633.4**	**34335.**	**3638.2**
Stddev	18.9	159.	36.6
%RSD	.52027	.46372	1.0058
#1	3650.5	34470.	3631.1
#2	3636.6	34160.	3605.6
#3	3613.1	34375.	3677.8

Sample Name: 460-44628-a-14-b@4 Acquired: 9/20/2012 21:55:49 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14800.**	**3.214**	**-.6158**	**100.1**	**.4222**	**3422.**
Stddev	98.	.930	1.167	.7	.1536	5.
%RSD	.6644	28.95	189.5	.7044	36.37	.1471
#1	14690.	2.443	-1.118	100.3	.3235	3427.
#2	14870.	4.247	.7183	99.34	.5991	3417.
#3	14830.	2.951	-1.448	100.7	.3440	3422.
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	**-.2282**	**9.553**	**66.05**	**49.86**	**111700.**	**1363.**
Stddev	.1480	.173	1.07	6.50	757.	18.
%RSD	64.88	1.810	1.624	13.04	.6776	1.293
#1	-.2748	9.622	65.25	43.25	111100.	1349.
#2	-.0624	9.356	65.62	56.25	111500.	1358.
#3	-.3473	9.680	67.27	50.08	112600.	1383.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-14-b@4 Acquired: 9/20/2012 21:55:49 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4235.**	**469.5**	**155.4**	**19.61**	**19.90**	**3.760**
Stddev	46.	3.5	4.8	.40	.68	3.696
%RSD	1.080	.7404	3.074	2.056	3.430	98.30
#1	4204.	466.8	160.8	20.08	20.69	6.597
#2	4214.	468.3	151.7	19.39	19.49	5.102
#3	4287.	473.4	153.6	19.37	19.53	-.4194
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	**-3.495**	**2.416**	**47.63**	**88.28**	**7.415**	**-.0849**
Stddev	2.542	5.520	.31	.67	.429	.5671
%RSD	72.75	228.5	.6565	.7612	5.792	668.2
#1	-2.830	7.606	47.28	88.28	7.810	-.6404
#2	-1.351	3.024	47.86	87.61	6.958	-.1073
#3	-6.304	-3.384	47.76	88.96	7.476	.4932
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-14-b@4 Acquired: 9/20/2012 21:55:49 Type: Unk
Method: SW846_091912(v3) 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	**1.211**	**28.68**	**402.8**	**487.6**
Stddev	.636	.17	4.1	8.0
%RSD	52.57	.6013	1.029	1.645
#1	1.943	28.63	399.8	489.8
#2	.7853	28.54	407.5	494.2
#3	.9046	28.87	401.0	478.6
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	**3992.9**	**37856.**	**3855.2**
Stddev	24.8	257.	24.1
%RSD	.62044	.67907	.62481
#1	3969.8	37799.	3828.1
#2	4019.1	38137.	3863.1
#3	3989.8	37632.	3874.3

Sample Name: 460-44628-a-15-b@4 Acquired: 9/20/2012 21:59:56 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**33830.**	**69.48**	**-.3133**	**552.3**	**1.854**	**19240.**
Stddev	1047.	1.20	.6930	4.2	.025	205.
%RSD	3.093	1.726	221.2	.7549	1.326	1.067
#1	32740.	69.73	.4869	553.6	1.869	19150.
#2	33940.	68.17	-.7065	547.7	1.826	19100.
#3	34820.	70.53	-.7204	555.7	1.868	19480.
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	**4.407**	**31.75**	**271.6**	**592.1**	**175000.**	**1999.**
Stddev	.036	.26	1.3	14.5	948.	76.
%RSD	.8139	.8114	.4639	2.453	.5415	3.789
#1	4.432	31.61	272.9	580.6	176000.	1937.
#2	4.422	31.58	270.4	587.2	174100.	2083.
#3	4.366	32.05	271.7	608.4	175000.	1977.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-15-b@4 Acquired: 9/20/2012 21:59:56 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**7069.**	**2091.**	**293.7**	**104.3**	**1185.**	**5.615**
Stddev	46.	11.	30.6	1.2	8.	.565
%RSD	.6459	.5317	10.41	1.154	.6953	10.07
#1	7113.	2102.	275.7	104.9	1185.	5.008
#2	7022.	2079.	276.3	102.9	1176.	6.126
#3	7071.	2091.	329.0	105.1	1193.	5.711
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	**-3.516**	**1.081**	**277.6**	**1720.**	**8.045**	**152.9**
Stddev	.382	2.111	1.9	12.	.900	1.5
%RSD	10.86	195.4	.6884	.6955	11.19	.9995
#1	-3.469	1.287	278.9	1722.	7.341	153.5
#2	-3.159	3.081	275.4	1707.	9.059	151.2
#3	-3.919	-1.126	278.6	1730.	7.734	154.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-15-b@4 Acquired: 9/20/2012 21:59:56 Type: Unk
Method: SW846_091912(v3) 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	**31.56**	**171.2**	**580.9**	**738.8**
Stddev	.87	5.3	16.8	11.4
%RSD	2.770	3.091	2.896	1.538
#1	32.39	165.6	562.8	733.8
#2	30.64	171.7	583.9	751.8
#3	31.65	176.2	596.1	730.7
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	**4075.4**	**38731.**	**3923.5**
Stddev	20.4	426.	68.7
%RSD	.50034	1.0988	1.7515
#1	4064.2	38241.	3983.5
#2	4098.9	38945.	3938.6
#3	4063.0	39008.	3848.5

Sample Name: 460-44628-a-16-e@4 Acquired: 9/20/2012 22:03:58 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19370.**	**37.50**	**1.178**	**424.0**	**1.743**	**14250.**
Stddev	228.	1.33	.151	2.1	.197	49.
%RSD	1.178	3.549	12.86	.5061	11.30	.3469
#1	19140.	38.82	1.300	425.8	1.597	14220.
#2	19600.	37.51	1.008	424.6	1.967	14220.
#3	19370.	36.16	1.225	421.6	1.665	14300.
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	**1.498**	**22.48**	**212.5**	**239.1**	**60650.**	**2709.**
Stddev	.089	.41	2.8	3.2	585.	32.
%RSD	5.975	1.835	1.317	1.327	.9637	1.166
#1	1.444	22.73	210.2	235.9	60130.	2700.
#2	1.601	22.70	211.8	242.3	60550.	2683.
#3	1.448	22.00	215.6	239.2	61280.	2744.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-16-e@4 Acquired: 9/20/2012 22:03:58 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6353.**	F **15170.**	**339.7**	**61.21**	**476.2**	**8.700**
Stddev	55.	139.	15.1	.70	3.8	2.770
%RSD	.8673	.9189	4.451	1.139	.8009	31.84
#1	6296.	15100.	350.2	60.61	477.5	5.839
#2	6357.	15070.	322.3	61.97	479.1	11.37
#3	6406.	15320.	346.5	61.04	471.9	8.892
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	**5.943**	**-18.90**	**113.1**	**539.7**	**10.58**	**40.13**
Stddev	.654	2.33	1.5	3.6	.86	.64
%RSD	11.01	12.31	1.318	.6662	8.151	1.585
#1	5.204	-19.50	112.3	542.5	11.29	39.57
#2	6.445	-16.33	112.2	541.0	9.621	40.83
#3	6.181	-20.87	114.8	535.6	10.84	40.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-16-e@4 Acquired: 9/20/2012 22:03:58 Type: Unk
Method: SW846_091912(v3) 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	**18.54**	**284.5**	**617.0**	**615.6**
Stddev	.39	2.5	6.7	26.5
%RSD	2.115	.8685	1.093	4.304
#1	18.29	281.9	609.5	588.6
#2	18.99	286.8	622.5	616.6
#3	18.34	284.7	619.0	641.5
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	**4081.0**	**38664.**	**3894.2**
Stddev	13.1	102.	32.5
%RSD	.32199	.26369	.83440
#1	4065.9	38753.	3931.5
#2	4087.2	38685.	3878.2
#3	4089.9	38553.	3872.7

Sample Name: CCB Acquired: 9/20/2012 22:12:04 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-8.671**	**1.459**	**-.5485**	**.3585**	**-.0139**	**12.25**
Stddev	12.96	.214	.4974	.0847	.1186	20.66
%RSD	149.5	14.64	90.70	23.62	854.9	168.6
#1	2.818	1.216	.0157	.2611	.1195	28.40
#2	-22.72	1.545	-.9242	.4000	-.0533	-11.02
#3	-6.112	1.616	-.7369	.4145	-.1078	19.38
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	**.2721**	**.0051**	**.4762**	**6.802**	**15.13**	**119.5**
Stddev	.0668	.1023	.3972	6.318	10.27	9.9
%RSD	24.56	1989.	83.41	92.90	67.91	8.293
#1	.2549	-.1008	.3031	14.02	7.727	130.9
#2	.2155	.1035	.1950	4.122	10.80	113.7
#3	.3458	.0128	.9306	2.265	26.86	113.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 22:12:04 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6.840**	**.3150**	**93.96**	**.5230**	**-.5711**	**2.020**
Stddev	4.125	.2087	68.41	.0824	.6792	1.618
%RSD	60.31	66.26	72.81	15.75	118.9	80.08
#1	10.40	.5405	172.9	.5971	.1930	1.725
#2	7.806	.1287	58.07	.5376	-1.106	3.765
#3	2.317	.2756	50.97	.4343	-.7996	.5703
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	**.5984**	**-.4651**	**-.1187**	**.2594**	**1.591**	**.8260**
Stddev	3.081	3.826	.2197	.0842	.610	.5883
%RSD	514.8	822.8	185.2	32.45	38.35	71.22
#1	2.124	-4.812	-.3021	.2633	2.170	1.486
#2	2.618	2.393	.1249	.3415	1.649	.3553
#3	-2.947	1.024	-.1788	.1733	.9537	.6373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 22:12:04 Type: QC
Method: SW846_091912(v3) 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	**-.7743**	**.4450**	**1.725**	**4.321**
Stddev	.5886	.4357	2.408	24.49
%RSD	76.01	97.90	139.6	566.9
#1	-1.375	.9410	3.278	-17.02
#2	-.1983	.2703	2.947	-1.082
#3	-.7500	.1238	-1.049	31.07
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	**3986.4**	**38223.**	**3769.3**
Stddev	8.3	51.	37.8
%RSD	.20723	.13287	1.0021
#1	3977.2	38262.	3726.2
#2	3988.9	38240.	3796.4
#3	3993.1	38165.	3785.5

Sample Name: mb 460-128487/1-a Acquired: 9/20/2012 22:16:18 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23.25**	**.4250**	**-.5572**	**.0893**	**-.1135**	**8.273**
Stddev	6.91	.4351	.1938	.4083	.0684	3.943
%RSD	29.72	102.4	34.77	457.3	60.27	47.66
#1	31.22	.4869	-.6200	.5602	-.0589	4.360
#2	19.05	.8258	-.7119	-.1665	-.0913	8.214
#3	19.47	-.0377	-.3399	-.1258	-.1902	12.25
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	**.1778**	**-.0276**	**.2064**	**7.878**	**-1.437**	**62.24**
Stddev	.1319	.2443	.3567	4.340	5.106	24.18
%RSD	74.18	883.7	172.8	55.10	355.3	38.85
#1	.0262	-.3097	.5797	6.286	2.678	42.46
#2	.2662	.1086	-.1308	12.79	-7.150	55.06
#3	.2410	.1181	.1702	4.557	.1610	89.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128487/1-a Acquired: 9/20/2012 22:16:18 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-.2733**	**.1029**	**13.07**	**-.3988**	**-.8128**	**2.092**
Stddev	1.471	.0350	12.92	.5390	.1879	.417
%RSD	538.3	34.06	98.81	135.1	23.12	19.92
#1	1.288	.1411	27.52	.2170	-.9225	1.615
#2	-1.634	.0954	9.086	-.7844	-.5958	2.279
#3	-.4742	.0722	2.620	-.6291	-.9200	2.383
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	**.2415**	**3.991**	**-.1034**	**1.402**	**.8648**	**-.1672**
Stddev	1.229	1.139	.1851	.118	.6057	.2716
%RSD	508.9	28.53	179.0	8.437	70.04	162.5
#1	1.649	3.745	-.2246	1.288	.1709	.1460
#2	-.6194	2.996	.1096	1.524	1.287	-.3382
#3	-.3051	5.233	-.1951	1.396	1.136	-.3094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128487/1-a Acquired: 9/20/2012 22:16:18 Type: QC
Method: SW846_091912(v3) 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	**-.0174**	**-.0260**	**-.2106**	**4.807**
Stddev	.1585	.3249	1.587	20.00
%RSD	910.8	1248.	753.5	416.1
#1	.1336	-.2521	-1.753	-17.30
#2	-.1825	.3462	1.417	21.66
#3	-.0034	-.1722	-.2957	10.06
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	**4086.6**	**39324.**	**3875.3**
Stddev	28.7	245.	28.0
%RSD	.70233	.62398	.72165
#1	4119.4	39062.	3868.4
#2	4066.4	39549.	3906.1
#3	4074.0	39361.	3851.5

Sample Name: pds 460-44718-e-3-a Acquired: 9/20/2012 22:41:12 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2034.**	**2082.**	**51.70**	**2236.**	**51.34**	**54630.**
Stddev	5.	7.	.64	7.	.32	335.
%RSD	.2660	.3294	1.238	.2960	.6247	.6140
#1	2029.	2078.	52.06	2236.	51.64	54720.
#2	2039.	2079.	52.07	2230.	51.00	54260.
#3	2033.	2090.	50.96	2243.	51.37	54920.
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**	**517.9**	**205.7**	**266.9**	**18230.**	**27810.**
Stddev	.30	1.0	2.4	6.3	174.	108.
%RSD	.5705	.1903	1.167	2.375	.9529	.3885
#1	52.16	518.2	208.4	262.6	18430.	27690.
#2	52.21	516.8	203.8	263.8	18130.	27890.
#3	52.70	518.6	205.0	274.1	18130.	27860.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44718-e-3-a Acquired: 9/20/2012 22:41:12 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**29850.**	**7384.**	**88840.**	**527.9**	**535.0**	**523.8**
Stddev	326.	117.	181.	.9	1.5	4.1
%RSD	1.094	1.589	.2040	.1739	.2738	.7734
#1	30220.	7496.	88990.	528.8	533.3	525.3
#2	29640.	7262.	88640.	526.9	535.8	519.2
#3	29680.	7393.	88900.	528.0	535.9	526.9
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	**2060.**	**2192.**	**505.5**	**517.8**	**632.0**	**515.9**
Stddev	2.	7.	4.5	1.2	1.3	2.3
%RSD	.1164	.3118	.8912	.2401	.2068	.4390
#1	2058.	2186.	510.7	517.9	633.2	513.8
#2	2060.	2191.	503.6	516.4	630.6	515.5
#3	2063.	2199.	502.3	518.9	632.0	518.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44718-e-3-a Acquired: 9/20/2012 22:41:12 Type: Unk
Method: SW846_091912(v3) 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	**538.9**	**685.6**	**527.7**	**13070.**
Stddev	2.1	2.3	2.2	38.
%RSD	.3926	.3283	.4253	.2913
#1	538.5	685.8	525.1	13050.
#2	537.0	683.2	528.4	13050.
#3	541.2	687.7	529.4	13120.
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	**3854.2**	**36223.**	**3774.8**
Stddev	7.3	416.	6.2
%RSD	.18976	1.1476	.16403
#1	3862.6	35751.	3781.2
#2	3849.1	36532.	3768.8
#3	3850.9	36386.	3774.4

Sample Name: lcs 460-128487/2-a Acquired: 9/20/2012 22:20:33 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2092.**	**2098.**	**51.70**	**2153.**	**52.14**	**18500.**
Stddev	43.	19.	.89	17.	.80	19.
%RSD	2.067	.9144	1.731	.7917	1.541	.1008
#1	2080.	2100.	52.60	2153.	51.26	18500.
#2	2056.	2116.	50.81	2169.	52.31	18480.
#3	2140.	2078.	51.68	2135.	52.84	18520.
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	**54.48**	**539.5**	**209.1**	**271.4**	**1078.**	**21170.**
Stddev	.55	5.0	.7	2.3	15.	255.
%RSD	1.008	.9346	.3367	.8456	1.397	1.205
#1	54.36	539.7	208.4	269.0	1063.	20980.
#2	55.08	544.4	209.8	271.7	1080.	21070.
#3	54.00	534.3	209.1	273.5	1093.	21460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-128487/2-a Acquired: 9/20/2012 22:20:33 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**21370.**	**543.7**	**22400.**	**550.2**	**559.7**	**536.4**
Stddev	52.	1.1	229.	4.1	3.6	2.6
%RSD	.2418	.2079	1.022	.7425	.6509	.4825
#1	21430.	544.9	22240.	550.7	560.5	539.4
#2	21330.	542.8	22290.	554.0	562.9	535.0
#3	21340.	543.4	22660.	545.9	555.7	534.9
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	**2091.**	F **2352.**	**512.1**	**535.6**	**549.3**	**529.6**
Stddev	17.	17.	1.9	4.5	4.2	3.7
%RSD	.7938	.7424	.3763	.8386	.7653	.6977
#1	2088.	2356.	513.5	535.7	549.9	528.8
#2	2109.	2367.	509.9	540.0	553.1	533.6
#3	2076.	2332.	512.9	531.0	544.8	526.4
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2000.				
Range		15.00%				

Sample Name: lcs 460-128487/2-a Acquired: 9/20/2012 22:20:33 Type: QC
Method: SW846_091912(v3) 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	**558.9**	**525.9**	**535.3**	**30.69**
Stddev	4.5	6.6	9.2	24.27
%RSD	.8078	1.261	1.712	79.09
#1	559.5	520.2	529.9	14.69
#2	563.0	524.3	530.2	58.62
#3	554.1	533.2	545.9	18.76
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	**3928.7**	**37283.**	**3781.0**
Stddev	22.4	254.	43.2
%RSD	.57125	.68160	1.1436
#1	3943.1	37441.	3806.0
#2	3902.9	36990.	3805.9
#3	3940.3	37419.	3731.0

Sample Name: 460-44718-e-3-b du Acquired: 9/20/2012 22:24:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.70**	**2.615**	**.2364**	**158.9**	**-.1433**	**35420.**
Stddev	23.36	1.348	.4765	1.0	.0805	229.
%RSD	94.58	51.55	201.5	.6291	56.17	.6477
#1	47.43	1.310	-.2084	158.4	-.2217	35680.
#2	25.93	4.003	.1785	158.2	-.1473	35250.
#3	.7518	2.532	.7392	160.0	-.0609	35320.
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	**.1067**	**-.1611**	**1.460**	**3.459**	**16880.**	**6975.**
Stddev	.1518	.2145	.258	2.031	271.	175.
%RSD	142.3	133.2	17.65	58.73	1.606	2.512
#1	.1635	-.2824	1.642	5.804	16630.	6774.
#2	.2218	.0866	1.574	2.221	16850.	7058.
#3	-.0653	-.2875	1.165	2.353	17170.	7093.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-3-b du Acquired: 9/20/2012 22:24:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**9226.**	**6771.**	**65900.**	**.6387**	**-.0849**	**-.2599**
Stddev	146.	125.	1323.	.6206	1.423	1.798
%RSD	1.578	1.847	2.007	97.17	1676.	691.7
#1	9084.	6663.	64370.	.4006	-.5066	.5546
#2	9220.	6741.	66660.	1.343	1.501	.9866
#3	9375.	6908.	66670.	.1724	-1.249	-2.321
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	**1.532**	**-8.285**	**1.218**	**3.114**	**97.17**	**.3997**
Stddev	2.952	1.788	.221	.197	.68	.3140
%RSD	192.7	21.59	18.15	6.334	.7039	78.56
#1	1.609	-8.185	1.455	3.153	96.74	.5964
#2	4.445	-6.548	1.017	2.900	96.81	.0376
#3	-1.458	-10.12	1.182	3.289	97.96	.5652
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-3-b du Acquired: 9/20/2012 22:24:27 Type: Unk
Method: SW846_091912(v3) 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	**.3435**	**168.4**	**1.198**	**12570.**
Stddev	.3570	3.5	1.024	107.
%RSD	103.9	2.082	85.47	.8476
#1	.1205	164.4	2.033	12510.
#2	.1548	170.1	.0558	12520.
#3	.7553	170.7	1.504	12690.
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	**3936.5**	**36939.**	**3859.3**
Stddev	16.2	507.	82.6
%RSD	.41167	1.3716	2.1394
#1	3947.4	37506.	3953.0
#2	3944.2	36777.	3797.4
#3	3917.9	36533.	3827.5

Sample Name: 460-44718-e-3-a Acquired: 9/20/2012 22:28:43 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35.19**	**4.340**	**.1292**	**163.5**	**-.0222**	**36600.**
Stddev	17.09	1.087	.7717	1.0	.1264	248.
%RSD	48.55	25.04	597.4	.5839	569.7	.6787
#1	54.53	4.102	.9312	164.4	.1076	36790.
#2	28.90	5.526	-.6082	163.5	-.0292	36320.
#3	22.15	3.392	.0645	162.5	-.1449	36690.
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**	**-.2558**	**2.049**	**6.002**	**17320.**	**7265.**
Stddev	.1072	.2128	.077	1.687	166.	48.
%RSD	379.7	83.19	3.778	28.11	.9591	.6643
#1	-.0151	-.0359	2.025	4.111	17360.	7218.
#2	-.1414	-.4607	2.136	6.542	17460.	7314.
#3	.0718	-.2709	1.987	7.353	17130.	7261.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-3-a Acquired: 9/20/2012 22:28:43 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**9434.**	**6967.**	**68370.**	**.0571**	**.4287**	**1.615**
Stddev	110.	41.	137.	1.118	.5969	1.848
%RSD	1.165	.5893	.2001	1959.	139.2	114.4
#1	9491.	6982.	68460.	-1.202	.2536	-.3214
#2	9503.	6998.	68220.	.9359	1.094	3.360
#3	9307.	6920.	68440.	.4371	-.0611	1.808
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	**.2273**	**-7.444**	**1.262**	**3.590**	**99.79**	**-.3579**
Stddev	3.013	1.082	.395	.116	.41	.2238
%RSD	1326.	14.54	31.26	3.223	.4110	62.52
#1	-3.252	-7.341	1.255	3.502	100.1	-.5420
#2	2.015	-8.574	1.660	3.721	99.89	-.4228
#3	1.919	-6.417	.8711	3.547	99.34	-.1089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-3-a Acquired: 9/20/2012 22:28:43 Type: Unk
Method: SW846_091912(v3) 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	**.4701**	**176.2**	**3.393**	**13110.**
Stddev	.5083	.3	2.626	140.
%RSD	108.1	.1613	77.38	1.071
#1	.0309	176.5	2.387	13250.
#2	.3526	176.1	1.420	13110.
#3	1.027	175.9	6.374	12970.
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	**3895.9**	**36892.**	**3832.8**
Stddev	8.2	280.	23.7
%RSD	.20953	.76007	.61916
#1	3888.1	36994.	3858.1
#2	3895.2	36575.	3829.4
#3	3904.4	37107.	3811.0

Sample Name: sd 460-44718-e-3-a@5 Acquired: 9/20/2012 22:32:58 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.092**	**.7973**	**-.5052**	**32.57**	**-.1091**	**7214.**
Stddev	15.49	1.167	.1400	.11	.1096	29.
%RSD	304.1	146.4	27.71	.3287	100.5	.4036
#1	-16.88	2.117	-.3536	32.55	-.2352	7239.
#2	-10.84	.3709	-.6295	32.69	-.0370	7222.
#3	12.44	-.0965	-.5324	32.48	-.0550	7182.
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	**.1155**	**-.1657**	**.5890**	**6.624**	**3465.**	**1470.**
Stddev	.1436	.3617	.4042	3.227	25.	61.
%RSD	124.3	218.4	68.63	48.71	.7171	4.159
#1	.0785	-.5828	.9611	7.545	3447.	1537.
#2	.2740	.0233	.6470	3.037	3456.	1455.
#3	-.0060	.0625	.1589	9.291	3494.	1417.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44718-e-3-a@5 Acquired: 9/20/2012 22:32:58 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1887.**	**1416.**	**13690.**	**.6857**	**-.3092**	**2.936**
Stddev	6.	8.	480.	.4355	.9933	1.184
%RSD	.3344	.5325	3.507	63.52	321.3	40.33
#1	1884.	1412.	14070.	.5895	-.9716	2.140
#2	1882.	1412.	13840.	1.161	.8329	2.372
#3	1894.	1425.	13150.	.3063	-.7888	4.297
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	**1.087**	**-.9151**	**.4814**	**.8494**	**19.21**	**-.3946**
Stddev	1.609	.8873	.0468	.1393	.98	.0946
%RSD	147.9	96.96	9.732	16.40	5.089	23.97
#1	-.7276	-1.087	.4438	.8665	20.22	-.4830
#2	1.652	-1.704	.4665	.9793	19.15	-.2948
#3	2.337	.0455	.5339	.7023	18.27	-.4060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44718-e-3-a@5 Acquired: 9/20/2012 22:32:58 Type: Unk
Method: SW846_091912(v3) 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	**-.0122**	**34.78**	**2.273**	**2484.**
Stddev	.4363	1.38	1.119	37.
%RSD	3570.	3.977	49.20	1.486
#1	.1369	35.83	3.558	2504.
#2	.3300	35.29	1.512	2506.
#3	-.5035	33.21	1.750	2441.
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	**3978.2**	**38001.**	**3857.3**
Stddev	3.9	214.	91.8
%RSD	.09852	.56251	2.3798
#1	3974.5	38061.	3787.1
#2	3977.8	38179.	3823.6
#3	3982.3	37764.	3961.2

Sample Name: 460-44718-e-3-c ms Acquired: 9/20/2012 22:37:10 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2115.**	**2126.**	**52.49**	**2282.**	**52.56**	**54190.**
Stddev	22.	18.	.49	15.	.30	565.
%RSD	1.019	.8342	.9279	.6613	.5651	1.043
#1	2108.	2114.	52.77	2271.	52.26	54830.
#2	2097.	2118.	52.77	2276.	52.59	53980.
#3	2139.	2147.	51.93	2299.	52.85	53750.
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	**53.36**	**530.4**	**210.4**	**267.8**	**17930.**	**28010.**
Stddev	.28	4.4	1.1	4.5	20.	207.
%RSD	.5339	.8269	.5309	1.669	.1134	.7378
#1	53.32	527.0	211.6	262.8	17910.	27780.
#2	53.09	528.9	210.4	269.3	17950.	28100.
#3	53.66	535.4	209.3	271.4	17930.	28160.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-3-c ms Acquired: 9/20/2012 22:37:10 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**30200.**	**7308.**	**87980.**	**540.5**	**547.9**	**535.7**
Stddev	66.	67.	351.	3.6	4.6	6.5
%RSD	.2199	.9131	.3990	.6634	.8334	1.220
#1	30120.	7384.	87580.	537.8	546.0	531.3
#2	30250.	7260.	88130.	539.3	544.6	532.5
#3	30220.	7280.	88230.	544.6	553.1	543.2
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	**2072.**	**2248.**	**517.1**	**529.5**	**643.5**	**527.8**
Stddev	11.	21.	.9	4.1	4.4	5.3
%RSD	.5149	.9158	.1744	.7826	.6898	1.009
#1	2065.	2232.	516.0	526.8	639.4	523.5
#2	2066.	2241.	517.7	527.4	642.8	526.0
#3	2084.	2271.	517.4	534.3	648.2	533.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-3-c ms Acquired: 9/20/2012 22:37:10 Type: Unk
Method: SW846_091912(v3) 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	**551.7**	**691.6**	**537.6**	**12880.**
Stddev	4.1	4.2	1.8	56.
%RSD	.7346	.6142	.3293	.4357
#1	548.7	686.7	535.7	12940.
#2	550.0	693.7	539.2	12830.
#3	556.3	694.3	537.9	12870.
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	**3857.5**	**36217.**	**3792.1**
Stddev	23.5	240.	56.2
%RSD	.60858	.66249	1.4826
#1	3880.1	36430.	3856.7
#2	3859.3	35957.	3765.2
#3	3833.2	36264.	3754.4

Sample Name: 460-44794-f-1-a Acquired: 9/20/2012 22:45:13 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42.62**	**15.48**	**.0019**	**53.75**	**-.0098**	**36520.**
Stddev	21.19	.59	.2740	.43	.0026	308.
%RSD	49.72	3.831	14430.	.7995	26.56	.8423
#1	23.26	15.26	.2788	54.09	-.0079	36510.
#2	65.26	15.02	-.0042	53.27	-.0127	36220.
#3	39.34	16.15	-.2690	53.90	-.0087	36830.
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	**.1970**	**.6083**	**.2457**	**7.849**	**480.8**	**1817.**
Stddev	.1200	.2753	.2324	2.802	12.7	28.
%RSD	60.92	45.25	94.61	35.70	2.648	1.547
#1	.0927	.7523	.1789	10.67	495.3	1843.
#2	.3282	.2909	.0539	7.820	471.4	1822.
#3	.1702	.7817	.5042	5.062	475.8	1787.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-1-a Acquired: 9/20/2012 22:45:13 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**7679.**	**380.0**	**149400.**	**5.478**	**2.232**	**3.453**
Stddev	66.	3.3	821.	.565	1.699	1.035
%RSD	.8648	.8753	.5491	10.32	76.11	29.97
#1	7752.	383.5	149900.	5.002	3.453	4.622
#2	7661.	379.5	149900.	5.330	2.951	3.080
#3	7623.	376.9	148500.	6.103	.2920	2.656
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	**3.526**	**3.030**	**10.59**	**1.859**	F **2272.**	**71.88**
Stddev	2.840	1.710	.61	.132	10.	.44
%RSD	80.55	56.44	5.733	7.114	.4412	.6128
#1	1.626	3.194	10.08	1.807	2278.	72.30
#2	2.160	4.651	11.26	2.010	2261.	71.42
#3	6.790	1.243	10.42	1.761	2277.	71.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-44794-f-1-a Acquired: 9/20/2012 22:45:13 Type: Unk
Method: SW846_091912(v3) 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	**-.0274**	**494.7**	**1.121**	**15550.**
Stddev	.3335	2.5	2.008	70.
%RSD	1216.	.5132	179.1	.4497
#1	-.1146	494.4	1.636	15630.
#2	.3410	497.3	-1.094	15530.
#3	-.3087	492.3	2.822	15500.
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	**3816.3**	**35568.**	**3735.6**
Stddev	18.6	76.	8.2
%RSD	.48730	.21337	.21983
#1	3802.7	35481.	3728.0
#2	3837.5	35610.	3744.3
#3	3808.8	35613.	3734.5

Sample Name: 460-44794-f-2-a Acquired: 9/20/2012 22:49:22 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**66.18**	**10.80**	**-.3767**	**94.50**	**-.0946**	**70620.**
Stddev	36.61	2.19	.1755	.40	.1025	652.
%RSD	55.32	20.27	46.59	.4183	108.4	.9238
#1	105.6	12.37	-.3193	94.95	-.1883	71090.
#2	59.62	8.300	-.5738	94.34	.0149	70900.
#3	33.30	11.74	-.2371	94.21	-.1106	69880.
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	**.0737**	**.1154**	**.9633**	**14.54**	**34010.**	**9693.**
Stddev	.0788	.3623	.0878	2.04	168.	96.
%RSD	106.9	313.8	9.115	14.06	.4946	.9928
#1	-.0171	.5167	.8706	12.82	33840.	9803.
#2	.1139	-.1876	.9741	16.80	34170.	9625.
#3	.1243	.0172	1.045	13.99	34040.	9651.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-2-a Acquired: 9/20/2012 22:49:22 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6910.**	**2251.**	**53740.**	**1.087**	**9.994**	**1.515**
Stddev	36.	10.	566.	.419	.732	.539
%RSD	.5187	.4608	1.054	38.55	7.320	35.60
#1	6871.	2241.	54380.	1.143	9.789	1.423
#2	6940.	2262.	53320.	1.476	9.387	2.094
#3	6919.	2249.	53520.	.6430	10.81	1.028
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	**1.233**	**.3280**	**4.691**	**2.262**	**251.5**	**8.879**
Stddev	1.929	2.248	.236	.043	1.1	.589
%RSD	156.5	685.4	5.026	1.903	.4532	6.638
#1	1.642	.9080	4.477	2.311	252.4	9.093
#2	-.8684	-2.153	4.944	2.247	251.7	8.213
#3	2.924	2.229	4.653	2.229	250.2	9.332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-2-a Acquired: 9/20/2012 22:49:22 Type: Unk
Method: SW846_091912(v3) 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	**.3011**	**433.8**	**5.841**	**8965.**
Stddev	.4118	4.4	2.170	103.
%RSD	136.8	1.010	37.14	1.147
#1	-.1279	438.8	5.318	9082.
#2	.3379	430.7	3.981	8926.
#3	.6933	432.0	8.225	8888.
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	**3861.3**	**36250.**	**3754.1**
Stddev	2.9	137.	11.0
%RSD	.07392	.37893	.29395
#1	3864.6	36401.	3759.3
#2	3859.7	36132.	3761.5
#3	3859.7	36216.	3741.4

Sample Name: 460-44794-f-3-a Acquired: 9/20/2012 22:53:31 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**751.0**	**6.933**	**1.185**	**71.46**	**-.1597**	**63580.**
Stddev	6.4	2.364	.520	.66	.1489	373.
%RSD	.8535	34.09	43.94	.9263	93.24	.5861
#1	745.3	5.852	1.779	71.37	-.3162	64000.
#2	749.8	5.304	.9633	70.85	-.0197	63300.
#3	758.0	9.644	.8114	72.17	-.1432	63430.
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	**.3317**	**4.233**	**1.944**	**6.566**	**19690.**	**8030.**
Stddev	.1666	.195	.644	4.414	207.	132.
%RSD	50.21	4.597	33.15	67.22	1.049	1.643
#1	.4587	4.380	2.486	9.062	19850.	7878.
#2	.1431	4.308	1.231	9.167	19770.	8108.
#3	.3933	4.012	2.114	1.470	19460.	8104.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-3-a Acquired: 9/20/2012 22:53:31 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**7607.**	F **14690.**	**16290.**	**1.239**	**18.92**	**2.367**
Stddev	77.	408.	103.	.295	.32	3.185
%RSD	1.010	2.778	.6331	23.83	1.678	134.6
#1	7677.	15140.	16170.	1.258	18.60	.8439
#2	7620.	14570.	16310.	1.525	18.93	6.028
#3	7525.	14360.	16370.	.9353	19.23	.2291
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	**.3918**	**-18.44**	**3.494**	**4.613**	**67.99**	**1.883**
Stddev	1.681	2.36	.379	.236	.69	.495
%RSD	429.0	12.81	10.84	5.125	1.021	26.27
#1	-1.541	-20.87	3.803	4.581	67.97	1.408
#2	1.508	-16.15	3.071	4.395	67.31	1.847
#3	1.209	-18.30	3.608	4.864	68.69	2.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-3-a Acquired: 9/20/2012 22:53:31 Type: Unk
Method: SW846_091912(v3) 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	**-.3862**	**161.1**	**31.12**	**11890.**
Stddev	.3496	1.3	1.32	148.
%RSD	90.51	.8006	4.246	1.246
#1	-.6176	159.7	30.82	11750.
#2	-.5570	161.2	32.56	11880.
#3	.0159	162.3	29.97	12040.
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	**3924.8**	**36738.**	**3770.0**
Stddev	25.1	289.	6.7
%RSD	.63893	.78650	.17765
#1	3913.9	36442.	3769.5
#2	3953.4	36751.	3777.0
#3	3907.0	37020.	3763.6

Sample Name: CCV Acquired: 9/20/2012 22:57:48 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**130500.**	**2591.**	**1280.**	**10360.**	**1029.**	**118500.**
Stddev	3176.	4.	9.	11.	23.	767.
%RSD	2.434	.1636	.6879	.1093	2.263	.6468
#1	127700.	2594.	1272.	10360.	1010.	118200.
#2	133900.	2586.	1290.	10350.	1055.	118000.
#3	129700.	2592.	1279.	10370.	1022.	119400.
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	**1301.**	**2602.**	**5155.**	**12990.**	**103000.**	**53630.**
Stddev	1.	4.	38.	309.	882.	1225.
%RSD	.0750	.1498	.7415	2.380	.8557	2.284
#1	1302.	2605.	5129.	12740.	102400.	52400.
#2	1300.	2598.	5199.	13340.	104000.	54850.
#3	1301.	2603.	5139.	12910.	102600.	53620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 22:57:48 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**129600.**	**5231.**	**136900.**	**2631.**	**7927.**	**1043.**
Stddev	1032.	39.	2805.	7.	4.	4.
%RSD	.7963	.7532	2.049	.2745	.0467	.3389
#1	128900.	5203.	134400.	2627.	7929.	1040.
#2	130800.	5276.	139900.	2627.	7923.	1043.
#3	129100.	5213.	136400.	2640.	7929.	1047.
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	**2569.**	**2639.**	**2566.**	**2583.**	**1028.**	**2603.**
Stddev	1.	4.	19.	1.	2.	5.
%RSD	.0500	.1433	.7481	.0520	.2206	.1774
#1	2570.	2635.	2552.	2584.	1027.	2603.
#2	2568.	2641.	2588.	2581.	1027.	2599.
#3	2567.	2642.	2559.	2584.	1031.	2608.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 22:57:48 Type: QC
Method: SW846_091912(v3) 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	**1045.**	**5383.**	**10500.**	**9640.**
Stddev	1.	122.	241.	42.
%RSD	.1021	2.264	2.299	.4332
#1	1046.	5281.	10290.	9599.
#2	1044.	5518.	10770.	9682.
#3	1046.	5350.	10440.	9639.
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	**3613.0**	**33834.**	**3591.2**
Stddev	9.8	149.	51.6
%RSD	.27045	.44178	1.4370
#1	3605.1	33811.	3630.7
#2	3610.1	33696.	3532.8
#3	3623.9	33993.	3610.1

Sample Name: CCV Acquired: 9/20/2012 23:47:12 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**131700.**	**2606.**	**1292.**	**10410.**	**1035.**	**114500.**
Stddev	4435.	8.	10.	46.	32.	548.
%RSD	3.367	.3030	.7633	.4403	3.130	.4783
#1	127000.	2601.	1282.	10390.	1001.	114600.
#2	135800.	2602.	1292.	10380.	1066.	113900.
#3	132300.	2615.	1302.	10460.	1038.	114900.
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	**1306.**	**2614.**	**5194.**	**13040.**	**103900.**	**54480.**
Stddev	5.	10.	33.	410.	711.	1818.
%RSD	.3761	.3971	.6400	3.142	.6848	3.337
#1	1305.	2610.	5161.	12610.	103100.	52510.
#2	1302.	2606.	5193.	13430.	103900.	56100.
#3	1312.	2625.	5228.	13080.	104600.	54840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 23:47:12 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**130400.**	**5267.**	F **139200.**	**2643.**	**7966.**	**1047.**
Stddev	885.	37.	4353.	13.	41.	3.
%RSD	.6786	.6979	3.127	.4786	.5172	.3135
#1	129500.	5231.	134500.	2638.	7943.	1045.
#2	130500.	5264.	143100.	2633.	7940.	1046.
#3	131300.	5305.	140000.	2657.	8013.	1051.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value			125000.			
Range			10.50%			

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	**2584.**	**2656.**	**2586.**	**2594.**	**1034.**	**2616.**
Stddev	9.	15.	19.	12.	5.	10.
%RSD	.3445	.5678	.7190	.4741	.4438	.3995
#1	2584.	2641.	2567.	2590.	1030.	2611.
#2	2574.	2655.	2585.	2584.	1031.	2610.
#3	2592.	2672.	2605.	2608.	1039.	2628.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/20/2012 23:47:12 Type: QC
Method: SW846_091912(v3) 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	**1050.**	**5441.**	**10570.**	**9558.**
Stddev	4.	172.	349.	158.
%RSD	.3558	3.167	3.298	1.649
#1	1048.	5259.	10200.	9390.
#2	1047.	5602.	10890.	9579.
#3	1054.	5461.	10610.	9703.
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	**3588.6**	**33558.**	**3532.9**
Stddev	20.5	173.	62.6
%RSD	.57175	.51410	1.7732
#1	3575.2	33702.	3592.8
#2	3612.3	33606.	3467.8
#3	3578.5	33367.	3538.0

Sample Name: CCB Acquired: 9/20/2012 23:01:40 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-26.76**	**.5420**	**-.6259**	**.0746**	**-.0548**	**14.77**
Stddev	10.59	2.224	.2649	.1875	.1391	8.14
%RSD	39.57	410.4	42.33	251.4	253.9	55.13
#1	-29.17	.3828	-.3935	.0470	.0204	21.74
#2	-15.18	2.842	-.9144	-.0976	-.2153	16.76
#3	-35.95	-1.599	-.5699	.2744	.0306	5.820
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	**.0968**	**.0252**	**-.0487**	**5.559**	**2.025**	**104.1**
Stddev	.1186	.1851	.7444	2.699	5.932	64.3
%RSD	122.5	734.9	1528.	48.56	292.9	61.80
#1	.1898	.1348	.7672	8.551	8.721	178.3
#2	.1373	.1293	-.2227	4.819	-.0753	66.76
#3	-.0367	-.1886	-.6907	3.307	-2.571	67.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 23:01:40 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**5.485**	**.2819**	**81.49**	**.7503**	**-.5013**	**3.698**
Stddev	4.221	.1743	69.89	.3630	1.585	1.907
%RSD	76.95	61.82	85.77	48.38	316.2	51.57
#1	6.969	.4831	159.2	1.126	1.303	4.275
#2	8.764	.1830	61.47	.4017	-1.670	5.250
#3	.7231	.1795	23.79	.7230	-1.137	1.569
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	**1.664**	**1.092**	**.4777**	**.0625**	**2.475**	**.5355**
Stddev	1.661	.336	.3818	.0657	.788	.5586
%RSD	99.88	30.75	79.93	105.0	31.83	104.3
#1	1.500	.9807	.4038	.1230	3.361	1.180
#2	.0901	1.470	.8910	-.0073	2.208	.1953
#3	3.401	.8264	.1382	.0719	1.855	.2312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 23:01:40 Type: QC
Method: SW846_091912(v3) 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	**-.0327**	**.3114**	**1.219**	**-.3257**
Stddev	.3871	.2701	2.177	22.27
%RSD	1185.	86.72	178.6	6836.
#1	.3963	.5958	-1.292	-15.14
#2	-.1383	.2802	2.372	-11.12
#3	-.3560	.0584	2.577	25.28
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	**3939.8**	**37928.**	**3731.4**
Stddev	5.3	247.	11.4
%RSD	.13448	.65093	.30438
#1	3942.2	38066.	3719.2
#2	3943.5	38075.	3733.1
#3	3933.7	37643.	3741.8

Sample Name: 460-44794-f-4-a Acquired: 9/20/2012 23:05:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**223.3**	**4.547**	**-.4948**	**53.62**	**-.1462**	**28090.**
Stddev	12.0	2.070	.1115	.04	.1536	201.
%RSD	5.390	45.53	22.53	.0783	105.1	.7141
#1	210.7	6.007	-.5512	53.61	-.3143	28150.
#2	234.7	2.178	-.3664	53.67	-.0132	27870.
#3	224.7	5.456	-.5668	53.59	-.1111	28260.
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	**.2115**	**.3330**	**.2363**	**18.36**	**1274.**	**962.5**
Stddev	.0108	.1063	.3278	4.94	15.	41.0
%RSD	5.103	31.91	138.7	26.93	1.169	4.255
#1	.2042	.2359	.0052	14.32	1290.	927.9
#2	.2063	.4465	.0923	23.87	1260.	951.9
#3	.2239	.3166	.6115	16.88	1273.	1008.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-4-a Acquired: 9/20/2012 23:05:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**8823.**	**221.4**	**212100.**	**1.600**	**1.992**	**.8656**
Stddev	5.	.5	2380.	.671	.961	.6340
%RSD	.0550	.2105	1.122	41.93	48.25	73.24
#1	8825.	221.1	209400.	2.242	2.907	.4288
#2	8817.	221.2	214000.	1.653	.9901	.5753
#3	8826.	222.0	212800.	.9038	2.079	1.593
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	**2.923**	**1.161**	**21.77**	**5.073**	F **2496.**	**33.93**
Stddev	2.574	1.691	.49	.039	8.	.18
%RSD	88.06	145.7	2.272	.7770	.3340	.5181
#1	5.516	2.340	22.28	5.059	2487.	34.13
#2	2.887	1.919	21.29	5.043	2496.	33.81
#3	.3676	-.7767	21.75	5.118	2504.	33.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-44794-f-4-a Acquired: 9/20/2012 23:05:54 Type: Unk
Method: SW846_091912(v3) 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	**-.3402**	**771.2**	**11.87**	**13200.**
Stddev	.3992	12.9	3.25	240.
%RSD	117.3	1.668	27.38	1.817
#1	.1102	756.7	15.38	12930.
#2	-.4808	781.1	11.26	13340.
#3	-.6501	775.7	8.963	13350.
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	**3804.4**	**35200.**	**3763.7**
Stddev	18.0	16.	9.5
%RSD	.47326	.04649	.25167
#1	3822.7	35203.	3759.4
#2	3803.9	35214.	3757.1
#3	3786.7	35182.	3774.5

Sample Name: 460-44794-f-5-a Acquired: 9/20/2012 23:10:03 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1176.**	**51.68**	**-1.216**	**468.8**	**-.0158**	**118500.**
Stddev	26.	.33	.594	1.9	.1081	274.
%RSD	2.174	.6392	48.83	.4058	682.8	.2315
#1	1153.	51.33	-.5936	466.7	-.0579	118400.
#2	1203.	51.99	-1.279	470.4	.1070	118800.
#3	1171.	51.71	-1.777	469.4	-.0966	118300.
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	**.1997**	**5.327**	**6.431**	**23.75**	**124800.**	**7471.**
Stddev	.0378	.443	.079	4.01	778.	59.
%RSD	18.92	8.308	1.231	16.90	.6236	.7931
#1	.2373	4.870	6.493	27.04	123900.	7402.
#2	.2003	5.356	6.342	19.28	125300.	7506.
#3	.1617	5.754	6.458	24.94	125200.	7503.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-5-a Acquired: 9/20/2012 23:10:03 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**16920.**	**1332.**	**193700.**	**1.193**	**7.306**	**3.931**
Stddev	146.	9.	627.	.553	.746	.969
%RSD	.8614	.6627	.3235	46.40	10.20	24.66
#1	16770.	1322.	193400.	1.132	7.951	3.310
#2	17050.	1339.	193300.	1.774	7.479	5.047
#3	16950.	1334.	194400.	.6721	6.490	3.434
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	**5.768**	**2.873**	**33.42**	**40.72**	**194.0**	**3.139**
Stddev	1.969	1.052	.41	.42	.6	.240
%RSD	34.14	36.62	1.226	1.023	.3099	7.657
#1	3.886	3.786	32.95	40.29	194.6	3.132
#2	5.605	3.112	33.61	41.13	194.0	3.384
#3	7.814	1.722	33.69	40.75	193.4	2.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-5-a Acquired: 9/20/2012 23:10:03 Type: Unk
Method: SW846_091912(v3) 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	**1.307**	**631.3**	**49.73**	**16770.**
Stddev	.520	4.5	1.27	214.
%RSD	39.78	.7105	2.555	1.273
#1	1.904	626.8	49.18	16550.
#2	1.059	631.5	48.83	16980.
#3	.9574	635.7	51.18	16790.
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	**3753.9**	**35191.**	**3767.7**
Stddev	21.4	499.	26.4
%RSD	.56957	1.4171	.70020
#1	3778.5	35766.	3755.1
#2	3743.1	34891.	3798.0
#3	3740.0	34915.	3750.0

Sample Name: 460-44794-f-6-a Acquired: 9/20/2012 23:14:07 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2077.**	**12.99**	**-.3460**	**203.7**	**.0183**	**72240.**
Stddev	32.	.48	.2507	1.1	.0688	736.
%RSD	1.541	3.720	72.46	.5364	375.6	1.019
#1	2108.	12.45	-.6285	204.7	.0637	72910.
#2	2044.	13.11	-.1500	202.5	-.0608	71450.
#3	2078.	13.40	-.2594	203.9	.0520	72360.
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	**-.0542**	**3.274**	**4.673**	**10.70**	**30310.**	**10630.**
Stddev	.0680	.347	.719	1.95	355.	99.
%RSD	125.6	10.61	15.38	18.26	1.170	.9328
#1	-.0387	3.240	5.497	10.47	30340.	10520.
#2	-.1286	2.945	4.348	12.77	30650.	10690.
#3	.0048	3.637	4.174	8.879	29950.	10680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-6-a Acquired: 9/20/2012 23:14:07 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11220.**	**1527.**	**189800.**	**4.103**	**9.853**	**3.609**
Stddev	114.	17.	1065.	.909	1.287	.929
%RSD	1.017	1.143	.5610	22.16	13.06	25.74
#1	11220.	1525.	190600.	4.043	9.429	3.751
#2	11330.	1545.	188600.	5.041	8.830	2.617
#3	11100.	1511.	190200.	3.225	11.30	4.459
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	**.4691**	**-2.004**	**7.957**	**17.59**	**656.5**	**2.980**
Stddev	1.596	2.106	.214	.10	3.2	.061
%RSD	340.2	105.1	2.692	.5531	.4850	2.037
#1	2.085	-1.300	8.043	17.65	659.4	2.918
#2	-1.106	-4.371	8.115	17.48	653.1	2.984
#3	.4283	-.3398	7.713	17.65	657.1	3.039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-6-a Acquired: 9/20/2012 23:14:07 Type: Unk
Method: SW846_091912(v3) 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	**.2951**	**448.6**	**89.00**	**14240.**
Stddev	.4859	2.2	1.78	45.
%RSD	164.7	.4849	1.998	.3170
#1	.1210	449.8	87.01	14210.
#2	.8441	446.0	89.56	14210.
#3	-.0798	449.9	90.42	14290.
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	**3817.4**	**35433.**	**3729.9**
Stddev	17.5	271.	26.8
%RSD	.45771	.76474	.71799
#1	3808.3	35529.	3712.5
#2	3837.6	35127.	3760.8
#3	3806.4	35643.	3716.6

Sample Name: 460-44794-f-7-a Acquired: 9/20/2012 23:18:13 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2824.**	**10.09**	**-.7687**	**113.2**	**.0751**	**37850.**
Stddev	37.	.51	.9648	.5	.1437	638.
%RSD	1.313	5.049	125.5	.4855	191.2	1.686
#1	2850.	9.612	-.6663	113.3	-.0805	38010.
#2	2781.	10.02	.1408	113.6	.1032	38390.
#3	2840.	10.62	-1.781	112.5	.2027	37150.
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	**.3514**	**2.772**	**7.574**	**75.03**	**25770.**	**6527.**
Stddev	.1532	.334	.349	4.61	167.	54.
%RSD	43.58	12.04	4.614	6.147	.6479	.8245
#1	.5253	2.541	7.976	70.65	25680.	6560.
#2	.2927	3.154	7.405	74.59	25670.	6465.
#3	.2364	2.620	7.342	79.84	25970.	6556.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-7-a Acquired: 9/20/2012 23:18:13 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**5461.**	**965.5**	**167900.**	**4.891**	**95.67**	**4.251**
Stddev	28.	4.9	2886.	.983	.46	1.129
%RSD	.5195	.5089	1.719	20.10	.4852	26.55
#1	5436.	961.8	170000.	4.372	95.99	3.217
#2	5455.	963.6	164600.	6.025	95.14	4.081
#3	5492.	971.1	169200.	4.276	95.88	5.455
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	**-1.641**	**1.634**	**11.97**	**82.42**	**870.5**	**.6919**
Stddev	.946	.972	.36	.33	4.8	.4822
%RSD	57.68	59.51	3.046	.4030	.5469	69.69
#1	-.5483	.6021	11.56	82.74	870.4	.2385
#2	-2.160	2.533	12.09	82.44	875.3	1.198
#3	-2.213	1.767	12.26	82.07	865.8	.6386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-7-a Acquired: 9/20/2012 23:18:13 Type: Unk
Method: SW846_091912(v3) 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	**2.427**	**263.0**	**116.4**	**10020.**
Stddev	.366	4.6	3.3	4.
%RSD	15.09	1.733	2.825	.0377
#1	2.461	265.8	116.3	10030.
#2	2.045	257.7	113.1	10020.
#3	2.775	265.5	119.7	10020.
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	**3849.4**	**35799.**	**3759.7**
Stddev	22.8	120.	45.5
%RSD	.59296	.33652	1.2089
#1	3858.2	35938.	3726.9
#2	3823.4	35740.	3811.5
#3	3866.4	35720.	3740.6

Sample Name: 460-44794-f-8-a Acquired: 9/20/2012 23:22:18 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2891.**	**8.920**	**-.7022**	**83.33**	**.0882**	**36300.**
Stddev	27.	1.047	.6357	.71	.0921	296.
%RSD	.9408	11.74	90.53	.8507	104.4	.8147
#1	2861.	7.787	-.1132	82.84	.0571	36220.
#2	2914.	9.120	-1.376	84.14	.0156	36620.
#3	2898.	9.852	-.6174	83.01	.1918	36040.
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	**.2562**	**4.464**	**4.352**	**63.28**	**23550.**	**5601.**
Stddev	.0466	.348	.091	5.07	92.	94.
%RSD	18.19	7.791	2.092	8.009	.3914	1.684
#1	.2051	4.076	4.452	67.39	23450.	5507.
#2	.2672	4.568	4.275	64.84	23630.	5696.
#3	.2964	4.748	4.329	57.61	23580.	5600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-8-a Acquired: 9/20/2012 23:22:18 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6461.**	**784.2**	**89120.**	**5.586**	**44.49**	**3.565**
Stddev	8.	.3	1013.	.614	2.01	1.364
%RSD	.1256	.0392	1.137	11.00	4.515	38.28
#1	6470.	783.9	87960.	5.370	42.24	2.088
#2	6454.	784.4	89820.	5.109	45.12	3.826
#3	6459.	784.4	89590.	6.279	46.11	4.779
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	**.6370**	**.3454**	**12.77**	**50.38**	**1224.**	**1.195**
Stddev	1.346	2.399	.40	.34	11.	.299
%RSD	211.3	694.6	3.118	.6810	.8657	25.01
#1	1.316	3.109	12.35	50.19	1214.	1.073
#2	1.508	-.8772	12.81	50.78	1235.	1.536
#3	-.9130	-1.196	13.14	50.18	1222.	.9763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44794-f-8-a Acquired: 9/20/2012 23:22:18 Type: Unk
Method: SW846_091912(v3) 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	**.8549**	**294.9**	**118.0**	**13920.**
Stddev	.6394	4.0	1.7	147.
%RSD	74.79	1.372	1.420	1.054
#1	.1545	290.3	116.2	13790.
#2	1.407	297.0	119.6	13900.
#3	1.003	297.6	118.2	14080.
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	**3950.7**	**36867.**	**3809.6**
Stddev	29.0	169.	59.0
%RSD	.73408	.45772	1.5490
#1	3981.1	37018.	3863.8
#2	3923.4	36898.	3746.7
#3	3947.5	36685.	3818.2

Sample Name: 460-44718-e-2-a Acquired: 9/20/2012 23:26:24 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.399**	**.3031**	**-.2479**	**83.82**	**-.0933**	**63730.**
Stddev	6.401	.8591	.3870	.45	.1146	483.
%RSD	86.52	283.4	156.1	.5331	122.9	.7571
#1	12.86	1.002	-.0706	83.47	-.2086	64280.
#2	8.976	-.6560	-.6918	83.66	.0207	63520.
#3	.3565	.5633	.0188	84.32	-.0919	63390.
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	**.5956**	**2.380**	**4.174**	**9.478**	**166.0**	**4656.**
Stddev	.1329	.417	.248	5.498	8.7	88.
%RSD	22.31	17.53	5.943	58.00	5.229	1.883
#1	.7055	2.419	4.169	11.59	157.3	4568.
#2	.6335	1.945	3.929	13.61	166.2	4743.
#3	.4480	2.776	4.425	3.238	174.7	4657.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-2-a Acquired: 9/20/2012 23:26:24 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**13270.**	**3333.**	**46510.**	**52.33**	**1.429**	**.8751**
Stddev	87.	27.	167.	.48	.264	5.143
%RSD	.6558	.8239	.3592	.9189	18.44	587.7
#1	13270.	3329.	46380.	52.53	1.703	-5.055
#2	13180.	3308.	46440.	52.67	1.407	4.123
#3	13360.	3362.	46700.	51.78	1.177	3.557
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	**.3070**	**-4.786**	**1.236**	**48.61**	**111.2**	**.3325**
Stddev	1.549	1.786	.319	.09	1.6	.3852
%RSD	504.6	37.31	25.83	.1892	1.401	115.8
#1	2.068	-5.014	1.237	48.64	112.4	.0395
#2	-.3025	-6.447	.9162	48.51	111.7	.1893
#3	-.8447	-2.897	1.555	48.69	109.4	.7688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44718-e-2-a Acquired: 9/20/2012 23:26:24 Type: Unk
Method: SW846_091912(v3) 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	**-.6619**	**239.9**	**2.512**	**8960.**
Stddev	.1709	1.4	3.136	84.
%RSD	25.83	.5928	124.9	.9424
#1	-.4718	238.4	3.510	8927.
#2	-.8029	240.0	-1.002	9057.
#3	-.7110	241.3	5.026	8898.
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	**3854.8**	**36570.**	**3742.2**
Stddev	17.3	275.	25.1
%RSD	.44928	.75103	.67195
#1	3874.1	36682.	3745.5
#2	3849.6	36772.	3765.5
#3	3840.7	36257.	3715.6

Sample Name: 460-44746-b-2-a Acquired: 9/20/2012 23:30:30 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**346.4**	**6.176**	**-.4818**	**414.1**	**-.1400**	**102600.**
Stddev	7.7	1.594	.6718	3.6	.1612	305.
%RSD	2.217	25.81	139.4	.8614	115.2	.2971
#1	340.9	4.949	-.0189	410.0	-.3098	103000.
#2	355.1	5.600	-1.252	416.2	.0110	102500.
#3	343.0	7.978	-.1742	416.2	-.1211	102500.
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	**.2686**	**3.235**	**1.266**	**4.694**	**62.34**	**82050.**
Stddev	.0756	.271	.536	3.646	13.40	918.
%RSD	28.14	8.380	42.38	77.68	21.50	1.119
#1	.3262	3.107	.6972	1.843	67.55	81980.
#2	.1830	3.547	1.337	3.435	72.36	81170.
#3	.2966	3.052	1.763	8.802	47.11	83000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44746-b-2-a Acquired: 9/20/2012 23:30:30 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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 **269900.**	**23.83**	F **1308000.**	**40.81**	**-.5054**	**2.343**
Stddev	6634.	.60	25820.	.44	1.126	2.072
%RSD	2.458	2.507	1.974	1.090	222.8	88.41
#1	262200.	23.14	1337000.	40.30	-.1054	.1639
#2	273200.	24.25	1299000.	41.08	.3662	4.287
#3	274200.	24.09	1287000.	41.05	-1.777	2.579
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	**-1.479**	**2.801**	**1.467**	**3.485**	**1707.**	**1.321**
Stddev	3.284	3.894	.597	.061	16.	.269
%RSD	222.1	139.0	40.66	1.761	.9650	20.33
#1	.2195	5.819	1.331	3.437	1688.	1.442
#2	.6081	4.178	2.121	3.554	1716.	1.508
#3	-5.264	-1.594	.9511	3.463	1716.	1.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44746-b-2-a Acquired: 9/20/2012 23:30:30 Type: Unk
Method: SW846_091912(v3) 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	**-.0675**	**2047.**	**4.985**	**7554.**
Stddev	.6231	33.	3.130	61.
%RSD	923.3	1.617	62.78	.8011
#1	.1340	2075.	5.714	7580.
#2	-.7664	2010.	1.555	7484.
#3	.4299	2056.	7.685	7596.
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	**3355.5**	**30535.**	**3601.3**
Stddev	17.2	662.	21.0
%RSD	.51264	2.1690	.58313
#1	3375.2	31297.	3599.2
#2	3343.5	30211.	3623.2
#3	3347.8	30097.	3581.4

Sample Name: 460-44758-g-2-a Acquired: 9/20/2012 23:34:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**616.0**	**1.390**	**-.0114**	**72.04**	**-.0458**	**17680.**
Stddev	5.8	1.790	.3229	.07	.0529	157.
%RSD	.9479	128.7	2843.	.1013	115.6	.8898
#1	614.7	-.4334	-.2933	72.03	-.1029	17530.
#2	611.0	1.460	-.0817	71.97	-.0359	17670.
#3	622.4	3.144	.3409	72.11	.0015	17850.
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	**.4090**	**.9895**	**17.15**	**29.11**	**4168.**	**6220.**
Stddev	.0591	.1992	.35	2.24	9.	60.
%RSD	14.46	20.13	2.043	7.709	.2227	.9572
#1	.4748	1.047	17.00	29.34	4168.	6244.
#2	.3603	.7679	16.90	26.76	4158.	6264.
#3	.3918	1.154	17.55	31.22	4177.	6152.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44758-g-2-a Acquired: 9/20/2012 23:34:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**5405.**	**1879.**	**74110.**	**14.56**	**15.66**	**1.752**
Stddev	8.	5.	252.	.49	1.51	2.942
%RSD	.1528	.2841	.3405	3.373	9.633	167.9
#1	5400.	1873.	74400.	14.62	16.43	4.538
#2	5415.	1884.	73950.	14.04	13.92	2.042
#3	5401.	1880.	73990.	15.02	16.64	-1.323
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	**.1103**	**2.043**	**3.803**	**112.4**	**82.49**	**1.924**
Stddev	.7118	3.334	.155	.5	1.77	.104
%RSD	645.0	163.2	4.067	.4286	2.143	5.415
#1	.4799	5.305	3.718	112.9	84.41	1.934
#2	.5613	-1.359	3.981	112.1	82.12	2.023
#3	-.7102	2.184	3.708	112.1	80.93	1.815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44758-g-2-a Acquired: 9/20/2012 23:34:47 Type: Unk
Method: SW846_091912(v3) 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	**1.545**	**87.06**	**26.54**	**11060.**
Stddev	.758	.55	.79	63.
%RSD	49.09	.6297	2.981	.5682
#1	.7722	86.43	25.69	11060.
#2	2.288	87.35	27.26	11130.
#3	1.574	87.40	26.66	11000.
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	**3908.5**	**36631.**	**3802.7**
Stddev	9.7	97.	34.5
%RSD	.24919	.26354	.90765
#1	3903.7	36577.	3815.6
#2	3919.7	36573.	3828.9
#3	3902.1	36742.	3763.6

Sample Name: 460-44758-g-3-a Acquired: 9/20/2012 23:38:56 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13.11**	**10.48**	**-.8586**	**83.66**	**-.0233**	**25290.**
Stddev	11.98	.68	.9248	.42	.1418	265.
%RSD	91.40	6.526	107.7	.5026	609.1	1.046
#1	19.93	9.706	-1.882	84.02	-.0125	25590.
#2	20.13	11.00	-.0818	83.77	.1128	25190.
#3	-.7255	10.74	-.6126	83.20	-.1701	25090.
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	**.1384**	**.6017**	**2.162**	**5.420**	**28260.**	**5157.**
Stddev	.1000	.2023	.502	1.222	341.	60.
%RSD	72.21	33.63	23.21	22.55	1.205	1.154
#1	.2309	.8329	2.609	6.619	27870.	5152.
#2	.1520	.4573	2.259	5.466	28470.	5219.
#3	.0324	.5147	1.619	4.175	28440.	5100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44758-g-3-a Acquired: 9/20/2012 23:38:56 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2969.**	**804.2**	**54890.**	**1.584**	**.8007**	**3.903**
Stddev	40.	10.7	1034.	.532	1.346	.427
%RSD	1.352	1.326	1.884	33.62	168.1	10.94
#1	2923.	791.9	55980.	2.193	-.7022	3.925
#2	2990.	811.2	54770.	1.208	1.209	4.319
#3	2995.	809.4	53920.	1.350	1.895	3.466
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	**1.790**	**4.209**	**.7594**	**32.52**	**73.49**	**.4069**
Stddev	2.046	1.457	.5611	.54	1.44	.4747
%RSD	114.3	34.61	73.88	1.660	1.955	116.6
#1	4.057	5.871	.2101	32.99	74.98	.6653
#2	1.231	3.156	1.332	32.64	72.11	-.1409
#3	.0814	3.599	.7367	31.93	73.39	.6963
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44758-g-3-a Acquired: 9/20/2012 23:38:56 Type: Unk
Method: SW846_091912(v3) 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	**-.3294**	**104.1**	**.1902**	**7383.**
Stddev	.8780	1.8	2.597	74.
%RSD	266.6	1.717	1366.	.9992
#1	.3838	105.8	2.009	7467.
#2	-.0619	104.1	1.345	7355.
#3	-1.310	102.2	-2.784	7328.
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	**3935.1**	**37657.**	**3800.7**
Stddev	6.9	550.	50.0
%RSD	.17419	1.4617	1.3168
#1	3927.2	38290.	3755.5
#2	3939.6	37393.	3792.1
#3	3938.4	37288.	3854.5

Sample Name: 460-44758-g-4-a Acquired: 9/20/2012 23:43:04 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**59.80**	**9.738**	**-.7606**	**86.59**	**-.0561**	**26050.**
Stddev	17.52	1.226	.5288	1.30	.0802	313.
%RSD	29.29	12.59	69.53	1.505	142.9	1.203
#1	79.52	9.361	-.2718	87.99	-.0435	26360.
#2	46.04	8.746	-1.322	86.34	-.1418	26030.
#3	53.84	11.11	-.6880	85.42	.0170	25740.
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	**.0242**	**.8732**	**2.304**	**8.319**	**29100.**	**5261.**
Stddev	.1460	.3166	.567	6.055	437.	55.
%RSD	603.7	36.25	24.60	72.79	1.502	1.054
#1	.1051	1.233	2.721	4.294	28650.	5206.
#2	.1118	.7489	1.659	5.380	29150.	5317.
#3	-.1443	.6377	2.533	15.28	29520.	5259.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44758-g-4-a Acquired: 9/20/2012 23:43:04 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3104.**	**832.2**	**56820.**	**1.253**	**-.1226**	**2.680**
Stddev	40.	13.8	331.	.830	.4175	1.340
%RSD	1.282	1.657	.5831	66.28	340.5	50.01
#1	3062.	818.2	56500.	1.909	-.2131	2.652
#2	3107.	832.6	57160.	1.530	.3327	4.035
#3	3142.	845.8	56800.	.3192	-.4875	1.354
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	**2.517**	**.5554**	**.7568**	**35.17**	**76.99**	**.7684**
Stddev	1.671	.7503	.2321	.61	1.78	.4474
%RSD	66.38	135.1	30.67	1.741	2.315	58.23
#1	.6090	1.294	.5470	35.83	77.98	1.270
#2	3.718	.5777	1.006	35.07	78.06	.6257
#3	3.225	-.2058	.7172	34.61	74.93	.4097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44758-g-4-a Acquired: 9/20/2012 23:43:04 Type: Unk
Method: SW846_091912(v3) 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	**.1062**	**107.5**	**.4829**	**7536.**
Stddev	.4482	1.1	1.669	34.
%RSD	422.0	.9789	345.7	.4566
#1	.2449	106.4	.0481	7555.
#2	.4687	108.5	-.9260	7557.
#3	-.3950	107.6	2.327	7496.
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	**3898.4**	**37044.**	**3781.8**
Stddev	40.0	217.	14.6
%RSD	1.0249	.58705	.38559
#1	3856.6	37262.	3788.0
#2	3902.3	37042.	3765.2
#3	3936.2	36827.	3792.4

Sample Name: CCB Acquired: 9/20/2012 23:51:04 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-11.27**	**1.257**	**.1664**	**.1919**	**-.0305**	**9.899**
Stddev	13.90	.708	.5465	.4434	.0357	11.81
%RSD	123.3	56.32	328.5	231.0	117.3	119.3
#1	3.288	.5236	-.4270	.6899	-.0507	21.40
#2	-24.39	1.936	.6490	-.1603	.0108	10.49
#3	-12.71	1.312	.2771	.0463	-.0515	-2.193
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	**.1063**	**-.0666**	**.4278**	**6.175**	**-1.300**	**92.94**
Stddev	.1382	.3928	.2983	7.915	13.45	43.17
%RSD	130.1	589.6	69.74	128.2	1034.	46.45
#1	.2650	.1791	.1364	-2.897	-1.155	128.5
#2	.0126	.1407	.7326	11.67	12.07	105.4
#3	.0412	-.5196	.4143	9.756	-14.82	44.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 23:51:04 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1.627**	**.3030**	**165.5**	**-.1628**	**-.3788**	**2.529**
Stddev	1.307	.1871	29.1	.4629	1.060	1.244
%RSD	80.37	61.74	17.59	284.4	279.8	49.19
#1	.1172	.5174	199.0	.0993	-1.596	2.580
#2	2.403	.2182	146.3	.1096	.1229	3.747
#3	2.360	.1734	151.2	-.6973	.3369	1.260
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	**2.620**	**4.805**	**.0661**	**-.0200**	**2.420**	**.5711**
Stddev	.865	.763	.4671	.0873	1.007	.4906
%RSD	33.01	15.88	707.0	436.4	41.59	85.91
#1	3.356	5.180	-.3943	.0136	3.556	1.135
#2	1.667	3.927	.5397	.0455	2.064	.2437
#3	2.837	5.308	.0528	-.1191	1.640	.3344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/20/2012 23:51:04 Type: QC
Method: SW846_091912(v3) 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	**-.8619**	**.2116**	**-.2981**	**3.516**
Stddev	.3738	.1846	1.741	9.019
%RSD	43.37	87.24	583.8	256.5
#1	-.9540	.4247	-1.920	-3.902
#2	-.4507	.1102	-.5154	.8954
#3	-1.181	.1000	1.541	13.56
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	**3951.9**	**37966.**	**3672.9**
Stddev	24.8	375.	76.3
%RSD	.62848	.98718	2.0766
#1	3939.2	38390.	3618.7
#2	3980.6	37679.	3760.1
#3	3936.1	37830.	3640.0

Sample Name: 460-44754-b-2-a Acquired: 9/20/2012 23:55:18 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**83.76**	**3.953**	**-.2891**	**833.8**	**.0369**	**62610.**
Stddev	24.89	2.071	.2452	5.3	.0460	263.
%RSD	29.71	52.40	84.80	.6382	124.7	.4196
#1	56.19	3.145	-.4685	838.6	.0010	62790.
#2	90.52	6.307	-.3892	828.1	.0209	62310.
#3	104.6	2.408	-.0097	834.7	.0887	62740.
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	**.2491**	**-.0773**	**2.750**	**10.30**	**6092.**	**4478.**
Stddev	.1367	.1661	.476	2.16	28.	104.
%RSD	54.87	215.0	17.31	20.97	.4670	2.319
#1	.2308	.0878	2.617	11.09	6084.	4359.
#2	.1225	-.2444	2.354	11.95	6068.	4525.
#3	.3940	-.0752	3.278	7.857	6123.	4550.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-2-a Acquired: 9/20/2012 23:55:18 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10660.**	**319.8**	**25660.**	**1.292**	**.4357**	**1.826**
Stddev	60.	.9	446.	.501	.9703	2.053
%RSD	.5644	.2874	1.739	38.80	222.7	112.4
#1	10690.	319.8	25250.	1.671	-.1857	-.0584
#2	10590.	318.9	25610.	.7237	1.554	4.013
#3	10700.	320.8	26140.	1.483	-.0611	1.522
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	**.9524**	**6.272**	**.6355**	**302.6**	**80.53**	**.7140**
Stddev	3.323	.278	.6408	2.5	.31	.1266
%RSD	348.9	4.437	100.8	.8360	.3815	17.73
#1	4.679	6.213	1.193	305.1	80.49	.8601
#2	-1.705	6.576	-.0646	300.0	80.24	.6451
#3	-.1162	6.029	.7780	302.7	80.85	.6369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-2-a Acquired: 9/20/2012 23:55:18 Type: Unk
Method: SW846_091912(v3) 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	**-1.494**	**4025.**	**6.718**	**4638.**
Stddev	.181	86.	1.375	45.
%RSD	12.13	2.129	20.47	.9766
#1	-1.395	3941.	6.587	4603.
#2	-1.703	4021.	5.413	4622.
#3	-1.384	4113.	8.154	4689.
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	**3883.8**	**36687.**	**3675.3**
Stddev	21.9	114.	38.1
%RSD	.56476	.30957	1.0361
#1	3879.9	36708.	3698.0
#2	3907.4	36789.	3696.5
#3	3864.0	36564.	3631.3

Sample Name: 460-44697-b-5-a Acquired: 9/21/2012 1:10:37 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**37.26**	**1.945**	**-.2228**	**158.6**	**-.1836**	**68820.**
Stddev	3.31	.913	.3552	1.4	.0327	989.
%RSD	8.874	46.92	159.4	.8855	17.83	1.437
#1	34.16	1.656	.1651	159.4	-.1460	69900.
#2	40.74	1.212	-.3017	159.3	-.1994	68610.
#3	36.89	2.967	-.5319	156.9	-.2054	67950.
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	**.2645**	**1.136**	**-.1542**	**13.75**	**24.77**	**9762.**
Stddev	.0638	.190	.1645	.34	13.21	78.
%RSD	24.11	16.72	106.7	2.506	53.33	.7951
#1	.2405	1.355	-.3388	13.40	31.68	9741.
#2	.2161	1.016	-.1005	14.09	33.09	9697.
#3	.3367	1.037	-.0232	13.77	9.538	9848.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-5-a Acquired: 9/21/2012 1:10:37 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**31110.**	**1558.**	**148000.**	**5.054**	**-.5412**	**1.786**
Stddev	165.	10.	1275.	.395	1.159	.787
%RSD	.5301	.6235	.8613	7.817	214.2	44.06
#1	31140.	1560.	148000.	5.400	-1.154	2.085
#2	30930.	1547.	146800.	5.139	.7958	2.379
#3	31260.	1566.	149300.	4.624	-1.266	.8933
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	**.9641**	**1.247**	**1.512**	**16.98**	**183.4**	**.8332**
Stddev	2.714	2.672	.324	.22	2.2	.4337
%RSD	281.5	214.2	21.41	1.294	1.225	52.05
#1	3.623	4.330	1.309	17.10	185.2	.5097
#2	1.071	-.3975	1.886	17.10	184.1	.6639
#3	-1.801	-.1906	1.342	16.72	180.9	1.326
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-5-a Acquired: 9/21/2012 1:10:37 Type: Unk
Method: SW846_091912(v3) 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	**1.638**	**381.9**	**4.986**	**4960.**
Stddev	.366	3.3	1.863	21.
%RSD	22.33	.8593	37.36	.4224
#1	1.243	381.0	4.412	4973.
#2	1.966	379.1	3.478	4936.
#3	1.705	385.5	7.069	4972.
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	**3760.4**	**35098.**	**3640.0**
Stddev	13.0	79.	30.0
%RSD	.34639	.22553	.82398
#1	3752.5	35067.	3628.1
#2	3753.2	35188.	3674.1
#3	3775.4	35038.	3617.7

Sample Name: 460-44754-b-3-a Acquired: 9/20/2012 23:59:25 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**77.67**	**4.101**	**-.3819**	**952.9**	**.0424**	**62490.**
Stddev	26.01	.984	.7325	7.2	.1910	681.
%RSD	33.48	23.98	191.8	.7540	450.8	1.090
#1	89.30	4.269	.1538	949.8	-.1708	62750.
#2	47.88	3.045	-1.217	947.7	.1978	61720.
#3	95.83	4.990	-.0827	961.1	.1002	63000.
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	**.1298**	**-.0543**	**3.550**	**5.701**	**4525.**	**4615.**
Stddev	.1306	.3073	.509	2.480	27.	8.
%RSD	100.6	565.5	14.33	43.50	.5898	.1836
#1	.1578	-.0465	3.609	8.422	4526.	4625.
#2	-.0125	-.3655	4.027	3.567	4552.	4612.
#3	.2441	.2489	3.014	5.114	4498.	4610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-3-a Acquired: 9/20/2012 23:59:25 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**304.0**	**25810.**	**1.862**	**-.1694**	**3.897**
Stddev	109.	2.0	201.	.600	1.566	.897
%RSD	1.018	.6619	.7789	32.21	924.4	23.03
#1	10680.	303.9	25810.	2.535	-1.898	2.861
#2	10790.	306.1	25620.	1.671	1.155	4.439
#3	10570.	302.1	26020.	1.382	.2352	4.390
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	**-.4466**	**.3759**	**-.3507**	**179.2**	**83.27**	**.5176**
Stddev	1.977	3.179	.3735	1.4	.51	.3677
%RSD	442.7	845.8	106.5	.7581	.6100	71.03
#1	.8676	-3.193	-.4757	178.6	83.26	.2485
#2	-2.720	1.414	-.6455	178.3	82.77	.9366
#3	.5131	2.906	.0693	180.8	83.79	.3679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-3-a Acquired: 9/20/2012 23:59:25 Type: Unk
Method: SW846_091912(v3) 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	**-1.920**	**4275.**	**5.366**	**4597.**
Stddev	.250	32.	2.478	44.
%RSD	13.01	.7432	46.18	.9539
#1	-2.105	4274.	2.519	4620.
#2	-1.636	4244.	6.544	4546.
#3	-2.019	4307.	7.035	4624.
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	**3884.8**	**36709.**	**3738.2**
Stddev	23.8	527.	20.7
%RSD	.61381	1.4345	.55270
#1	3898.9	36785.	3737.9
#2	3898.2	36149.	3759.0
#3	3857.3	37194.	3717.7

Sample Name: 460-44754-b-4-a Acquired: 9/21/2012 0:03:32 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.45**	**4.429**	**-.0943**	**723.1**	**.0138**	**63120.**
Stddev	16.26	.344	.4066	1.1	.0581	596.
%RSD	33.55	7.771	431.3	.1589	421.0	.9445
#1	67.15	4.580	-.1077	724.3	.0558	63790.
#2	40.56	4.035	.3189	722.1	-.0525	62890.
#3	37.64	4.672	-.4940	722.9	.0382	62670.
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	**.1964**	**-.1234**	**7.585**	**7.240**	**4048.**	**4401.**
Stddev	.0386	.3948	.685	2.646	22.	44.
%RSD	19.66	319.9	9.026	36.55	.5551	1.006
#1	.1931	.0575	8.234	4.184	4039.	4374.
#2	.2366	-.5763	7.651	8.749	4073.	4376.
#3	.1595	.1486	6.870	8.785	4031.	4452.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-4-a Acquired: 9/21/2012 0:03:32 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10910.**	**326.8**	**25520.**	**.9960**	**1.277**	**4.612**
Stddev	62.	2.2	65.	.8087	1.121	1.158
%RSD	.5675	.6867	.2544	81.20	87.72	25.11
#1	10840.	324.7	25590.	.5730	.0197	3.486
#2	10950.	329.1	25510.	.4865	1.643	5.800
#3	10930.	326.6	25470.	1.928	2.169	4.550
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	**-.0133**	**3.013**	**.6082**	**53.92**	**74.06**	**-.0535**
Stddev	1.822	1.543	.4469	.16	.68	.3104
%RSD	13750.	51.22	73.49	.3002	.9175	580.2
#1	.6676	4.621	.0989	53.78	73.98	-.3941
#2	-2.078	1.544	.9349	53.87	73.43	.2136
#3	1.370	2.873	.7907	54.10	74.78	.0200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-4-a Acquired: 9/21/2012 0:03:32 Type: Unk
Method: SW846_091912(v3) 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	**-1.186**	**3826.**	**1.494**	**4742.**
Stddev	.483	4.	1.309	53.
%RSD	40.69	.1103	87.63	1.110
#1	-.9643	3827.	.2197	4696.
#2	-1.740	3829.	1.427	4730.
#3	-.8547	3821.	2.835	4799.
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	**3867.5**	**36343.**	**3722.9**
Stddev	12.8	282.	14.5
%RSD	.33041	.77526	.38913
#1	3876.7	36632.	3713.8
#2	3872.9	36069.	3715.4
#3	3852.9	36326.	3739.6

Sample Name: 460-44754-b-5-a Acquired: 9/21/2012 0:07:40 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.38**	**3.411**	**-.3698**	**721.8**	**-.1781**	**59100.**
Stddev	12.72	.982	.2588	.6	.0875	463.
%RSD	23.83	28.80	70.00	.0869	49.10	.7829
#1	54.25	2.770	-.6477	722.5	-.1078	59480.
#2	40.25	4.542	-.1355	721.3	-.2761	59240.
#3	65.65	2.920	-.3261	721.6	-.1505	58590.
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	**.1443**	**.1100**	**5.219**	**6.371**	**3023.**	**4682.**
Stddev	.0751	.3107	.355	5.126	28.	38.
%RSD	52.03	282.6	6.795	80.45	.9403	.8170
#1	.2229	-.2468	5.609	1.240	3048.	4641.
#2	.1367	.2557	5.130	6.381	3028.	4717.
#3	.0733	.3210	4.917	11.49	2992.	4687.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-5-a Acquired: 9/21/2012 0:07:40 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10280.**	**309.4**	**25060.**	**1.166**	**-.3701**	**2.789**
Stddev	66.	2.3	94.	.838	1.543	.795
%RSD	.6392	.7580	.3746	71.93	417.0	28.50
#1	10340.	311.4	25000.	2.096	.9418	2.467
#2	10300.	309.9	25010.	.4678	-2.071	3.695
#3	10210.	306.8	25170.	.9333	.0187	2.206
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	**1.192**	**5.068**	**.3240**	**215.4**	**76.35**	**.1023**
Stddev	2.176	.593	.1555	.3	1.04	.4298
%RSD	182.6	11.70	47.99	.1396	1.369	419.9
#1	-1.287	5.709	.1918	215.7	75.63	-.2855
#2	2.789	4.539	.2849	215.5	77.55	.5643
#3	2.072	4.956	.4953	215.1	75.88	.0282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-5-a Acquired: 9/21/2012 0:07:40 Type: Unk
Method: SW846_091912(v3) 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	**-.4588**	**3953.**	**1.696**	**4585.**
Stddev	.6036	21.	2.574	65.
%RSD	131.5	.5247	151.8	1.408
#1	-1.034	3935.	1.873	4555.
#2	-.5117	3949.	-.9624	4659.
#3	.1694	3976.	4.176	4542.
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	**3846.4**	**36579.**	**3701.1**
Stddev	8.0	107.	19.0
%RSD	.20823	.29293	.51258
#1	3854.1	36661.	3702.2
#2	3838.1	36458.	3719.5
#3	3847.0	36618.	3681.6

Sample Name: 460-44754-b-6-a Acquired: 9/21/2012 0:11:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1690.**	**1.776**	**-.6784**	**252.4**	**.1047**	**58110.**
Stddev	31.	.393	.3666	1.1	.0337	56.
%RSD	1.831	22.10	54.03	.4541	32.15	.0970
#1	1701.	1.615	-1.088	253.5	.1362	58120.
#2	1656.	2.224	-.3801	251.2	.1087	58050.
#3	1715.	1.490	-.5676	252.4	.0692	58160.
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	**.4279**	**2.564**	**224.1**	**11.05**	**2393.**	**2523.**
Stddev	.0475	.272	5.1	5.67	50.	36.
%RSD	11.11	10.61	2.281	51.32	2.078	1.421
#1	.4698	2.275	222.7	4.515	2379.	2555.
#2	.3763	2.603	229.7	14.68	2449.	2484.
#3	.4375	2.815	219.7	13.96	2352.	2530.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-6-a Acquired: 9/21/2012 0:11:47 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10940.**	**225.7**	**22750.**	**4.838**	**1.724**	**4.038**
Stddev	253.	5.3	286.	.440	.696	1.810
%RSD	2.309	2.339	1.257	9.083	40.37	44.81
#1	10860.	223.6	22590.	4.636	1.274	6.122
#2	11230.	231.7	22580.	5.342	2.525	2.868
#3	10740.	221.8	23080.	4.536	1.372	3.124
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	**.8733**	**2.771**	**2.000**	**152.3**	**33.76**	**.1010**
Stddev	1.985	2.634	.464	.6	.44	.1360
%RSD	227.3	95.05	23.17	.4021	1.303	134.6
#1	3.163	5.511	2.533	152.7	33.96	.2012
#2	-.1849	2.544	1.776	151.6	34.06	.1556
#3	-.3586	.2580	1.691	152.5	33.25	-.0538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-6-a Acquired: 9/21/2012 0:11:47 Type: Unk
Method: SW846_091912(v3) 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	**-.5670**	**894.5**	**16.79**	**5871.**
Stddev	.4189	11.9	2.31	22.
%RSD	73.87	1.327	13.77	.3818
#1	-.4961	886.8	14.16	5862.
#2	-.1882	888.6	18.47	5854.
#3	-1.017	908.2	17.74	5896.
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	**3923.4**	**36813.**	**3742.0**
Stddev	14.9	555.	46.1
%RSD	.38047	1.5076	1.2309
#1	3927.8	37065.	3755.7
#2	3935.6	36176.	3779.7
#3	3906.7	37196.	3690.7

Sample Name: 460-44754-b-7-a Acquired: 9/21/2012 0:15:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**332.0**	**2.499**	**-.4797**	**166.2**	**.0394**	**55240.**
Stddev	19.7	1.856	.1973	2.3	.1188	567.
%RSD	5.928	74.26	41.14	1.404	301.4	1.026
#1	350.1	.6982	-.2598	167.3	-.0850	55320.
#2	334.8	2.394	-.6413	163.5	.0515	54640.
#3	311.1	4.406	-.5380	167.7	.1517	55760.
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	**1.086**	**.6657**	**139.2**	**13.54**	**4582.**	**2201.**
Stddev	.136	.2695	1.5	2.21	36.	56.
%RSD	12.51	40.48	1.055	16.33	.7795	2.533
#1	.9802	.7492	137.5	14.57	4549.	2160.
#2	1.039	.8836	139.8	11.00	4578.	2180.
#3	1.240	.3644	140.2	15.04	4620.	2265.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-7-a Acquired: 9/21/2012 0:15:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**9903.**	**105.6**	**26290.**	**3.503**	**2.201**	**2.789**
Stddev	107.	.9	251.	.359	.957	1.975
%RSD	1.078	.8769	.9532	10.25	43.48	70.83
#1	9783.	104.5	26000.	3.860	1.939	.7744
#2	9939.	105.8	26440.	3.142	3.261	4.723
#3	9987.	106.3	26420.	3.507	1.402	2.869
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	**3.064**	**2.128**	**1.009**	**377.2**	**32.32**	**.7317**
Stddev	.261	1.957	.407	5.0	.26	.3111
%RSD	8.518	91.96	40.29	1.325	.7994	42.53
#1	3.042	2.292	.6225	378.7	32.26	1.060
#2	3.336	3.997	1.433	371.6	32.10	.4409
#3	2.815	.0942	.9714	381.3	32.61	.6943
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44754-b-7-a Acquired: 9/21/2012 0:15:54 Type: Unk
Method: SW846_091912(v3) 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	**.0902**	**746.1**	**6.863**	**3495.**
Stddev	.4516	6.4	1.968	27.
%RSD	500.6	.8590	28.67	.7635
#1	-.4298	738.7	7.564	3482.
#2	.3166	749.2	4.641	3477.
#3	.3838	750.3	8.384	3525.
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	**3870.7**	**36752.**	**3728.6**
Stddev	42.2	472.	41.0
%RSD	1.0893	1.2844	1.0990
#1	3879.1	37292.	3771.4
#2	3908.0	36544.	3724.8
#3	3825.0	36419.	3689.7

Sample Name: 460-44748-i-2-a Acquired: 9/21/2012 0:20:01 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.989**	**.4873**	**-.6858**	**.4906**	**-.1153**	**39.49**
Stddev	28.14	1.886	.5176	.0406	.0909	14.89
%RSD	705.5	387.1	75.47	8.276	78.85	37.71
#1	-26.90	-.1100	-.1272	.4486	-.2035	55.26
#2	28.16	-1.028	-1.149	.4937	-.0218	37.55
#3	10.71	2.600	-.7811	.5296	-.1207	25.67
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	**.1062**	**-.0749**	**2.064**	**10.39**	**72.01**	**-8.337**
Stddev	.0788	.2390	.430	2.59	4.45	59.08
%RSD	74.24	319.2	20.84	24.95	6.175	708.6
#1	.0187	-.3183	1.612	11.03	66.87	-10.60
#2	.1718	.1595	2.112	7.537	74.57	-66.25
#3	.1280	-.0658	2.469	12.60	74.58	51.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-2-a Acquired: 9/21/2012 0:20:01 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**10.74**	**.8145**	**286.8**	**2.412**	**-.6482**	**2.406**
Stddev	2.53	.0193	8.7	.070	1.328	2.931
%RSD	23.59	2.373	3.022	2.897	204.9	121.9
#1	8.023	.8005	289.4	2.474	.8404	4.302
#2	11.16	.8065	277.1	2.425	-1.074	-.9708
#3	13.04	.8366	293.8	2.336	-1.711	3.886
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	**.9708**	**3.363**	**.0424**	**7.650**	**21.70**	**.0135**
Stddev	2.804	3.567	.4378	.164	.41	.2380
%RSD	288.8	106.1	1033.	2.139	1.885	1762.
#1	-1.853	3.232	.5150	7.666	21.91	.2812
#2	3.754	-.1369	-.3494	7.805	21.23	-.1742
#3	1.011	6.994	-.0384	7.479	21.95	-.0664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-2-a Acquired: 9/21/2012 0:20:01 Type: Unk
Method: SW846_091912(v3) 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	**-.1096**	**.3430**	**.5223**	**64.99**
Stddev	.5103	.0467	1.575	5.58
%RSD	465.6	13.61	301.5	8.592
#1	-.6889	.3568	-.8180	67.02
#2	.2736	.2910	.1282	58.68
#3	.0865	.3813	2.257	69.28
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	**3983.6**	**38636.**	**3766.8**
Stddev	5.6	108.	18.2
%RSD	.14146	.28061	.48302
#1	3977.8	38635.	3751.2
#2	3984.1	38745.	3786.8
#3	3989.0	38528.	3762.5

Sample Name: 460-44748-i-3-a Acquired: 9/21/2012 0:24:15 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**978.9**	**.2015**	**4.452**	**32.29**	**-.3161**	**197200.**
Stddev	8.0	.8029	.625	.21	.2216	588.
%RSD	.8204	398.5	14.04	.6619	70.10	.2984
#1	975.3	-.6930	4.138	32.13	-.1046	197300.
#2	973.3	.4377	4.046	32.53	-.5466	196500.
#3	988.1	.8597	5.172	32.22	-.2972	197700.
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	**.8176**	**262.0**	**157.8**	**97.40**	**4531.**	**9590.**
Stddev	.0265	.2	1.8	2.12	36.	116.
%RSD	3.246	.0843	1.126	2.172	.7913	1.205
#1	.8131	261.8	155.8	95.62	4494.	9457.
#2	.8461	262.1	158.4	96.84	4532.	9661.
#3	.7936	262.2	159.1	99.74	4566.	9652.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-3-a Acquired: 9/21/2012 0:24:15 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**66160.**	F **37330.**	F **907500.**	**1567.**	**14.00**	**3.550**
Stddev	318.	455.	11660.	2.	.47	2.852
%RSD	.4800	1.218	1.285	.1362	3.337	80.34
#1	65860.	36890.	907200.	1565.	13.59	.2571
#2	66130.	37800.	919300.	1566.	13.89	5.156
#3	66490.	37320.	896000.	1569.	14.51	5.238
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	**6.948**	F **-47.91**	**8.142**	**348.7**	F **5938.**	**46.85**
Stddev	1.564	1.37	.332	.3	6.	.13
%RSD	22.52	2.855	4.080	.0735	.1053	.2732
#1	8.619	-47.63	8.215	348.9	5932.	46.98
#2	6.706	-46.70	7.779	348.4	5937.	46.83
#3	5.518	-49.39	8.432	348.7	5945.	46.72
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit		5000.			2000.	
Low Limit		-20.00			-50.00	

Sample Name: 460-44748-i-3-a Acquired: 9/21/2012 0:24:15 Type: Unk
Method: SW846_091912(v3) 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	**3.544**	**544.1**	**34.54**	**9368.**
Stddev	.524	4.5	1.38	67.
%RSD	14.80	.8208	4.005	.7166
#1	3.082	543.4	33.99	9336.
#2	4.114	539.9	33.51	9322.
#3	3.436	548.8	36.11	9445.
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	**3560.3**	**32806.**	**3658.9**
Stddev	13.9	244.	10.2
%RSD	.39133	.74449	.27744
#1	3571.7	32978.	3650.2
#2	3564.4	32912.	3670.0
#3	3544.7	32526.	3656.4

Sample Name: 460-44748-i-4-a Acquired: 9/21/2012 0:28:38 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**325.0**	**2.777**	**.1725**	**98.81**	**-.2588**	F **518000.**
Stddev	7.3	.964	.9108	.39	.0246	843.
%RSD	2.238	34.70	527.9	.3956	9.489	.1626
#1	316.9	3.073	1.213	98.38	-.2371	517200.
#2	331.0	1.700	-.2134	99.14	-.2855	518900.
#3	327.0	3.557	-.4817	98.91	-.2539	517900.
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	**.4858**	**8.596**	**23.20**	**184.6**	**487.6**	**37580.**
Stddev	.0492	.204	.43	1.5	11.3	215.
%RSD	10.13	2.371	1.847	.8210	2.315	.5720
#1	.5425	8.576	22.82	185.2	490.4	37350.
#2	.4543	8.810	23.12	185.7	475.2	37610.
#3	.4607	8.404	23.67	182.9	497.2	37770.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-4-a Acquired: 9/21/2012 0:28:38 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**53550.**	**4119.**	**195500.**	**44.86**	**4.679**	**1.041**
Stddev	151.	7.	880.	.98	1.195	.998
%RSD	.2812	.1814	.4502	2.175	25.53	95.89
#1	53730.	4127.	194500.	44.65	3.923	1.450
#2	53480.	4113.	195600.	45.93	4.058	1.769
#3	53460.	4117.	196200.	44.01	6.056	-.0968
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	**5.354**	**-.9013**	**1.366**	**115.5**	**1823.**	**41.18**
Stddev	.569	1.937	.539	.9	11.	.14
%RSD	10.63	214.9	39.43	.7984	.5892	.3474
#1	5.867	-2.426	1.054	114.4	1811.	41.07
#2	4.742	1.278	1.056	116.1	1832.	41.34
#3	5.455	-1.556	1.988	115.9	1827.	41.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-4-a Acquired: 9/21/2012 0:28:38 Type: Unk
Method: SW846_091912(v3) 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	**1.891**	**1039.**	**19.49**	**9318.**
Stddev	.973	3.	2.58	66.
%RSD	51.43	.2571	13.25	.7125
#1	1.339	1037.	22.46	9267.
#2	3.014	1038.	17.88	9293.
#3	1.320	1042.	18.12	9393.
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	**3562.7**	**33088.**	**3578.9**
Stddev	17.4	58.	13.1
%RSD	.48730	.17470	.36469
#1	3582.2	33033.	3573.4
#2	3557.0	33084.	3569.5
#3	3548.9	33148.	3593.8

Sample Name: 460-44748-i-5-a Acquired: 9/21/2012 0:32:45 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**338.0**	**3.046**	**-.1548**	**43.77**	**-.1389**	F **575300.**
Stddev	13.5	1.721	.1994	.54	.1956	4460.
%RSD	3.994	56.50	128.8	1.231	140.8	.7752
#1	322.4	3.769	-.2445	43.22	-.2004	576000.
#2	345.8	4.288	.0737	43.80	-.2964	570500.
#3	345.9	1.081	-.2935	44.30	.0800	579300.
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	**.2808**	**112.1**	**16.33**	**143.6**	**4037.**	**49240.**
Stddev	.0625	2.1	.41	2.7	34.	466.
%RSD	22.27	1.844	2.502	1.874	.8475	.9470
#1	.2106	110.3	16.35	144.0	4009.	48730.
#2	.3014	111.6	16.73	146.0	4075.	49350.
#3	.3305	114.3	15.92	140.7	4026.	49640.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-5-a Acquired: 9/21/2012 0:32:45 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**73550.**	**8910.**	F **363900.**	**1644.**	**1.979**	**1.705**
Stddev	971.	89.	6448.	20.	.670	.140
%RSD	1.320	.9979	1.772	1.221	33.88	8.235
#1	72900.	8858.	358000.	1628.	2.456	1.781
#2	74660.	9012.	370800.	1638.	1.212	1.790
#3	73070.	8859.	362900.	1666.	2.268	1.543
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	**8.824**	**-10.80**	**2.197**	**34.85**	**1104.**	**30.06**
Stddev	2.636	6.53	.498	.64	14.	.32
%RSD	29.88	60.41	22.68	1.823	1.254	1.059
#1	7.910	-12.02	1.935	34.46	1093.	30.38
#2	11.80	-16.64	2.772	34.51	1098.	30.06
#3	6.766	-3.755	1.885	35.59	1119.	29.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-5-a Acquired: 9/21/2012 0:32:45 Type: Unk
Method: SW846_091912(v3) 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	**16.88**	**971.1**	**17.41**	**9096.**
Stddev	.43	5.5	.77	77.
%RSD	2.539	.5639	4.411	.8511
#1	17.35	965.2	16.72	9059.
#2	16.51	972.2	18.23	9044.
#3	16.78	976.0	17.27	9185.
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	**3538.2**	**32816.**	**3611.6**
Stddev	26.2	292.	12.5
%RSD	.73954	.88884	.34649
#1	3558.3	32985.	3620.2
#2	3547.7	32479.	3597.2
#3	3508.6	32984.	3617.3

Sample Name: CCV Acquired: 9/21/2012 0:37:08 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**129600.**	**2573.**	**1275.**	**10280.**	**1014.**	F **108300.**
Stddev	2395.	5.	7.	34.	17.	583.
%RSD	1.849	.2119	.5314	.3340	1.673	.5379
#1	126800.	2567.	1269.	10260.	994.6	107700.
#2	130600.	2575.	1282.	10270.	1021.	108600.
#3	131300.	2577.	1274.	10320.	1027.	108800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						125000.
Range						-10.50%

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	**1291.**	**2584.**	**5110.**	**12790.**	**102300.**	**54160.**
Stddev	3.	6.	26.	233.	487.	999.
%RSD	.2687	.2220	.5058	1.818	.4760	1.845
#1	1288.	2582.	5091.	12530.	101800.	53020.
#2	1289.	2579.	5139.	12890.	102800.	54570.
#3	1295.	2590.	5100.	12960.	102100.	54890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 0:37:08 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**128700.**	**5193.**	**137800.**	**2614.**	**7863.**	**1036.**
Stddev	810.	28.	2495.	7.	20.	5.
%RSD	.6295	.5431	1.811	.2804	.2592	.5158
#1	127900.	5168.	134900.	2612.	7847.	1038.
#2	129500.	5223.	138800.	2609.	7856.	1030.
#3	128600.	5187.	139600.	2623.	7886.	1040.
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	**2553.**	**2620.**	**2553.**	**2563.**	**1028.**	**2585.**
Stddev	2.	9.	15.	8.	3.	9.
%RSD	.0591	.3622	.5767	.3037	.2539	.3295
#1	2552.	2619.	2538.	2558.	1026.	2576.
#2	2553.	2611.	2567.	2559.	1027.	2584.
#3	2555.	2630.	2553.	2572.	1031.	2593.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 0:37:08 Type: QC
Method: SW846_091912(v3) 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	**1038.**	**5355.**	**10360.**	**9269.**
Stddev	5.	95.	178.	127.
%RSD	.4336	1.778	1.713	1.365
#1	1034.	5246.	10160.	9137.
#2	1037.	5398.	10450.	9281.
#3	1043.	5421.	10490.	9389.
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	**3614.0**	**33691.**	**3539.1**
Stddev	12.0	215.	21.6
%RSD	.33271	.63949	.60946
#1	3615.8	33855.	3564.0
#2	3625.0	33447.	3527.2
#3	3601.2	33771.	3526.1

Sample Name: CCB Acquired: 9/21/2012 0:40:59 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-44.21**	**.7662**	**-.3093**	**.0997**	**-.0547**	**8.022**
Stddev	35.72	.8717	.3367	.2589	.0864	11.82
%RSD	80.79	113.8	108.9	259.6	157.8	147.3
#1	-19.09	1.472	-.6588	.3485	.0036	9.878
#2	-28.44	-.2083	-.2820	-.1682	-.0138	-4.616
#3	-85.09	1.035	.0130	.1188	-.1540	18.80
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	**.0681**	**.1678**	**.4266**	**9.185**	**2.445**	**110.8**
Stddev	.0926	.1843	.4840	4.088	17.51	51.1
%RSD	136.0	109.8	113.5	44.50	716.3	46.15
#1	.0078	.3802	.9626	8.764	21.36	147.8
#2	.0217	.0494	.0216	5.324	-13.22	132.1
#3	.1748	.0739	.2956	13.47	-.8037	52.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 0:40:59 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.319**	**.1866**	**209.5**	**.6291**	**-1.085**	**4.164**
Stddev	2.133	.1702	58.1	.3815	1.122	.274
%RSD	161.7	91.20	27.71	60.65	103.4	6.574
#1	.5047	.3777	275.9	.9922	-.6377	3.996
#2	-3.664	.1306	184.1	.6637	-.2551	4.016
#3	-.7972	.0515	168.5	.2315	-2.361	4.480
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	**1.403**	**3.213**	**-.0702**	**-.0480**	**5.045**	**.5137**
Stddev	1.400	1.148	.0998	.1184	.602	.3303
%RSD	99.81	35.72	142.2	246.8	11.93	64.29
#1	2.844	1.888	-.0302	-.1700	5.721	.8947
#2	1.318	3.856	-.1838	.0664	4.566	.3383
#3	.0472	3.894	.0034	-.0403	4.849	.3081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 0:40:59 Type: QC
Method: SW846_091912(v3) 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	**-.1676**	**-.0007**	**1.125**	**8.261**
Stddev	.5661	.3984	.187	10.38
%RSD	337.8	53720.	16.59	125.6
#1	-.6800	.4417	1.340	15.14
#2	-.2627	-.1129	1.009	-3.677
#3	.4400	-.3310	1.025	13.32
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	**3917.2**	**37703.**	**3618.6**
Stddev	6.2	276.	27.0
%RSD	.15878	.73299	.74614
#1	3920.2	37960.	3603.3
#2	3910.1	37411.	3649.8
#3	3921.4	37740.	3602.8

Sample Name: 460-44748-i-7-a Acquired: 9/21/2012 0:45:13 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6067.**	**32.10**	**.5396**	**85.14**	**.0404**	**61250.**
Stddev	42.	3.11	1.062	.35	.1636	679.
%RSD	.6891	9.691	196.9	.4082	404.7	1.108
#1	6037.	35.65	-.6706	85.52	.2219	60520.
#2	6115.	30.84	1.318	85.06	-.0046	61350.
#3	6049.	29.82	.9712	84.83	-.0960	61870.
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	**.0687**	**1.320**	**63.49**	**17.99**	**10330.**	**5895.**
Stddev	.1669	.066	.62	2.35	66.	94.
%RSD	243.0	4.958	.9822	13.07	.6415	1.599
#1	-.1224	1.264	63.03	16.99	10410.	5812.
#2	.1425	1.392	63.23	20.68	10290.	5998.
#3	.1859	1.304	64.20	16.31	10310.	5876.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-7-a Acquired: 9/21/2012 0:45:13 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**213.5**	**25.53**	**89940.**	**55.89**	**-.8540**	**-2.649**
Stddev	4.0	.06	924.	.55	.5889	2.702
%RSD	1.855	.2307	1.027	.9760	68.96	102.0
#1	217.5	25.60	89160.	56.50	-1.271	-5.019
#2	213.3	25.48	90960.	55.46	-1.111	.2931
#3	209.6	25.52	89690.	55.70	-.1802	-3.220
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	**39.70**	F **-61.01**	**1.238**	**7.121**	**131.4**	**13.13**
Stddev	.57	2.42	.439	.147	.5	.38
%RSD	1.425	3.966	35.44	2.064	.3928	2.907
#1	40.22	-63.45	.8826	6.956	131.8	13.40
#2	39.78	-58.61	1.728	7.169	131.5	12.69
#3	39.10	-60.97	1.103	7.238	130.8	13.29
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-20.00				

Sample Name: 460-44748-i-7-a Acquired: 9/21/2012 0:45:13 Type: Unk
Method: SW846_091912(v3) 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	**19.04**	**101.0**	**9.379**	**673.3**
Stddev	.29	1.3	1.620	18.0
%RSD	1.544	1.300	17.28	2.678
#1	18.86	99.67	7.631	686.4
#2	19.37	102.3	9.677	652.8
#3	18.87	101.2	10.83	680.9
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	**3899.4**	**37633.**	**3805.5**
Stddev	18.5	191.	9.5
%RSD	.47344	.50730	.24879
#1	3879.4	37512.	3815.9
#2	3903.3	37853.	3803.1
#3	3915.7	37534.	3797.4

Sample Name: 460-44805-b-7-a@4 Acquired: 9/21/2012 2:32:33 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41130.**	**10.89**	**-.8111**	**188.4**	**1.595**	**6465.**
Stddev	409.	.71	.3583	.7	.039	48.
%RSD	.9954	6.530	44.18	.3623	2.444	.7466
#1	41210.	11.56	-.4406	188.6	1.578	6490.
#2	41500.	10.98	-1.156	187.7	1.639	6410.
#3	40690.	10.14	-.8368	189.0	1.567	6496.
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	**-.0106**	**30.48**	**48.53**	**91.66**	**79430.**	**2909.**
Stddev	.0163	.23	.30	1.09	353.	67.
%RSD	153.6	.7514	.6228	1.188	.4441	2.299
#1	.0028	30.74	48.82	92.23	79780.	2836.
#2	-.0059	30.33	48.55	92.35	79420.	2922.
#3	-.0287	30.37	48.22	90.41	79080.	2968.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-b-7-a@4 Acquired: 9/21/2012 2:32:33 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**15600.**	**1461.**	**844.6**	**50.48**	**52.25**	**1.966**
Stddev	51.	6.	13.8	.90	.07	1.195
%RSD	.3289	.4297	1.630	1.777	.1418	60.80
#1	15640.	1468.	860.5	50.44	52.16	2.498
#2	15610.	1460.	837.1	49.61	52.30	.5970
#3	15540.	1455.	836.3	51.40	52.28	2.803
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**	**-1.862**	**114.2**	**192.2**	**10.69**	**.0701**
Stddev	2.106	1.159	.5	1.3	.13	.4436
%RSD	1286.	62.23	.4466	.6735	1.197	632.6
#1	-2.118	-1.214	114.6	192.4	10.63	.1277
#2	2.033	-3.200	113.6	190.8	10.84	-.3994
#3	.5772	-1.172	114.3	193.4	10.61	.4821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-b-7-a@4 Acquired: 9/21/2012 2:32:33 Type: Unk
Method: SW846_091912(v3) 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	**1.760**	**38.59**	**1490.**	**1023.**
Stddev	.699	.24	10.	17.
%RSD	39.69	.6250	.6639	1.677
#1	2.488	38.67	1491.	1039.
#2	1.696	38.78	1499.	1024.
#3	1.096	38.32	1479.	1005.
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	**4011.5**	**38250.**	**3703.2**
Stddev	29.8	132.	14.9
%RSD	.74204	.34421	.40359
#1	3978.6	38109.	3716.8
#2	4036.5	38274.	3687.2
#3	4019.4	38369.	3705.5

Sample Name: 460-44748-i-6-a Acquired: 9/21/2012 0:49:21 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**563.7**	**-2.666**	**3.301**	**50.99**	**-.2723**	F **652300.**
Stddev	17.1	5.115	.519	.31	.0628	6611.
%RSD	3.030	191.9	15.73	.6055	23.07	1.014
#1	582.6	3.210	2.776	50.97	-.3424	655400.
#2	549.5	-6.120	3.312	51.30	-.2534	656800.
#3	558.8	-5.089	3.815	50.69	-.2212	644700.
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	**.5942**	**53.08**	**27.23**	**2826.**	**6710.**	**7340.**
Stddev	.1165	.35	.61	8.	75.	34.
%RSD	19.61	.6621	2.251	.2796	1.125	.4665
#1	.7280	53.29	27.88	2829.	6754.	7332.
#2	.5390	53.27	26.66	2817.	6623.	7378.
#3	.5155	52.68	27.14	2831.	6753.	7311.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44748-i-6-a Acquired: 9/21/2012 0:49:21 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**61920.**	F **27850.**	**220300.**	**657.2**	**5.635**	**.2240**
Stddev	569.	607.	875.	4.2	1.403	2.344
%RSD	.9191	2.180	.3972	.6424	24.89	1047.
#1	62230.	28180.	221100.	658.7	6.872	.1329
#2	61260.	27150.	219400.	660.5	5.922	2.613
#3	62270.	28220.	220300.	652.4	4.111	-2.074
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	**7.050**	F **-39.38**	**3.521**	**43.36**	**998.7**	**10.72**
Stddev	3.119	2.64	.628	.34	4.5	.43
%RSD	44.25	6.701	17.83	.7942	.4552	3.997
#1	7.987	-42.05	2.988	43.44	997.1	11.10
#2	9.593	-36.77	3.361	43.66	1004.	10.82
#3	3.569	-39.30	4.213	42.98	995.2	10.26
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-20.00				

Sample Name: 460-44748-i-6-a Acquired: 9/21/2012 0:49:21 Type: Unk
Method: SW846_091912(v3) 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	**.1403**	**2204.**	**22.52**	**13950.**
Stddev	.2256	8.	2.63	130.
%RSD	160.8	.3650	11.67	.9285
#1	.2647	2211.	24.60	14090.
#2	.2765	2195.	19.57	13920.
#3	-.1201	2206.	23.40	13840.
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	**3611.8**	**33362.**	**3599.9**
Stddev	20.0	320.	24.7
%RSD	.55235	.95771	.68571
#1	3593.8	33107.	3573.2
#2	3608.3	33720.	3621.9
#3	3633.3	33258.	3604.5

Sample Name: 460-44697-b-1-b Acquired: 9/21/2012 0:53:35 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32.93**	**1.644**	**-.4080**	**.1357**	**-.0912**	**120.7**
Stddev	3.05	.901	.6240	.0769	.0629	20.0
%RSD	9.249	54.78	152.9	56.68	68.90	16.54
#1	30.02	2.684	-.8700	.0624	-.1129	138.4
#2	32.68	1.146	.3019	.1289	-.0204	124.6
#3	36.10	1.103	-.6559	.2158	-.1404	99.06
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	**.1488**	**.0350**	**-.0363**	**7.086**	**9.814**	**19.95**
Stddev	.1346	.3492	.5264	3.934	3.370	37.45
%RSD	90.44	997.8	1452.	55.51	34.34	187.8
#1	.2227	-.2930	.3166	10.34	7.837	-20.77
#2	.2302	-.0041	-.6413	2.713	7.900	27.68
#3	-.0065	.4021	.2159	8.211	13.71	52.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-1-b Acquired: 9/21/2012 0:53:35 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6.775**	**.9532**	**224.5**	**.2166**	**.2957**	**1.077**
Stddev	2.339	.4081	38.4	.3482	1.052	.959
%RSD	34.53	42.82	17.08	160.7	355.7	88.98
#1	9.192	1.415	267.9	.1674	.3667	-.0291
#2	6.612	.8057	210.3	-.1044	-.7899	1.657
#3	4.522	.6393	195.3	.5868	1.310	1.604
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	**-.1326**	**2.280**	**.0817**	**8.199**	**37.19**	**-.2166**
Stddev	2.867	.774	.6012	.174	1.29	.4538
%RSD	2162.	33.94	735.6	2.120	3.474	209.5
#1	-3.063	2.440	-.5496	8.194	37.97	-.3723
#2	2.668	2.962	.6475	8.375	37.90	-.5721
#3	-.0029	1.439	.1473	8.028	35.70	.2945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-1-b Acquired: 9/21/2012 0:53:35 Type: Unk
Method: SW846_091912(v3) 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	**-.6361**	**.9287**	**.3091**	**36.71**
Stddev	.6623	.0413	1.163	14.85
%RSD	104.1	4.450	376.4	40.44
#1	-.6169	.9699	1.650	48.13
#2	.0165	.9292	-.2852	42.08
#3	-1.308	.8872	-.4372	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	**4009.4**	**38566.**	**3732.0**
Stddev	11.1	155.	11.7
%RSD	.27683	.40279	.31433
#1	3996.9	38407.	3742.6
#2	4013.5	38717.	3719.4
#3	4017.9	38573.	3733.8

Sample Name: 460-44697-b-2-a Acquired: 9/21/2012 0:57:49 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**104.3**	**13.14**	**-.1057**	**259.6**	**-.1019**	**136800.**
Stddev	11.8	1.97	.2301	2.5	.1758	594.
%RSD	11.29	14.98	217.8	.9472	172.5	.4340
#1	113.9	15.39	-.3683	258.2	.0233	136400.
#2	107.9	11.73	.0605	258.2	-.0262	136600.
#3	91.16	12.29	-.0091	262.4	-.3029	137500.
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	**-.1564**	**-.2582**	**.6407**	**10.26**	**41660.**	**21630.**
Stddev	.0863	.2476	.2999	3.09	543.	385.
%RSD	55.17	95.90	46.82	30.10	1.302	1.779
#1	-.0569	-.4838	.6060	13.67	41620.	21220.
#2	-.2105	-.2974	.9564	7.655	41140.	21710.
#3	-.2018	.0067	.3596	9.453	42220.	21980.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-2-a Acquired: 9/21/2012 0:57:49 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11200.**	**831.0**	F **453500.**	**.2573**	**.2353**	**2.847**
Stddev	148.	10.3	5816.	.4890	1.383	2.291
%RSD	1.324	1.242	1.282	190.0	587.9	80.48
#1	11200.	830.3	447100.	.8132	-.9193	5.242
#2	11050.	821.0	455200.	.0651	-.1431	.6757
#3	11350.	841.6	458400.	-.1064	1.768	2.623
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	**-.1520**	**2.821**	**3.480**	**31.94**	**149.8**	**.9482**
Stddev	4.174	1.827	.222	.41	1.3	.5031
%RSD	2745.	64.78	6.386	1.286	.8894	53.05
#1	-.9610	1.560	3.386	31.53	148.5	.9817
#2	-3.862	4.916	3.734	31.94	149.8	.4292
#3	4.367	1.986	3.320	32.35	151.2	1.434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-2-a Acquired: 9/21/2012 0:57:49 Type: Unk
Method: SW846_091912(v3) 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	**.0516**	**1089.**	**6.200**	**7879.**
Stddev	.2603	12.	.395	29.
%RSD	504.9	1.125	6.370	.3715
#1	.0902	1078.	6.016	7849.
#2	.2904	1087.	5.932	7880.
#3	-.2259	1102.	6.654	7908.
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	**3666.0**	**33794.**	**3634.8**
Stddev	25.0	328.	31.0
%RSD	.68310	.97003	.85355
#1	3683.2	33865.	3664.9
#2	3677.4	34081.	3636.5
#3	3637.2	33437.	3603.0

Sample Name: 460-44697-b-3-a Acquired: 9/21/2012 1:02:04 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27.04**	**1.159**	**.2144**	**193.0**	**-.1912**	**58520.**
Stddev	7.73	1.973	.0604	.6	.0557	112.
%RSD	28.58	170.2	28.15	.3292	29.12	.1920
#1	18.53	-.8046	.2553	193.6	-.1939	58610.
#2	33.63	1.142	.1451	192.3	-.2456	58400.
#3	28.95	3.140	.2429	193.0	-.1343	58560.
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	**.4385**	**.6767**	**.4420**	**15.55**	**1654.**	**12850.**
Stddev	.0394	.2415	.3244	2.60	12.	153.
%RSD	8.986	35.69	73.38	16.72	.7347	1.188
#1	.4301	.7896	.1029	12.88	1665.	12890.
#2	.4815	.8410	.7493	18.07	1641.	12980.
#3	.4040	.3994	.4739	15.70	1656.	12680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-3-a Acquired: 9/21/2012 1:02:04 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**27000.**	**8605.**	**98470.**	**1.966**	**1.644**	**1.624**
Stddev	36.	96.	1220.	.449	1.371	.566
%RSD	.1340	1.115	1.239	22.82	83.40	34.87
#1	27030.	8647.	99180.	2.158	.6185	1.161
#2	26960.	8495.	99160.	2.286	1.113	2.255
#3	27010.	8672.	97060.	1.453	3.202	1.455
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	**.5322**	**-10.08**	**.9701**	**6.200**	**176.3**	**3.661**
Stddev	3.622	2.52	.5883	.019	1.1	.637
%RSD	680.7	24.94	60.64	.3102	.6216	17.40
#1	4.098	-10.22	1.141	6.196	176.9	3.066
#2	-3.144	-12.52	.3153	6.221	175.1	4.333
#3	.6419	-7.500	1.454	6.183	177.0	3.585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-3-a Acquired: 9/21/2012 1:02:04 Type: Unk
Method: SW846_091912(v3) 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	**-.1122**	**351.5**	**4.893**	**4594.**
Stddev	.2672	4.3	.702	41.
%RSD	238.2	1.216	14.34	.8932
#1	-.4183	354.1	4.382	4637.
#2	.0740	353.9	4.605	4555.
#3	.0078	346.6	5.693	4590.
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	**3830.9**	**35527.**	**3641.9**
Stddev	1.8	116.	29.8
%RSD	.04742	.32663	.81695
#1	3829.0	35612.	3645.8
#2	3832.6	35394.	3610.3
#3	3831.0	35573.	3669.4

Sample Name: 460-44697-b-4-a Acquired: 9/21/2012 1:06:21 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17.78**	**.1892**	**.1325**	**168.4**	**-.1571**	**56630.**
Stddev	11.27	3.269	.3718	1.7	.0886	198.
%RSD	63.40	1727.	280.7	.9814	56.41	.3487
#1	22.01	3.929	-.0511	169.6	-.1809	56430.
#2	5.005	-1.237	-.1118	166.5	-.2313	56830.
#3	26.32	-2.125	.5603	169.1	-.0590	56640.
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	**.4280**	**.5901**	**.0430**	**15.03**	**217.3**	**12350.**
Stddev	.1098	.1904	.1359	1.96	7.6	175.
%RSD	25.66	32.25	316.3	13.02	3.482	1.416
#1	.4932	.6240	-.0715	13.45	220.2	12550.
#2	.3012	.7613	.1932	14.41	208.7	12290.
#3	.4895	.3851	.0073	17.22	223.0	12220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-4-a Acquired: 9/21/2012 1:06:21 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**28660.**	**7644.**	**109300.**	**2.392**	**.5771**	**.5205**
Stddev	168.	25.	1623.	.913	1.362	3.089
%RSD	.5847	.3255	1.486	38.18	236.1	593.4
#1	28660.	7672.	111100.	1.457	-.8837	-2.536
#2	28490.	7624.	108300.	3.282	1.813	3.641
#3	28820.	7637.	108400.	2.436	.8018	.4565
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	**3.103**	**-9.751**	**1.331**	**6.455**	**184.2**	**3.326**
Stddev	1.194	.987	.705	.027	1.9	.438
%RSD	38.47	10.12	52.97	.4157	1.033	13.17
#1	3.671	-9.193	.5325	6.484	185.9	3.555
#2	1.731	-10.89	1.867	6.432	182.2	3.603
#3	3.908	-9.170	1.593	6.449	184.7	2.821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-4-a Acquired: 9/21/2012 1:06:21 Type: Unk
Method: SW846_091912(v3) 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	**-.6502**	**337.3**	**5.060**	**4175.**
Stddev	.5143	5.5	2.944	68.
%RSD	79.10	1.639	58.19	1.628
#1	-.1738	343.7	3.849	4215.
#2	-1.195	334.0	2.914	4096.
#3	-.5813	334.3	8.416	4212.
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	**3787.1**	**35628.**	**3622.9**
Stddev	18.5	162.	40.3
%RSD	.48842	.45514	1.1112
#1	3789.9	35745.	3584.6
#2	3804.1	35697.	3619.3
#3	3767.4	35443.	3664.8

Sample Name: 460-44697-b-6-a Acquired: 9/21/2012 1:14:46 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.50**	**32.33**	**-.5888**	**46.14**	**-.1216**	**116500.**
Stddev	15.08	1.73	.8457	.24	.1340	1189.
%RSD	31.09	5.342	143.6	.5146	110.2	1.021
#1	43.77	34.30	.0038	46.09	.0121	117300.
#2	36.36	31.11	-.2129	45.93	-.1211	115200.
#3	65.38	31.58	-1.557	46.39	-.2559	117100.
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	**.0860**	**-.3897**	**1.964**	**6.390**	**69590.**	**5561.**
Stddev	.1079	.2585	.035	.968	524.	59.
%RSD	125.4	66.33	1.806	15.14	.7527	1.058
#1	.1599	-.0958	1.988	6.500	69330.	5549.
#2	-.0378	-.5820	1.981	5.372	70200.	5509.
#3	.1360	-.4913	1.923	7.297	69260.	5625.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-6-a Acquired: 9/21/2012 1:14:46 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**8936.**	**1047.**	**13280.**	**-.6105**	**-1.309**	**1.777**
Stddev	68.	8.	36.	.5660	.538	1.852
%RSD	.7573	.7889	.2676	92.71	41.13	104.3
#1	8890.	1042.	13310.	-.2676	-1.784	1.439
#2	9014.	1057.	13240.	-1.264	-1.419	3.775
#3	8904.	1043.	13290.	-.3001	-.7239	.1169
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	**-.0069**	**-.7693**	**.9168**	**5.751**	**115.7**	**.1903**
Stddev	2.884	1.348	.7386	.026	1.0	.1931
%RSD	41580.	175.3	80.57	.4536	.8627	101.4
#1	2.661	.5121	1.014	5.753	114.6	.4127
#2	-3.067	-.6440	.1342	5.776	116.0	.0934
#3	.3850	-2.176	1.602	5.724	116.5	.0649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-6-a Acquired: 9/21/2012 1:14:46 Type: Unk
Method: SW846_091912(v3) 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	**1.274**	**615.6**	**1.758**	**11830.**
Stddev	.577	3.4	.893	170.
%RSD	45.28	.5453	50.83	1.434
#1	1.232	612.7	2.783	11840.
#2	.7188	614.7	1.343	11650.
#3	1.870	619.3	1.146	11990.
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	**3868.0**	**36313.**	**3694.1**
Stddev	16.9	200.	16.7
%RSD	.43585	.55028	.45195
#1	3869.5	36484.	3701.8
#2	3884.0	36093.	3674.9
#3	3850.4	36361.	3705.5

Sample Name: 460-44697-b-7-a Acquired: 9/21/2012 1:18:55 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47.06**	**.1417**	**-.8047**	**114.0**	**-.0766**	**40360.**
Stddev	13.35	1.546	.2841	.5	.0777	384.
%RSD	28.36	1091.	35.30	.3951	101.5	.9508
#1	53.33	.8068	-1.126	114.1	.0130	39990.
#2	31.74	1.244	-.5879	114.4	-.1258	40760.
#3	56.12	-1.626	-.6998	113.5	-.1170	40320.
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	**.4543**	**.2276**	**-.1348**	**11.97**	**203.6**	**7015.**
Stddev	.1081	.3851	.1879	2.55	10.8	102.
%RSD	23.80	169.2	139.4	21.32	5.324	1.458
#1	.5325	.6165	-.2994	14.65	204.1	6908.
#2	.4995	.2199	.0700	9.570	192.5	7025.
#3	.3309	-.1537	-.1750	11.69	214.1	7111.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-7-a Acquired: 9/21/2012 1:18:55 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**15100.**	**1581.**	**61480.**	**2.141**	**.9164**	**2.233**
Stddev	26.	1.	556.	.528	.5300	1.579
%RSD	.1706	.0904	.9048	24.65	57.83	70.72
#1	15100.	1583.	61470.	1.737	.9980	.6262
#2	15070.	1581.	60930.	2.738	.3504	3.783
#3	15120.	1580.	62040.	1.948	1.401	2.290
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	**.9144**	**.1638**	**.7791**	**5.385**	**121.1**	**.6997**
Stddev	2.756	.6988	.0550	.064	1.0	.3896
%RSD	301.4	426.7	7.063	1.190	.8281	55.69
#1	4.041	.8436	.7918	5.321	120.3	.2510
#2	-.1362	.2005	.8267	5.384	122.2	.8956
#3	-1.162	-.5526	.7188	5.449	120.7	.9524
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-7-a Acquired: 9/21/2012 1:18:55 Type: Unk
Method: SW846_091912(v3) 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	**-.3563**	**227.4**	**1.746**	**4825.**
Stddev	.6678	1.6	1.068	77.
%RSD	187.4	.7188	61.19	1.591
#1	.0679	227.8	1.760	4872.
#2	-1.126	225.5	.6709	4867.
#3	-.0107	228.7	2.807	4737.
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	**3816.1**	**36114.**	**3658.8**
Stddev	18.6	217.	65.1
%RSD	.48656	.60158	1.7782
#1	3831.1	36172.	3698.6
#2	3795.3	36297.	3694.1
#3	3821.8	35874.	3583.7

Sample Name: 460-44697-b-8-a460 Acquired: 9/21/2012 1:23:02 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44.77**	**1.570**	**-.3422**	**159.6**	**-.0180**	**54170.**
Stddev	6.27	1.431	.8407	.5	.2135	306.
%RSD	14.01	91.14	245.7	.2958	1186.	.5653
#1	50.63	.6812	.6213	159.6	.0736	54510.
#2	38.16	3.221	-.9268	159.1	.1344	53930.
#3	45.51	.8085	-.7211	160.0	-.2620	54060.
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	**.4068**	**.4812**	**.1868**	**6.525**	**270.5**	**10730.**
Stddev	.0993	.4156	.4355	5.782	20.4	15.
%RSD	24.42	86.38	233.1	88.61	7.559	.1433
#1	.2954	.2074	.3692	10.53	256.7	10740.
#2	.4863	.9595	-.3102	9.152	294.0	10710.
#3	.4385	.2767	.5015	-.1043	260.8	10720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-8-a460 Acquired: 9/21/2012 1:23:02 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19910.**	**2442.**	**87330.**	**1.401**	**.3866**	**2.802**
Stddev	177.	26.	346.	.369	.2261	.841
%RSD	.8900	1.072	.3956	26.35	58.48	29.99
#1	19710.	2412.	87460.	1.224	.6085	1.973
#2	19970.	2452.	87600.	1.153	.1565	3.654
#3	20050.	2461.	86940.	1.825	.3947	2.781
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	**-1.209**	**.1906**	**.5114**	**3.390**	**151.6**	**1.304**
Stddev	1.942	.1813	.4451	.041	1.4	.244
%RSD	160.7	95.11	87.03	1.201	.9414	18.72
#1	.4487	.0194	.2512	3.420	152.9	1.339
#2	-.7292	.3805	.2577	3.344	151.9	1.529
#3	-3.346	.1718	1.025	3.405	150.1	1.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-8-a460 Acquired: 9/21/2012 1:23:02 Type: Unk
Method: SW846_091912(v3) 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	**-.2063**	**299.8**	**4.302**	**5249.**
Stddev	.3073	1.5	1.300	80.
%RSD	148.9	.5011	30.21	1.519
#1	-.4740	298.8	2.909	5286.
#2	.1293	301.6	5.482	5158.
#3	-.2742	299.1	4.516	5303.
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	**3805.3**	**35813.**	**3666.5**
Stddev	7.8	202.	39.3
%RSD	.20622	.56507	1.0709
#1	3796.5	36041.	3649.8
#2	3807.6	35744.	3638.3
#3	3811.7	35655.	3711.3

Sample Name: CCV Acquired: 9/21/2012 1:27:10 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**129100.**	**2561.**	**1259.**	**10300.**	**1005.**	F **103800.**
Stddev	3680.	16.	13.	78.	26.	1306.
%RSD	2.849	.6053	1.026	.7604	2.561	1.258
#1	125100.	2543.	1262.	10210.	977.1	103300.
#2	129900.	2569.	1245.	10340.	1011.	102800.
#3	132400.	2571.	1270.	10350.	1028.	105300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						125000.
Range						-10.50%

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	**1291.**	**2578.**	**5039.**	**12710.**	**100800.**	**54350.**
Stddev	8.	16.	62.	332.	1154.	1512.
%RSD	.6568	.6327	1.239	2.615	1.144	2.781
#1	1282.	2559.	5058.	12340.	101100.	52700.
#2	1296.	2586.	4969.	12780.	99560.	54690.
#3	1297.	2589.	5090.	12990.	101800.	55670.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 1:27:10 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**126600.**	**5124.**	F **138200.**	**2609.**	**7867.**	**1033.**
Stddev	1504.	57.	3855.	19.	55.	7.
%RSD	1.188	1.106	2.789	.7223	.7047	.6452
#1	127000.	5140.	134000.	2587.	7804.	1027.
#2	125000.	5061.	139100.	2617.	7894.	1040.
#3	127900.	5171.	141500.	2622.	7905.	1032.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value			125000.			
Range			10.50%			

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	**2548.**	**2618.**	**2521.**	**2559.**	**1019.**	**2585.**
Stddev	17.	23.	27.	20.	7.	19.
%RSD	.6816	.8629	1.065	.7719	.6458	.7365
#1	2528.	2593.	2527.	2537.	1011.	2563.
#2	2556.	2636.	2492.	2568.	1022.	2596.
#3	2560.	2626.	2545.	2574.	1024.	2596.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 1:27:10 Type: QC
Method: SW846_091912(v3) 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	**1038.**	**5351.**	**10310.**	**9137.**
Stddev	7.	147.	286.	187.
%RSD	.6450	2.738	2.777	2.041
#1	1030.	5192.	9997.	8922.
#2	1041.	5382.	10380.	9247.
#3	1042.	5480.	10560.	9243.
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	**3602.7**	**34219.**	**3520.6**
Stddev	18.8	381.	40.1
%RSD	.52175	1.1128	1.1404
#1	3624.1	34197.	3563.2
#2	3595.5	34611.	3515.0
#3	3588.6	33850.	3483.5

Sample Name: CCB Acquired: 9/21/2012 1:31:01 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-17.16**	**1.157**	**-.2433**	**-.0342**	**-.0459**	**8.459**
Stddev	10.54	1.151	.3414	.2018	.1008	8.080
%RSD	61.44	99.47	140.3	589.5	219.4	95.53
#1	-11.82	1.342	-.5186	-.1887	-.1459	13.58
#2	-29.31	-.0751	.1387	.1941	.0556	12.65
#3	-10.35	2.204	-.3500	-.1081	-.0475	-.8562
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	**.0707**	**.1469**	**.7672**	**4.871**	**17.89**	**81.55**
Stddev	.0533	.2516	.2600	.956	13.37	88.98
%RSD	75.37	171.3	33.89	19.63	74.74	109.1
#1	.0106	-.0383	.9613	5.972	4.428	164.5
#2	.0891	.4333	.8684	4.254	31.17	-12.40
#3	.1122	.0457	.4718	4.386	18.08	92.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 1:31:01 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4.866**	**.2047**	**153.2**	**.2336**	**-.2827**	**2.644**
Stddev	1.841	.1007	32.2	.4625	.2467	1.481
%RSD	37.83	49.22	21.05	198.0	87.28	56.01
#1	6.705	.3141	185.8	.1683	-.0058	1.644
#2	4.871	.1841	152.3	-.1928	-.3632	4.346
#3	3.024	.1158	121.4	.7252	-.4792	1.943
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	**2.067**	**-.9705**	**.1442**	**.0256**	**2.100**	**.8694**
Stddev	2.309	3.264	.1813	.1537	.184	.5071
%RSD	111.7	336.3	125.7	599.8	8.773	58.33
#1	1.955	2.505	-.0393	-.0190	2.000	1.400
#2	4.430	-3.970	.3231	.1967	2.313	.8177
#3	-.1845	-1.447	.1488	-.1008	1.988	.3901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 1:31:01 Type: QC
Method: SW846_091912(v3) 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	**-.2148**	**.1311**	**.4204**	**1.005**
Stddev	.2418	.1929	.6982	9.411
%RSD	112.6	147.1	166.1	936.1
#1	-.1643	.2735	-.3834	.9102
#2	-.4778	.2081	.8759	10.46
#3	-.0022	-.0884	.7688	-8.357
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	**3906.6**	**37472.**	**3584.0**
Stddev	13.8	265.	26.2
%RSD	.35384	.70613	.73205
#1	3918.9	37321.	3610.0
#2	3909.4	37317.	3584.4
#3	3891.6	37777.	3557.6

Sample Name: 460-44697-b-9-a Acquired: 9/21/2012 1:35:15 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47.23**	**2.463**	**.7384**	**142.1**	**-.1795**	**108900.**
Stddev	20.50	1.818	.6765	.7	.0839	309.
%RSD	43.40	73.80	91.61	.5131	46.74	.2843
#1	29.39	3.234	.4980	141.3	-.2274	109200.
#2	69.62	3.768	1.502	142.2	-.0826	108600.
#3	42.68	.3868	.2150	142.8	-.2285	108800.
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	**1.450**	**1.952**	**.3275**	**9.917**	**3207.**	**5437.**
Stddev	.015	.429	.5471	2.488	43.	59.
%RSD	1.037	21.99	167.0	25.09	1.353	1.085
#1	1.447	1.547	.6010	12.79	3179.	5467.
#2	1.466	2.402	.6840	8.340	3257.	5475.
#3	1.436	1.908	-.3024	8.626	3184.	5369.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-9-a Acquired: 9/21/2012 1:35:15 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**7930.**	**34540.**	**4.120**	**.7162**	**-.6333**
Stddev	232.	48.	147.	.493	1.283	1.531
%RSD	1.071	.6114	.4266	11.97	179.1	241.7
#1	21530.	7874.	34530.	3.701	-.2353	-2.342
#2	21890.	7951.	34700.	4.663	.2089	.6112
#3	21460.	7964.	34400.	3.994	2.175	-.1688
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	**.3186**	**-8.372**	**1.080**	**132.4**	**117.1**	**7.700**
Stddev	1.827	1.550	.269	.7	.2	.272
%RSD	573.4	18.51	24.93	.5627	.2071	3.528
#1	1.378	-9.835	1.124	132.0	116.8	7.411
#2	-1.791	-8.533	1.325	132.0	117.3	7.741
#3	1.368	-6.748	.7919	133.3	117.1	7.950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44697-b-9-a Acquired: 9/21/2012 1:35:15 Type: Unk
Method: SW846_091912(v3) 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	**-.3108**	**608.8**	**7.361**	**7522.**
Stddev	.3170	2.2	2.692	103.
%RSD	102.0	.3583	36.58	1.367
#1	.0545	607.7	7.911	7408.
#2	-.5125	611.3	4.437	7606.
#3	-.4746	607.4	9.737	7553.
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	**3820.9**	**35968.**	**3635.1**
Stddev	7.3	215.	20.1
%RSD	.19235	.59849	.55243
#1	3828.0	36106.	3613.1
#2	3821.3	35720.	3639.9
#3	3813.3	36078.	3652.4

Sample Name: 460-44640-a-1-a Acquired: 9/21/2012 1:39:30 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26730.**	**91.75**	**1.789**	**1660.**	**3.385**	**41270.**
Stddev	176.	.83	.377	12.	.096	261.
%RSD	.6578	.9052	21.09	.7309	2.827	.6331
#1	26830.	92.18	1.424	1646.	3.482	41210.
#2	26530.	92.28	1.765	1667.	3.384	41040.
#3	26830.	90.79	2.178	1667.	3.290	41560.
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	**5.634**	**8.698**	**34.72**	**191.5**	**7224.**	**4008.**
Stddev	.167	.486	.44	2.1	52.	79.
%RSD	2.962	5.591	1.260	1.082	.7164	1.965
#1	5.442	8.137	34.45	191.5	7180.	4029.
#2	5.747	8.972	35.22	189.4	7212.	3921.
#3	5.712	8.986	34.48	193.5	7281.	4074.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44640-a-1-a Acquired: 9/21/2012 1:39:30 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19870.**	**835.7**	**65380.**	**77.37**	F **58350.**	**155.0**
Stddev	90.	4.3	325.	1.09	396.	.4
%RSD	.4544	.5166	.4976	1.407	.6789	.2727
#1	19820.	832.9	65610.	76.25	57890.	154.5
#2	19810.	833.6	65010.	77.46	58520.	155.4
#3	19970.	840.7	65530.	78.42	58620.	155.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

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	**1.402**	**.6970**	**46.28**	**859.5**	**124.2**	**2.576**
Stddev	1.001	2.700	.14	7.0	.9	.209
%RSD	71.40	387.4	.2933	.8150	.6940	8.114
#1	1.977	-1.743	46.13	851.4	123.3	2.352
#2	1.981	.2353	46.30	863.1	125.0	2.610
#3	.2461	3.598	46.40	864.0	124.4	2.766
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44640-a-1-a Acquired: 9/21/2012 1:39:30 Type: Unk
Method: SW846_091912(v3) 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	**23.85**	**288.0**	**85.05**	**14280.**
Stddev	.36	1.4	3.25	48.
%RSD	1.498	.4774	3.816	.3353
#1	23.64	287.7	87.28	14230.
#2	24.26	286.8	81.33	14280.
#3	23.64	289.5	86.54	14320.
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	**3942.0**	**36887.**	**3689.1**
Stddev	21.9	354.	7.3
%RSD	.55606	.95923	.19887
#1	3967.3	37047.	3682.6
#2	3930.4	37132.	3697.0
#3	3928.5	36481.	3687.7

Sample Name: 460-44641-a-1-a Acquired: 9/21/2012 1:43:34 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2385.**	**1.057**	**-.6422**	**63.00**	**-.1883**	**18240.**
Stddev	14.	1.906	.4785	.78	.1364	191.
%RSD	.5989	180.3	74.50	1.246	72.42	1.044
#1	2393.	3.235	-.1405	63.73	-.1952	18460.
#2	2369.	-.3112	-.6928	62.17	-.0486	18140.
#3	2394.	.2487	-1.093	63.09	-.3211	18130.
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	**.1752**	**.2601**	**1.815**	**7.070**	**72.63**	**3411.**
Stddev	.1606	.1778	.142	1.295	16.38	26.
%RSD	91.67	68.37	7.807	18.32	22.55	.7485
#1	.2155	.4207	1.931	6.050	77.09	3382.
#2	-.0017	.2908	1.856	8.527	54.48	3426.
#3	.3118	.0689	1.657	6.633	86.31	3426.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44641-a-1-a Acquired: 9/21/2012 1:43:34 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**8488.**	**109.0**	**52410.**	**4.327**	**76.05**	**6.283**
Stddev	123.	1.6	324.	.175	1.19	1.195
%RSD	1.454	1.427	.6172	4.034	1.558	19.02
#1	8417.	107.9	52370.	4.375	75.74	5.016
#2	8416.	108.3	52120.	4.133	75.04	6.444
#3	8630.	110.8	52760.	4.472	77.35	7.389
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	**-.2228**	**4.303**	**2.967**	**7.458**	**108.2**	**2.162**
Stddev	1.242	.968	.067	.111	1.2	.323
%RSD	557.7	22.51	2.271	1.493	1.094	14.94
#1	-1.047	4.773	2.974	7.529	109.0	1.890
#2	1.206	3.189	2.897	7.330	106.8	2.078
#3	-.8277	4.947	3.031	7.516	108.8	2.519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44641-a-1-a Acquired: 9/21/2012 1:43:34 Type: Unk
Method: SW846_091912(v3) 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	**-.2120**	**141.2**	**1.108**	**891.7**
Stddev	.4980	.8	2.300	2.5
%RSD	234.9	.5478	207.7	.2784
#1	-.6632	140.9	2.383	891.0
#2	.3223	140.7	2.488	889.6
#3	-.2950	142.1	-1.548	894.4
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	**3889.7**	**36858.**	**3635.9**
Stddev	31.8	581.	38.2
%RSD	.81697	1.5771	1.0510
#1	3873.2	37342.	3644.4
#2	3926.3	37019.	3669.1
#3	3869.5	36213.	3594.1

Sample Name: 460-44628-a-18-b@4 Acquired: 9/21/2012 1:47:43 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25420.**	**44.00**	**-1.497**	**138.8**	**1.135**	**1445.**
Stddev	38.	1.08	.305	.0	.088	9.
%RSD	.1476	2.453	20.35	.0276	7.738	.6005
#1	25410.	45.11	-1.408	138.8	1.227	1436.
#2	25390.	42.95	-1.247	138.8	1.127	1454.
#3	25460.	43.95	-1.837	138.8	1.052	1445.
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	**.0177**	**16.15**	**31.80**	**56.78**	**39600.**	**1714.**
Stddev	.0890	.66	.41	1.60	276.	34.
%RSD	503.9	4.091	1.291	2.816	.6957	1.996
#1	.0843	16.55	32.06	55.35	39400.	1739.
#2	.0520	16.51	31.32	56.48	39480.	1726.
#3	-.0834	15.39	32.01	58.51	39910.	1675.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-18-b@4 Acquired: 9/21/2012 1:47:43 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4562.**	**295.6**	**349.1**	**43.26**	**24.23**	**2.194**
Stddev	37.	1.8	16.0	.74	.75	1.831
%RSD	.8122	.6129	4.572	1.703	3.094	83.45
#1	4530.	294.3	367.5	42.42	25.05	3.276
#2	4553.	294.8	339.0	43.80	24.03	3.225
#3	4603.	297.7	340.8	43.57	23.59	.0800
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	**2.112**	**2.496**	**48.42**	**194.3**	**10.10**	**3.049**
Stddev	4.470	1.848	.37	.1	.29	.290
%RSD	211.6	74.04	.7723	.0754	2.892	9.501
#1	6.718	3.361	48.84	194.1	9.985	2.727
#2	-2.209	.3740	48.12	194.4	10.43	3.288
#3	1.828	3.752	48.31	194.4	9.882	3.134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-18-b@4 Acquired: 9/21/2012 1:47:43 Type: Unk
Method: SW846_091912(v3) 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	**2.403**	**55.03**	**671.6**	**1163.**
Stddev	.530	.28	1.1	3.
%RSD	22.04	.5008	.1587	.2609
#1	2.137	55.30	672.3	1167.
#2	2.060	54.75	670.4	1162.
#3	3.014	55.04	672.1	1161.
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	**3978.2**	**37946.**	**3656.6**
Stddev	20.4	365.	42.9
%RSD	.51290	.96230	1.1731
#1	3955.3	38192.	3607.1
#2	3985.0	38120.	3679.8
#3	3994.3	37527.	3682.9

Sample Name: 460-44628-a-19-b@10 Acquired: 9/21/2012 1:51:51 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5848.**	**244.1**	**-1.967**	**1190.**	**.5225**	**5335.**
Stddev	88.	2.6	.667	4.	.1720	89.
%RSD	1.507	1.060	33.91	.3082	32.92	1.672
#1	5751.	241.4	-2.719	1186.	.6035	5232.
#2	5868.	244.3	-1.449	1190.	.3249	5376.
#3	5924.	246.5	-1.731	1194.	.6390	5395.
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	**5.214**	**42.77**	**785.8**	**2224.**	F **466100.**	**410.8**
Stddev	.189	.39	6.7	32.	2966.	68.7
%RSD	3.621	.9011	.8520	1.429	.6364	16.72
#1	5.056	42.60	790.9	2188.	469000.	489.8
#2	5.163	42.50	788.2	2235.	466100.	376.4
#3	5.423	43.21	778.2	2249.	463100.	366.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-44628-a-19-b@10 Acquired: 9/21/2012 1:51:51 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2720.**	**4190.**	**448.2**	**244.5**	**534.9**	**18.98**
Stddev	12.	27.	17.7	.6	1.8	2.74
%RSD	.4379	.6518	3.955	.2583	.3346	14.41
#1	2731.	4217.	436.7	244.0	532.9	21.42
#2	2723.	4191.	468.7	245.2	536.3	19.50
#3	2707.	4162.	439.3	244.4	535.5	16.03
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	F **-11.19**	**2.297**	**419.1**	**2253.**	**145.3**	**632.9**
Stddev	1.89	2.290	2.4	8.	1.5	3.2
%RSD	16.91	99.69	.5634	.3356	1.061	.5130
#1	-9.133	3.361	420.5	2245.	143.6	629.8
#2	-11.59	3.862	420.4	2253.	146.4	632.7
#3	-12.86	-.3314	416.4	2260.	146.1	636.3
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	5000.					
Low Limit	-10.00					

Sample Name: 460-44628-a-19-b@10 Acquired: 9/21/2012 1:51:51 Type: Unk
Method: SW846_091912(v3) 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	**96.03**	**117.7**	**741.3**	**508.2**
Stddev	.12	1.9	11.8	6.9
%RSD	.1277	1.591	1.595	1.351
#1	95.95	115.6	728.4	501.7
#2	95.97	118.2	743.9	507.5
#3	96.17	119.3	751.7	515.3
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	**3863.8**	**36734.**	**3647.9**
Stddev	3.9	61.	21.7
%RSD	.10119	.16521	.59425
#1	3867.7	36682.	3663.4
#2	3859.9	36720.	3657.1
#3	3863.8	36801.	3623.1

Sample Name: 460-44628-a-20-e@10 Acquired: 9/21/2012 1:55:52 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9090.**	**155.6**	**-.7175**	**807.6**	**1.028**	**12710.**
Stddev	185.	4.1	.6424	17.3	.050	289.
%RSD	2.038	2.616	89.53	2.139	4.820	2.271
#1	8939.	151.8	-.4430	789.2	1.078	12390.
#2	9034.	155.2	-.2580	810.0	1.028	12770.
#3	9296.	159.9	-1.452	823.5	.9787	12960.
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	**3.235**	**26.56**	**568.7**	**1432.**	F **338200.**	**754.0**
Stddev	.092	.46	8.9	26.	4994.	18.2
%RSD	2.845	1.733	1.559	1.790	1.477	2.417
#1	3.324	26.04	560.2	1408.	333300.	756.4
#2	3.241	26.89	568.0	1428.	338000.	734.7
#3	3.141	26.76	577.9	1459.	343200.	770.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-44628-a-20-e@10 Acquired: 9/21/2012 1:55:52 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1698.**	**2121.**	**100.2**	**179.6**	**1456.**	**16.80**
Stddev	26.	33.	.7	4.7	29.	.95
%RSD	1.529	1.544	.6496	2.634	1.969	5.659
#1	1673.	2089.	100.8	174.8	1425.	16.47
#2	1696.	2120.	100.3	179.7	1460.	16.05
#3	1725.	2154.	99.52	184.3	1482.	17.87
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	**-5.411**	**1.516**	**287.6**	**1896.**	**.3787**	**456.6**
Stddev	1.756	1.994	4.6	42.	.0613	9.1
%RSD	32.46	131.5	1.604	2.229	16.18	1.986
#1	-5.967	.6935	283.3	1851.	.4099	447.2
#2	-3.444	.0645	287.0	1900.	.3081	457.3
#3	-6.822	3.789	292.5	1936.	.4180	465.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-a-20-e@10 Acquired: 9/21/2012 1:55:52 Type: Unk
Method: SW846_091912(v3) 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	**157.0**	**150.4**	**474.2**	**545.7**
Stddev	3.4	2.8	10.9	28.7
%RSD	2.164	1.830	2.302	5.253
#1	153.1	147.9	467.0	518.6
#2	159.1	150.1	468.8	542.8
#3	158.8	153.3	486.7	575.7
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	**3862.2**	**36823.**	**3633.5**
Stddev	24.0	268.	9.3
%RSD	.62122	.72680	.25659
#1	3888.3	36514.	3630.7
#2	3857.3	36976.	3626.0
#3	3841.0	36980.	3643.9

Sample Name: 460-44751-a-1-d@4 Acquired: 9/21/2012 1:59:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52610.**	**13.12**	**-.9709**	**346.5**	**2.522**	**7144.**
Stddev	609.	1.55	.3934	2.8	.049	50.
%RSD	1.157	11.84	40.52	.8143	1.929	.7041
#1	51910.	11.64	-.9085	343.3	2.482	7092.
#2	52890.	12.98	-1.392	348.5	2.509	7146.
#3	53030.	14.73	-.6124	347.8	2.576	7192.
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	**-.0201**	**35.36**	**70.80**	**81.39**	**85210.**	**6240.**
Stddev	.0818	.38	.84	5.54	645.	42.
%RSD	406.2	1.072	1.190	6.808	.7565	.6723
#1	.0648	34.97	71.68	87.62	85800.	6213.
#2	-.0983	35.73	70.00	77.03	85300.	6288.
#3	-.0269	35.37	70.73	79.51	84520.	6219.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44751-a-1-d@4 Acquired: 9/21/2012 1:59:54 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**18530.**	**905.9**	**592.7**	**74.12**	**51.50**	**3.745**
Stddev	160.	6.3	12.2	.69	.51	1.299
%RSD	.8640	.6982	2.050	.9371	.9815	34.69
#1	18700.	912.0	579.9	73.58	51.08	2.270
#2	18510.	906.2	593.9	73.87	52.06	4.718
#3	18380.	899.4	604.2	74.90	51.37	4.247
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	**-1.326**	**2.542**	**101.0**	**200.1**	**28.72**	**2.955**
Stddev	2.907	2.468	.3	1.5	.32	.208
%RSD	219.3	97.09	.2960	.7634	1.107	7.045
#1	1.347	.2075	100.7	198.4	28.44	3.151
#2	-.9033	5.125	101.3	201.1	29.07	2.737
#3	-4.422	2.294	100.9	200.9	28.65	2.978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44751-a-1-d@4 Acquired: 9/21/2012 1:59:54 Type: Unk
Method: SW846_091912(v3) 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	**3.213**	**73.80**	**1225.**	**1465.**
Stddev	.091	.87	7.	31.
%RSD	2.833	1.184	.5506	2.100
#1	3.313	72.83	1217.	1430.
#2	3.134	74.54	1229.	1486.
#3	3.192	74.02	1228.	1479.
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	**3983.9**	**37698.**	**3726.5**
Stddev	30.9	358.	8.5
%RSD	.77502	.95047	.22801
#1	4019.5	37308.	3725.3
#2	3964.4	37774.	3735.5
#3	3967.8	38013.	3718.6

Sample Name: 460-44805-a-1-a@4 Acquired: 9/21/2012 2:03:59 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**84190.**	**11.72**	**-1.822**	**243.7**	**2.472**	**2460.**
Stddev	333.	1.23	.197	2.1	.190	39.
%RSD	.3957	10.52	10.79	.8797	7.679	1.577
#1	83840.	11.56	-1.814	241.3	2.258	2415.
#2	84510.	13.03	-1.629	244.5	2.541	2480.
#3	84230.	10.58	-2.022	245.4	2.618	2484.
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	**-.2747**	**32.37**	**80.00**	**51.93**	**97530.**	**1918.**
Stddev	.0455	.34	1.01	4.05	851.	22.
%RSD	16.58	1.066	1.263	7.797	.8722	1.155
#1	-.2896	32.20	78.87	56.08	96790.	1915.
#2	-.2236	32.15	80.30	47.99	97350.	1941.
#3	-.3110	32.77	80.83	51.72	98460.	1897.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-1-a@4 Acquired: 9/21/2012 2:03:59 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11160.**	**1823.**	**747.6**	**55.28**	**34.74**	**2.569**
Stddev	121.	16.	12.2	.95	.47	3.954
%RSD	1.084	.8853	1.625	1.722	1.359	153.9
#1	11070.	1808.	734.4	54.18	35.17	4.254
#2	11100.	1819.	758.3	55.82	34.23	5.402
#3	11300.	1840.	750.0	55.84	34.81	-1.948
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	**.7987**	**-5.245**	**134.9**	**123.1**	**7.461**	**1.495**
Stddev	2.316	1.703	1.2	1.7	.162	.436
%RSD	290.0	32.46	.8673	1.381	2.174	29.15
#1	1.448	-3.607	134.4	121.2	7.612	1.534
#2	-1.773	-5.123	134.1	123.7	7.289	1.041
#3	2.721	-7.006	136.3	124.4	7.481	1.911
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-1-a@4 Acquired: 9/21/2012 2:03:59 Type: Unk
Method: SW846_091912(v3) 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	**.6624**	**25.05**	**675.2**	**607.5**
Stddev	.0838	.27	4.9	12.6
%RSD	12.65	1.091	.7199	2.072
#1	.7327	24.77	669.8	611.6
#2	.5697	25.07	679.3	617.5
#3	.6850	25.31	676.3	593.4
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	**4046.3**	**38070.**	**3759.1**
Stddev	16.6	396.	36.9
%RSD	.41033	1.0411	.98132
#1	4063.9	38006.	3719.4
#2	4030.9	38495.	3765.7
#3	4044.1	37710.	3792.3

Sample Name: 460-44805-a-2-a@4 Acquired: 9/21/2012 2:08:05 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54350.**	**9.933**	**-1.250**	**161.3**	**1.976**	**5797.**
Stddev	403.	1.162	.348	.3	.073	14.
%RSD	.7410	11.70	27.82	.2082	3.717	.2488
#1	53910.	11.15	-1.507	161.6	1.922	5781.
#2	54420.	9.804	-1.388	161.3	2.060	5808.
#3	54710.	8.840	-.8541	160.9	1.947	5802.
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	**-.0861**	**24.04**	**56.55**	**48.10**	**74780.**	**2793.**
Stddev	.1269	.26	1.46	1.87	2169.	81.
%RSD	147.4	1.092	2.587	3.887	2.901	2.914
#1	-.0377	23.74	57.02	47.52	76100.	2702.
#2	.0095	24.12	54.91	50.19	72280.	2815.
#3	-.2301	24.25	57.72	46.58	75960.	2860.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-2-a@4 Acquired: 9/21/2012 2:08:05 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**9849.**	**1689.**	**473.3**	**43.46**	**49.12**	**2.615**
Stddev	267.	48.	14.1	.75	1.03	1.559
%RSD	2.709	2.858	2.986	1.721	2.093	59.63
#1	9989.	1716.	463.9	43.99	49.07	2.038
#2	9541.	1633.	489.5	43.79	50.17	4.381
#3	10020.	1718.	466.4	42.61	48.11	1.426
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	**-.2810**	**-3.458**	**102.0**	**126.0**	**10.76**	**2.884**
Stddev	2.024	6.238	3.1	.3	.40	.206
%RSD	720.2	180.4	2.996	.1990	3.709	7.136
#1	1.609	-8.009	103.8	125.8	10.90	2.944
#2	-2.416	3.653	98.46	126.3	11.08	2.655
#3	-.0358	-6.019	103.7	126.0	10.31	3.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-2-a@4 Acquired: 9/21/2012 2:08:05 Type: Unk
Method: SW846_091912(v3) 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	**2.210**	**86.18**	**1328.**	**1465.**
Stddev	.722	.77	9.	29.
%RSD	32.67	.8940	.6689	1.977
#1	2.240	85.29	1318.	1433.
#2	1.474	86.69	1332.	1475.
#3	2.917	86.55	1335.	1489.
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	**4013.6**	**38078.**	**3666.4**
Stddev	13.7	713.	38.0
%RSD	.34072	1.8713	1.0375
#1	4023.9	37702.	3685.6
#2	4018.7	38900.	3691.0
#3	3998.1	37632.	3622.6

Sample Name: 460-44805-a-3-a@4 Acquired: 9/21/2012 2:12:12 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**78050.**	**15.01**	**-1.753**	**313.4**	**2.184**	**2949.**
Stddev	467.	1.75	.818	.6	.115	27.
%RSD	.5977	11.66	46.67	.1966	5.284	.9273
#1	77630.	16.42	-1.225	312.9	2.250	2919.
#2	78550.	15.56	-1.338	313.3	2.251	2972.
#3	77980.	13.05	-2.695	314.1	2.051	2957.
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	**-.3932**	**27.31**	**83.24**	**57.26**	**89060.**	**2207.**
Stddev	.1038	.12	.76	.59	637.	43.
%RSD	26.39	.4364	.9189	1.030	.7157	1.956
#1	-.3400	27.42	83.34	57.04	88860.	2191.
#2	-.5128	27.18	82.42	57.92	88550.	2256.
#3	-.3268	27.33	83.94	56.81	89770.	2174.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-3-a@4 Acquired: 9/21/2012 2:12:12 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**12160.**	**905.5**	**225.0**	**51.96**	**32.59**	**2.389**
Stddev	95.	6.3	5.6	.38	1.71	1.691
%RSD	.7814	.6911	2.490	.7341	5.254	70.80
#1	12120.	903.1	222.1	51.60	31.98	4.169
#2	12090.	900.8	231.4	51.90	31.26	.8035
#3	12270.	912.6	221.4	52.36	34.52	2.194
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	**.1234**	**-1.716**	**146.1**	**135.3**	**8.144**	**1.323**
Stddev	1.774	2.704	1.1	.3	.218	.198
%RSD	1438.	157.6	.7650	.2154	2.680	14.95
#1	-1.583	-4.242	145.8	135.2	8.263	1.361
#2	-.0040	-2.043	145.1	135.6	7.892	1.108
#3	1.957	1.137	147.3	135.1	8.277	1.498
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-3-a@4 Acquired: 9/21/2012 2:12:12 Type: Unk
Method: SW846_091912(v3) 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	**1.358**	**31.65**	**1502.**	**1384.**
Stddev	.245	.30	11.	20.
%RSD	18.00	.9412	.7460	1.471
#1	1.090	31.93	1492.	1393.
#2	1.415	31.68	1514.	1398.
#3	1.569	31.34	1499.	1361.
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	**4026.3**	**37878.**	**3695.1**
Stddev	18.1	208.	9.4
%RSD	.44867	.54846	.25505
#1	4041.6	37940.	3701.2
#2	4031.0	38048.	3684.2
#3	4006.3	37647.	3699.8

Sample Name: CCV Acquired: 9/21/2012 2:16:17 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128600.**	**2563.**	**1257.**	**10290.**	**992.3**	F **105700.**
Stddev	453.	20.	48.	70.	2.3	584.
%RSD	.3518	.7695	3.853	.6851	.2354	.5525
#1	128800.	2546.	1209.	10230.	993.6	106300.
#2	129000.	2558.	1306.	10260.	993.7	105200.
#3	128100.	2584.	1256.	10370.	989.6	105500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						125000.
Range						-10.50%

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.**	**2584.**	**5057.**	**12540.**	**101100.**	**54220.**
Stddev	8.	21.	238.	32.	4785.	141.
%RSD	.6554	.7968	4.714	.2529	4.734	.2602
#1	1282.	2570.	4817.	12560.	96290.	54350.
#2	1283.	2576.	5293.	12560.	105900.	54240.
#3	1297.	2608.	5061.	12510.	101100.	54070.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 2:16:17 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**5125.**	F **138100.**	**2610.**	**7853.**	**1037.**
Stddev	5793.	229.	301.	19.	55.	13.
%RSD	4.559	4.465	.2180	.7231	.6982	1.211
#1	121200.	4896.	138300.	2595.	7811.	1029.
#2	132800.	5353.	138300.	2603.	7833.	1031.
#3	127200.	5126.	137800.	2631.	7915.	1052.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value			125000.			
Range			10.50%			

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	**2527.**	**2616.**	**2518.**	**2560.**	**1019.**	**2578.**
Stddev	17.	18.	113.	21.	9.	21.
%RSD	.6538	.6870	4.492	.8317	.8942	.7967
#1	2512.	2604.	2405.	2544.	1011.	2562.
#2	2525.	2606.	2631.	2553.	1016.	2570.
#3	2545.	2636.	2518.	2584.	1029.	2601.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 2:16:17 Type: QC
Method: SW846_091912(v3) 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	**1036.**	**5295.**	**10170.**	**8988.**
Stddev	7.	21.	44.	108.
%RSD	.6810	.3910	.4369	1.205
#1	1031.	5314.	10200.	8908.
#2	1033.	5300.	10200.	8944.
#3	1044.	5273.	10120.	9111.
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	**3586.6**	**34073.**	**3479.9**
Stddev	26.9	1144.	21.0
%RSD	.74896	3.3562	.60424
#1	3606.6	35266.	3465.7
#2	3597.1	32986.	3469.8
#3	3556.0	33966.	3504.0

Sample Name: CCB Acquired: 9/21/2012 2:20:08 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.986**	**-.2936**	**-.6712**	**.0536**	**.0600**	**9.971**
Stddev	12.52	.9045	1.121	.3093	.0656	3.395
%RSD	419.3	308.0	167.0	577.2	109.4	34.04
#1	-3.080	.5931	.1999	.4033	.0982	8.564
#2	17.38	-1.215	-.2775	-.1842	.0974	13.84
#3	-5.345	-.2592	-1.936	-.0583	-.0158	7.506
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	**-.0066**	**-.0611**	**.7616**	**4.723**	**11.53**	**79.57**
Stddev	.0873	.1116	.3239	3.100	8.46	100.3
%RSD	1314.	182.6	42.53	65.63	73.34	126.0
#1	-.1074	-.1656	.4086	4.633	1.904	194.7
#2	.0395	-.0741	1.045	7.866	17.76	11.26
#3	.0479	.0564	.8310	1.669	14.93	32.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 2:20:08 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-1.547**	**.1828**	**101.6**	**.3673**	**-.4812**	**3.295**
Stddev	3.070	.1257	42.4	.5477	1.659	.982
%RSD	198.5	68.80	41.77	149.1	344.8	29.79
#1	1.993	.3279	136.5	-.2561	1.385	4.413
#2	-3.490	.1059	113.8	.5871	-1.790	2.578
#3	-3.142	.1146	54.35	.7710	-1.038	2.892
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	**.3084**	**1.707**	**.2921**	**-.1193**	**1.831**	**1.343**
Stddev	2.289	2.222	.2811	.0492	1.373	.807
%RSD	742.1	130.2	96.23	41.20	75.00	60.09
#1	2.111	3.476	-.0311	-.1742	3.009	2.274
#2	1.081	-.7866	.4797	-.1042	2.162	.9072
#3	-2.267	2.431	.4276	-.0795	.3225	.8472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 2:20:08 Type: QC
Method: SW846_091912(v3) 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	**.0135**	**.0616**	**-.3857**	**1.431**
Stddev	.1923	.0436	1.124	10.68
%RSD	1426.	70.67	291.3	746.3
#1	.0894	.1068	.9109	-10.90
#2	-.2052	.0581	-.9933	7.682
#3	.1563	.0199	-1.075	7.511
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	**3893.2**	**37905.**	**3567.5**
Stddev	8.3	68.	35.8
%RSD	.21287	.17831	1.0048
#1	3889.4	37980.	3608.4
#2	3902.8	37848.	3541.6
#3	3887.6	37886.	3552.6

Sample Name: 460-44805-a-4-a@4 Acquired: 9/21/2012 2:24:23 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**81900.**	**16.18**	**-1.522**	**254.5**	**2.452**	**6976.**
Stddev	746.	1.83	.516	2.0	.121	132.
%RSD	.9107	11.28	33.91	.7700	4.943	1.887
#1	81300.	14.24	-.9412	254.9	2.314	7005.
#2	81670.	17.86	-1.696	252.3	2.540	6833.
#3	82730.	16.45	-1.928	256.2	2.503	7091.
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	**-.5621**	**35.07**	**91.33**	**65.11**	**109300.**	**3761.**
Stddev	.0127	.17	.42	2.94	403.	34.
%RSD	2.253	.4987	.4561	4.508	.3683	.9149
#1	-.5743	35.08	90.91	68.00	108900.	3724.
#2	-.5632	34.89	91.35	65.20	109400.	3764.
#3	-.5490	35.23	91.74	62.13	109700.	3793.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-4-a@4 Acquired: 9/21/2012 2:24:23 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**12870.**	**1237.**	**317.5**	**62.04**	**40.72**	**2.614**
Stddev	49.	5.	18.0	.72	.59	1.729
%RSD	.3806	.3767	5.684	1.168	1.460	66.17
#1	12810.	1232.	319.1	62.64	40.95	.9838
#2	12880.	1238.	334.6	61.24	41.16	2.429
#3	12910.	1242.	298.6	62.23	40.04	4.428
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	**.9476**	**-2.454**	**157.5**	**140.5**	**14.34**	**4.390**
Stddev	1.885	1.518	.5	.9	.30	.218
%RSD	198.9	61.88	.2865	.6640	2.110	4.965
#1	.5926	-.8989	157.1	140.8	14.53	4.511
#2	-.7347	-2.529	158.0	139.5	14.51	4.520
#3	2.985	-3.933	157.6	141.3	13.99	4.138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-4-a@4 Acquired: 9/21/2012 2:24:23 Type: Unk
Method: SW846_091912(v3) 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	**1.924**	**93.84**	**1817.**	**1522.**
Stddev	.615	.72	14.	8.
%RSD	31.98	.7726	.7923	.5530
#1	2.371	93.24	1805.	1528.
#2	2.179	93.62	1813.	1525.
#3	1.222	94.64	1833.	1512.
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	**3947.0**	**37266.**	**3635.9**
Stddev	20.3	200.	21.4
%RSD	.51426	.53632	.58760
#1	3947.1	37490.	3628.2
#2	3967.3	37202.	3660.0
#3	3926.7	37106.	3619.4

Sample Name: 460-44805-a-6-a@4 Acquired: 9/21/2012 2:28:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**37950.**	**6.756**	**-.8194**	**259.7**	**1.567**	**11620.**
Stddev	455.	.279	.8703	1.0	.022	81.
%RSD	1.198	4.133	106.2	.3962	1.397	.6955
#1	37420.	6.739	-1.456	259.3	1.591	11560.
#2	38240.	6.486	-1.174	258.9	1.548	11590.
#3	38180.	7.043	.1723	260.9	1.562	11720.
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	**-.0975**	**25.50**	**51.80**	**120.0**	**71890.**	**4130.**
Stddev	.0902	.06	.45	7.0	219.	56.
%RSD	92.52	.2260	.8733	5.848	.3044	1.363
#1	-.0087	25.46	51.60	112.0	71980.	4113.
#2	-.0947	25.48	51.48	125.3	71640.	4192.
#3	-.1891	25.57	52.32	122.7	72050.	4083.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-6-a@4 Acquired: 9/21/2012 2:28:27 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11460.**	**802.9**	**893.4**	**45.96**	**21.12**	**4.602**
Stddev	25.	1.4	13.5	1.06	1.36	1.723
%RSD	.2212	.1785	1.505	2.315	6.453	37.44
#1	11480.	803.0	882.2	44.83	22.12	6.580
#2	11430.	801.4	889.7	46.94	21.68	3.430
#3	11480.	804.3	908.3	46.12	19.57	3.795
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	**-2.270**	**-1.072**	**86.48**	**138.7**	**7.106**	**.1547**
Stddev	.436	.469	.19	.7	.571	.1592
%RSD	19.22	43.77	.2140	.4808	8.029	102.9
#1	-2.413	-1.421	86.26	138.3	7.765	-.0184
#2	-1.780	-1.257	86.57	138.3	6.786	.2947
#3	-2.617	-.5386	86.59	139.4	6.768	.1880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-6-a@4 Acquired: 9/21/2012 2:28:27 Type: Unk
Method: SW846_091912(v3) 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	**1.257**	**495.6**	**1472.**	**1386.**
Stddev	.648	4.7	12.	8.
%RSD	51.54	.9533	.8360	.5478
#1	1.797	490.2	1458.	1394.
#2	.5386	498.9	1480.	1383.
#3	1.435	497.6	1477.	1379.
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	**3960.2**	**37747.**	**3663.8**
Stddev	11.8	163.	33.9
%RSD	.29773	.43263	.92443
#1	3963.0	37574.	3701.5
#2	3970.4	37898.	3654.0
#3	3947.3	37769.	3635.9

Sample Name: 460-44805-a-8-a@4 Acquired: 9/21/2012 2:36:39 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29600.**	**9.332**	**-.9033**	**116.9**	**1.243**	**5077.**
Stddev	460.	1.219	.6645	.1	.122	45.
%RSD	1.555	13.06	73.56	.1246	9.847	.8807
#1	29070.	9.479	-1.669	116.7	1.372	5045.
#2	29820.	8.046	-.5595	117.0	1.128	5059.
#3	29910.	10.47	-.4812	116.8	1.229	5128.
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	**-.0166**	**24.59**	**44.86**	**56.47**	**64880.**	**2581.**
Stddev	.0713	.49	.98	1.44	400.	78.
%RSD	428.1	1.987	2.186	2.551	.6158	3.021
#1	.0157	24.25	44.36	55.23	65060.	2500.
#2	.0327	25.15	44.24	58.05	64420.	2588.
#3	-.0984	24.36	45.99	56.13	65160.	2656.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-8-a@4 Acquired: 9/21/2012 2:36:39 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**9665.**	**1254.**	**354.5**	**40.54**	**19.14**	**3.679**
Stddev	72.	8.	4.1	.39	1.22	3.187
%RSD	.7438	.6395	1.155	.9715	6.366	86.61
#1	9689.	1260.	355.2	40.87	18.62	5.387
#2	9584.	1245.	350.2	40.65	18.26	.0027
#3	9721.	1256.	358.3	40.11	20.53	5.648
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	**-2.149**	**-1.829**	**83.01**	**109.2**	**6.644**	**1.431**
Stddev	1.278	1.146	.98	.5	.556	.042
%RSD	59.50	62.69	1.176	.4261	8.373	2.909
#1	-2.383	-2.540	84.13	108.8	7.281	1.416
#2	-.7694	-2.440	82.39	109.1	6.252	1.399
#3	-3.294	-.5062	82.51	109.7	6.399	1.478
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-8-a@4 Acquired: 9/21/2012 2:36:39 Type: Unk
Method: SW846_091912(v3) 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	**1.429**	**33.80**	**1209.**	**1058.**
Stddev	.276	.43	20.	20.
%RSD	19.33	1.265	1.621	1.853
#1	1.376	33.31	1186.	1046.
#2	1.183	33.99	1219.	1047.
#3	1.728	34.10	1221.	1080.
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	**4033.0**	**38794.**	**3711.2**
Stddev	4.4	258.	20.6
%RSD	.10952	.66576	.55569
#1	4033.9	38616.	3731.8
#2	4036.8	39090.	3711.1
#3	4028.1	38676.	3690.6

Sample Name: 460-44805-a-9-a@4 Acquired: 9/21/2012 2:40:46 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41100.**	**13.28**	**-1.599**	**196.4**	**1.770**	**6941.**
Stddev	313.	.98	.456	1.0	.159	55.
%RSD	.7615	7.359	28.50	.5301	8.968	.7978
#1	40780.	13.16	-2.102	195.7	1.846	6898.
#2	41090.	14.31	-1.480	197.6	1.876	6922.
#3	41410.	12.37	-1.214	195.9	1.587	7004.
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	**.0059**	**29.86**	**46.22**	**92.47**	**77420.**	**2595.**
Stddev	.0643	.40	.86	6.28	864.	32.
%RSD	1098.	1.346	1.855	6.793	1.116	1.216
#1	-.0611	29.64	46.26	88.39	77200.	2588.
#2	.0116	30.33	47.05	89.32	78370.	2629.
#3	.0671	29.62	45.34	99.71	76680.	2567.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-9-a@4 Acquired: 9/21/2012 2:40:46 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**15140.**	**1489.**	**1007.**	**48.77**	**46.95**	**3.660**
Stddev	177.	16.	21.	.26	.85	1.990
%RSD	1.168	1.068	2.092	.5301	1.813	54.36
#1	15090.	1485.	987.3	48.49	47.22	1.973
#2	15340.	1506.	1004.	48.84	46.00	5.854
#3	14990.	1475.	1029.	48.99	47.64	3.152
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	**-.8298**	**-3.064**	**118.8**	**274.6**	**35.32**	**.4966**
Stddev	2.679	3.200	1.1	1.3	.68	.2316
%RSD	322.9	104.4	.9634	.4606	1.911	46.63
#1	-1.673	-3.719	118.7	273.1	35.82	.2404
#2	-2.986	.4126	120.0	275.5	34.55	.6909
#3	2.170	-5.886	117.8	275.0	35.59	.5585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-9-a@4 Acquired: 9/21/2012 2:40:46 Type: Unk
Method: SW846_091912(v3) 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	**.9766**	**45.64**	**1550.**	**896.8**
Stddev	.7329	.24	13.	10.2
%RSD	75.05	.5317	.8653	1.136
#1	1.818	45.36	1536.	887.8
#2	.4802	45.77	1551.	894.7
#3	.6312	45.79	1563.	907.8
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	**3993.7**	**38032.**	**3718.5**
Stddev	12.2	188.	11.1
%RSD	.30574	.49524	.29831
#1	4007.7	38169.	3730.1
#2	3985.4	37817.	3717.3
#3	3988.0	38108.	3708.0

Sample Name: 460-44805-a-10-a@4 Acquired: 9/21/2012 2:44:52 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**39320.**	**11.92**	**-1.354**	**207.0**	**2.203**	**5242.**
Stddev	69.	2.00	.338	1.9	.117	15.
%RSD	.1755	16.78	24.98	.9349	5.320	.2801
#1	39310.	11.02	-1.085	205.5	2.090	5244.
#2	39250.	14.21	-1.242	206.4	2.194	5256.
#3	39390.	10.52	-1.733	209.2	2.324	5227.
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	**-.1049**	**37.61**	**61.98**	**107.2**	**85560.**	**2026.**
Stddev	.1998	.59	1.19	1.8	783.	45.
%RSD	190.4	1.581	1.916	1.683	.9152	2.241
#1	-.1267	36.94	63.28	105.5	86240.	2079.
#2	-.2930	37.82	60.94	107.0	85740.	1999.
#3	.1048	38.07	61.73	109.1	84710.	2001.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-10-a@4 Acquired: 9/21/2012 2:44:52 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**16830.**	**1746.**	**394.6**	**55.97**	**18.62**	**1.953**
Stddev	110.	16.	17.4	.95	1.51	1.220
%RSD	.6523	.8961	4.410	1.701	8.085	62.45
#1	16910.	1760.	399.9	55.51	17.49	.5696
#2	16870.	1749.	375.2	55.34	18.05	2.873
#3	16710.	1729.	408.8	57.07	20.33	2.417
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	**-1.265**	**-3.059**	**118.0**	**170.9**	**5.120**	**.5984**
Stddev	3.182	2.045	1.1	1.4	.532	.1474
%RSD	251.5	66.83	.9152	.8301	10.39	24.63
#1	2.204	-5.384	119.2	169.4	4.610	.7667
#2	-1.953	-2.252	117.5	171.0	5.078	.4922
#3	-4.047	-1.541	117.2	172.2	5.672	.5363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-10-a@4 Acquired: 9/21/2012 2:44:52 Type: Unk
Method: SW846_091912(v3) 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	**.6969**	**21.38**	**1833.**	**955.0**
Stddev	.1643	.14	4.	6.7
%RSD	23.58	.6734	.2368	.7003
#1	.8646	21.55	1833.	949.6
#2	.6898	21.29	1829.	952.8
#3	.5362	21.31	1838.	962.5
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	**4044.1**	**38576.**	**3731.2**
Stddev	4.9	295.	22.3
%RSD	.12192	.76490	.59706
#1	4044.4	38383.	3756.8
#2	4048.9	38428.	3720.7
#3	4039.0	38915.	3716.1

Sample Name: 460-44805-a-11-a@4 Acquired: 9/21/2012 2:48:58 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38730.**	**8.823**	**-1.185**	**161.2**	**1.575**	**5421.**
Stddev	207.	.256	.230	.8	.165	23.
%RSD	.5339	2.896	19.40	.5094	10.50	.4273
#1	38640.	8.551	-1.394	161.8	1.762	5404.
#2	38580.	8.861	-1.222	161.5	1.511	5412.
#3	38960.	9.058	-.9385	160.3	1.451	5447.
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	**.1285**	**29.59**	**46.32**	**116.0**	**73360.**	**2649.**
Stddev	.0907	.23	.28	1.1	830.	20.
%RSD	70.58	.7638	.6045	.9485	1.132	.7650
#1	.0245	29.75	46.64	117.2	73690.	2650.
#2	.1697	29.69	46.12	115.8	73980.	2669.
#3	.1913	29.33	46.19	115.0	72420.	2629.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-11-a@4 Acquired: 9/21/2012 2:48:58 Type: Unk
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**15930.**	**1915.**	**711.2**	**48.98**	**39.10**	**2.585**
Stddev	177.	21.	26.0	.14	.70	1.075
%RSD	1.108	1.085	3.658	.2912	1.794	41.60
#1	16020.	1926.	701.6	49.06	38.87	3.823
#2	16050.	1928.	691.4	49.07	39.88	2.050
#3	15730.	1891.	740.7	48.82	38.53	1.883
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	**-3.770**	**-3.226**	**96.82**	**306.9**	**9.674**	**.4703**
Stddev	4.776	4.710	1.09	1.4	.325	.1828
%RSD	126.7	146.0	1.123	.4642	3.358	38.87
#1	-.3230	-8.622	97.32	307.8	9.446	.3320
#2	-9.222	.0578	97.57	307.6	10.05	.6776
#3	-1.764	-1.114	95.58	305.2	9.530	.4014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44805-a-11-a@4 Acquired: 9/21/2012 2:48:58 Type: Unk
Method: SW846_091912(v3) 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	**.8022**	**30.96**	**1615.**	**1099.**
Stddev	.8036	.24	2.	9.
%RSD	100.2	.7785	.1544	.8184
#1	1.604	30.82	1616.	1102.
#2	.8056	30.82	1612.	1107.
#3	-.0032	31.24	1617.	1089.
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	**4002.0**	**38609.**	**3685.3**
Stddev	9.7	332.	16.3
%RSD	.24341	.86110	.44146
#1	4008.3	38246.	3701.9
#2	4006.9	38682.	3684.5
#3	3990.8	38898.	3669.4

Sample Name: CCV Acquired: 9/21/2012 2:53:05 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128400.**	**2545.**	**1243.**	**10120.**	**988.1**	F **102800.**
Stddev	762.	13.	7.	49.	6.3	1377.
%RSD	.5936	.5134	.5799	.4846	.6410	1.339
#1	128000.	2552.	1241.	10150.	984.3	104400.
#2	128000.	2530.	1251.	10060.	984.5	102000.
#3	129300.	2553.	1237.	10140.	995.4	102000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						125000.
Range						-10.50%

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	**1268.**	**2571.**	**5048.**	**12450.**	**100900.**	**53550.**
Stddev	7.	13.	23.	80.	431.	381.
%RSD	.5274	.5112	.4567	.6397	.4273	.7120
#1	1273.	2580.	5034.	12400.	100600.	53220.
#2	1260.	2556.	5075.	12410.	101400.	53450.
#3	1271.	2579.	5036.	12550.	100700.	53970.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 2:53:05 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**127500.**	**5092.**	**137700.**	**2600.**	**7748.**	**1023.**
Stddev	493.	21.	919.	14.	39.	6.
%RSD	.3869	.4137	.6674	.5254	.4993	.5858
#1	127100.	5079.	137100.	2611.	7775.	1027.
#2	128000.	5117.	137300.	2585.	7704.	1016.
#3	127300.	5082.	138800.	2605.	7766.	1026.
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	**2494.**	**2601.**	**2490.**	**2549.**	**1013.**	**2542.**
Stddev	13.	15.	13.	14.	7.	13.
%RSD	.5395	.5921	.5026	.5664	.6782	.5041
#1	2508.	2616.	2485.	2558.	1014.	2550.
#2	2481.	2585.	2504.	2532.	1005.	2527.
#3	2492.	2602.	2481.	2556.	1019.	2550.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 2:53:05 Type: QC
Method: SW846_091912(v3) 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	**1022.**	**5228.**	**10100.**	F **8920.**
Stddev	5.	28.	66.	86.
%RSD	.4967	.5322	.6497	.9684
#1	1025.	5214.	10060.	8833.
#2	1016.	5209.	10070.	8922.
#3	1025.	5260.	10180.	9006.
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	**3574.5**	**33779.**	**3448.3**
Stddev	19.5	126.	15.6
%RSD	.54448	.37444	.45216
#1	3573.7	33838.	3447.6
#2	3594.4	33866.	3464.2
#3	3555.5	33634.	3433.0

Sample Name: CCB Acquired: 9/21/2012 2:56:56 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-6.746**	**1.080**	**-.4614**	**.1635**	**.0252**	**13.60**
Stddev	14.43	1.958	.6317	.0621	.0795	1.44
%RSD	213.8	181.3	136.9	37.97	315.4	10.61
#1	9.910	-1.039	-.4408	.2185	.1166	12.46
#2	-15.17	2.822	.1596	.1759	-.0121	15.22
#3	-14.98	1.457	-1.103	.0962	-.0288	13.11
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	**.0356**	**.0663**	**.7411**	**6.971**	**7.334**	**78.53**
Stddev	.1214	.0910	.1318	5.744	3.300	82.40
%RSD	341.4	137.3	17.78	82.40	44.99	104.9
#1	.1388	.0915	.8121	12.59	4.856	173.1
#2	-.0982	-.0347	.8222	1.106	11.08	40.53
#3	.0661	.1420	.5891	7.221	6.067	21.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 2:56:56 Type: QC
Method: SW846_091912(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

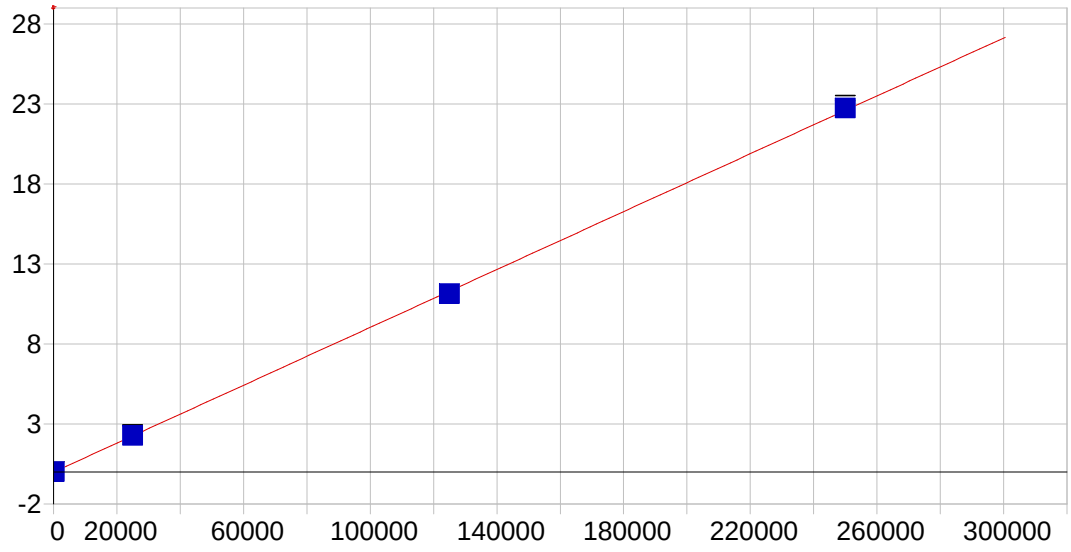
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7282**	**.1165**	**106.7**	**.0139**	**-.1936**	**1.118**
Stddev	8.945	.0095	37.7	.6442	1.370	1.437
%RSD	1228.	8.149	35.30	4646.	707.6	128.6
#1	10.62	.1055	150.3	.7425	-1.706	1.426
#2	-1.657	.1223	84.76	-.2210	.1619	2.376
#3	-6.783	.1216	85.22	-.4799	.9634	-.4489
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	**1.018**	**3.903**	**-.2713**	**-.0958**	**1.825**	**.9983**
Stddev	.521	3.510	.1639	.0634	.312	.3191
%RSD	51.15	89.92	60.41	66.17	17.08	31.96
#1	.4399	7.637	-.3151	-.0228	2.090	1.366
#2	1.450	.6725	-.0900	-.1277	1.905	.8383
#3	1.164	3.399	-.4089	-.1369	1.482	.7909
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 2:56:56 Type: QC
Method: SW846_091912(v3) 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	**-.5936**	**.1025**	**.0353**	**14.12**
Stddev	.2999	.2368	.3169	35.31
%RSD	50.52	230.9	897.4	250.0
#1	-.9293	.3701	.0002	51.85
#2	-.3524	.0174	.3683	8.668
#3	-.4990	-.0799	-.2626	-18.14
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	**3882.2**	**37664.**	**3531.1**
Stddev	16.2	521.	20.5
%RSD	.41606	1.3840	.58059
#1	3878.4	38204.	3542.7
#2	3868.2	37624.	3543.2
#3	3899.9	37164.	3507.5

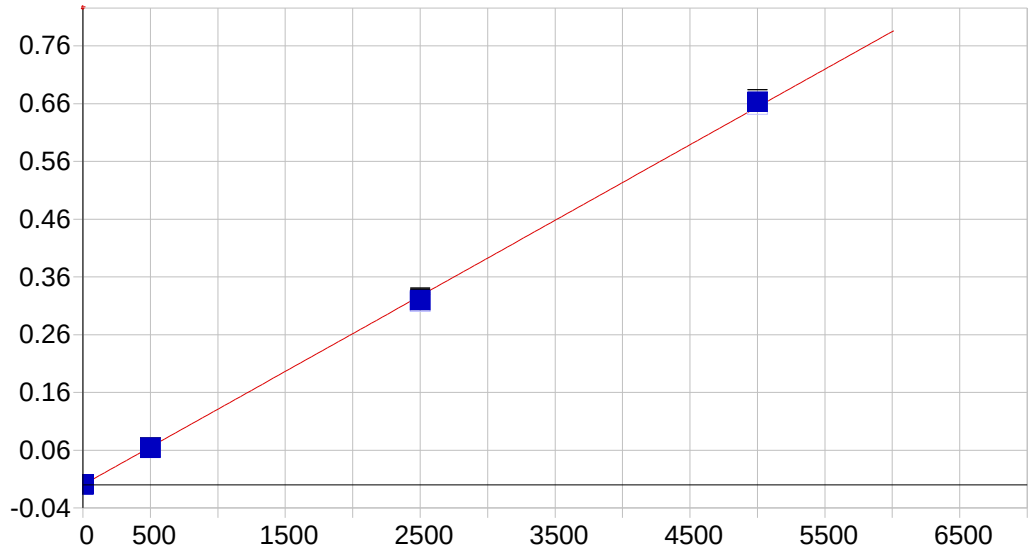


Al 396.152 { 85}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003226	Re-Slope:	1.000000
A1 (Gain):	0.000090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000318		
Predicted MDL:	19.481702		
Predicted MQL:	64.939005		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02159	.022	.000	-.00322	.001	1
DCAL2	200.00	178.71	-21.3	-10.6	.01296	.002	1
DCAL3	25000.	25147.	147.	.588	2.2722	.050	1
DCAL4	125000.	123280.	-1720.	-1.38	11.152	.012	1
DCAL5	250000.	251600.	1600.	.639	22.763	.161	1

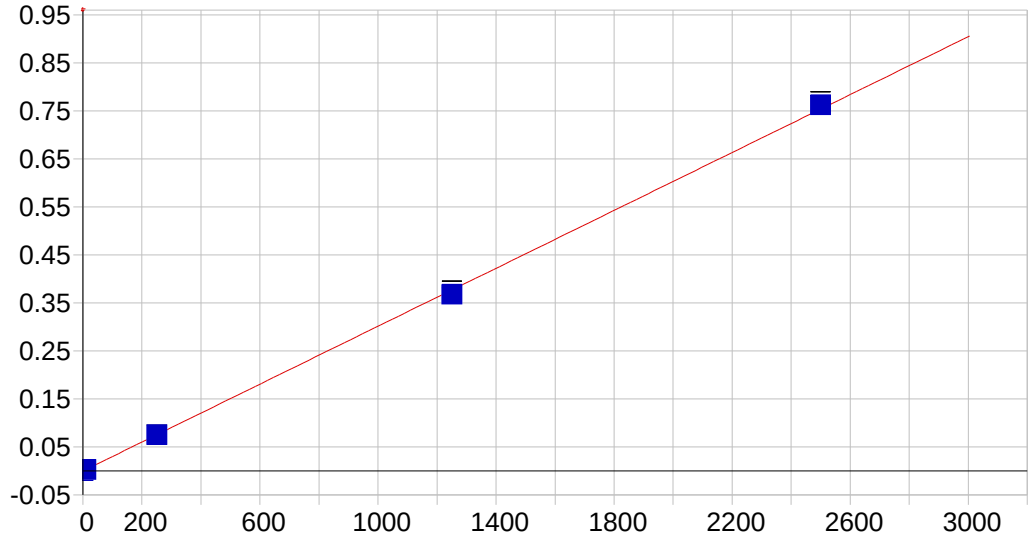


As 189.042 {478}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000039	Re-Slope:	1.000000
A1 (Gain):	0.000131	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999775	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	1.837094		
Predicted MQL:	6.123646		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00204	-.002	.000	.00004	.000	1
DCAL2	5.0000	7.2055	2.21	44.1	.00097	.000	1
DCAL3	500.00	488.61	-11.4	-2.28	.06348	.001	1
DCAL4	2500.0	2441.0	-59.0	-2.36	.31696	.004	1
DCAL5	5000.0	5068.2	68.2	1.36	.65823	.004	1

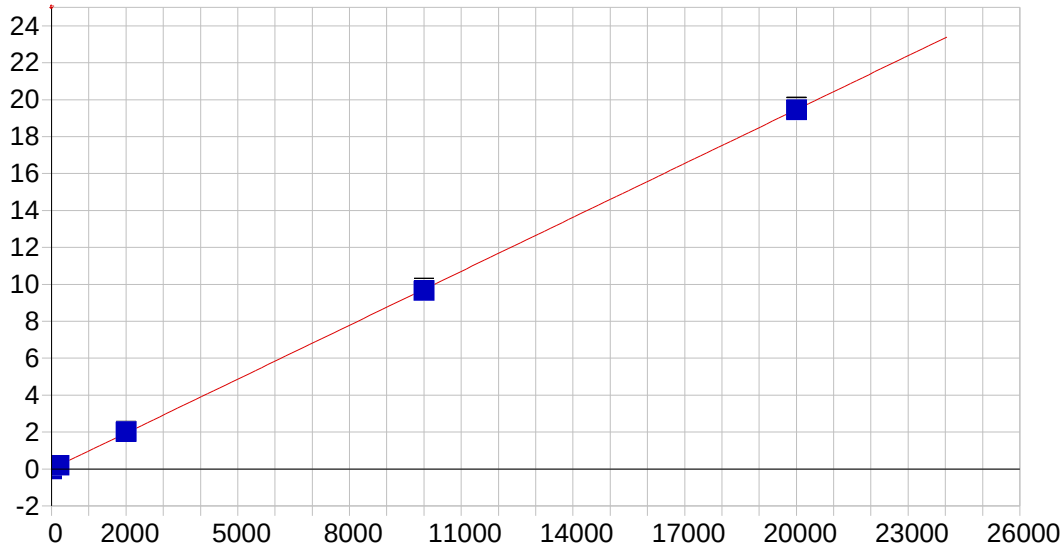


Ag 328.068 {103}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000159	Re-Slope:	1.000000
A1 (Gain):	0.000302	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.803143		
Predicted MQL:	2.677143		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00030	.000	.000	-.00016	.000	1
DCAL2	10.000	9.8075	-.193	-1.93	.00279	.000	1
DCAL3	250.00	250.17	.165	.066	.07524	.001	1
DCAL4	1250.0	1220.6	-29.4	-2.35	.36772	.007	1
DCAL5	2500.0	2529.4	29.4	1.18	.76222	.007	1

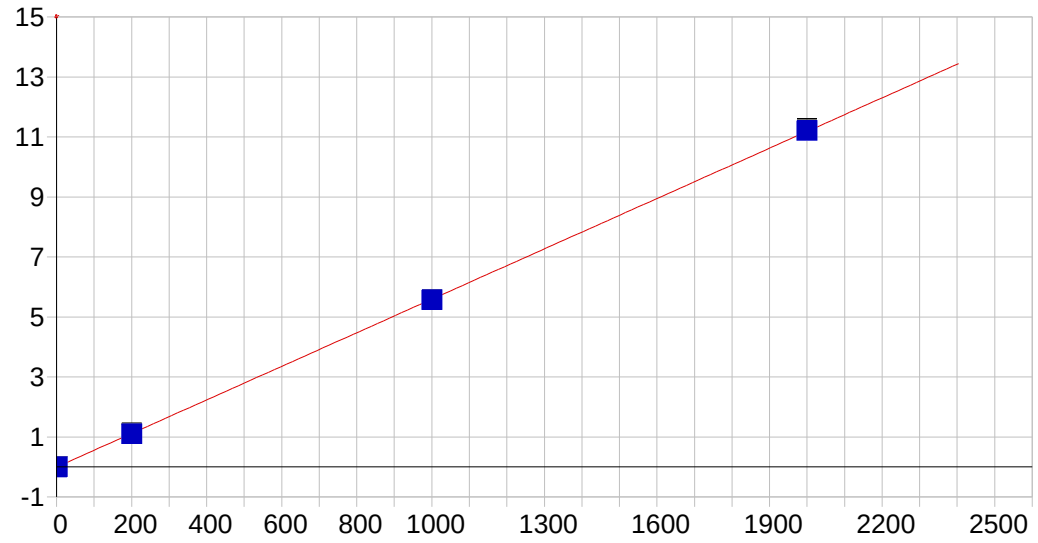


Ba 233.527 {445}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000378	Re-Slope:	1.000000
A1 (Gain):	0.000973	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.001097		
Predicted MDL:	0.275065		
Predicted MQL:	0.916882		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01203	-.012	.000	-.00039	.000	1
DCAL2	200.00	205.67	5.67	2.84	.19970	.001	1
DCAL3	2000.0	2079.2	79.2	3.96	2.0206	.022	1
DCAL4	10000.	9928.5	-71.5	-.715	9.6499	.127	1
DCAL5	20000.	19987.	-13.3	-.067	19.426	.146	1

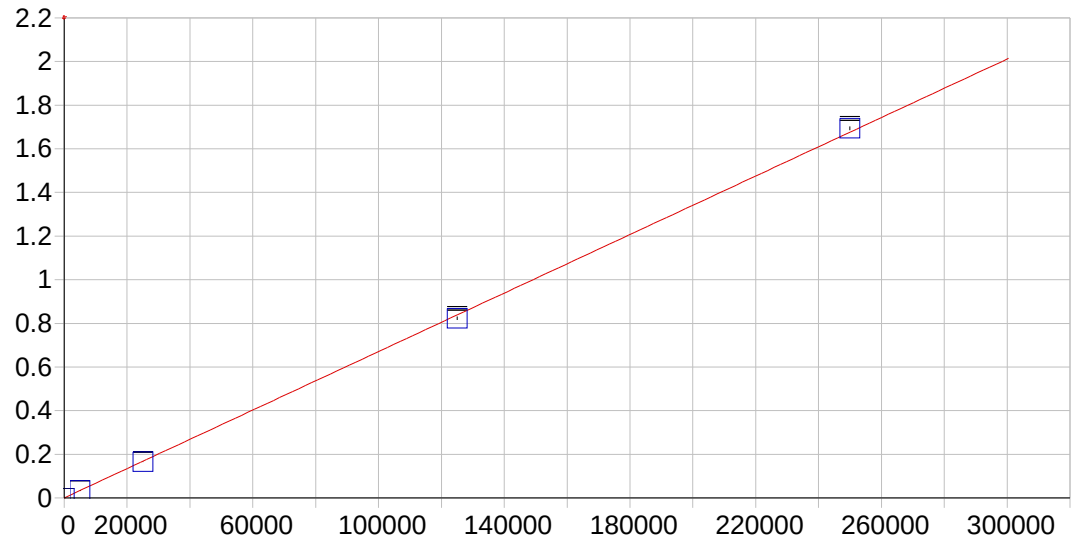


Be 313.042 {108}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004228	Re-Slope:	1.000000
A1 (Gain):	0.005594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000061		
Predicted MDL:	0.147607		
Predicted MQL:	0.492024		

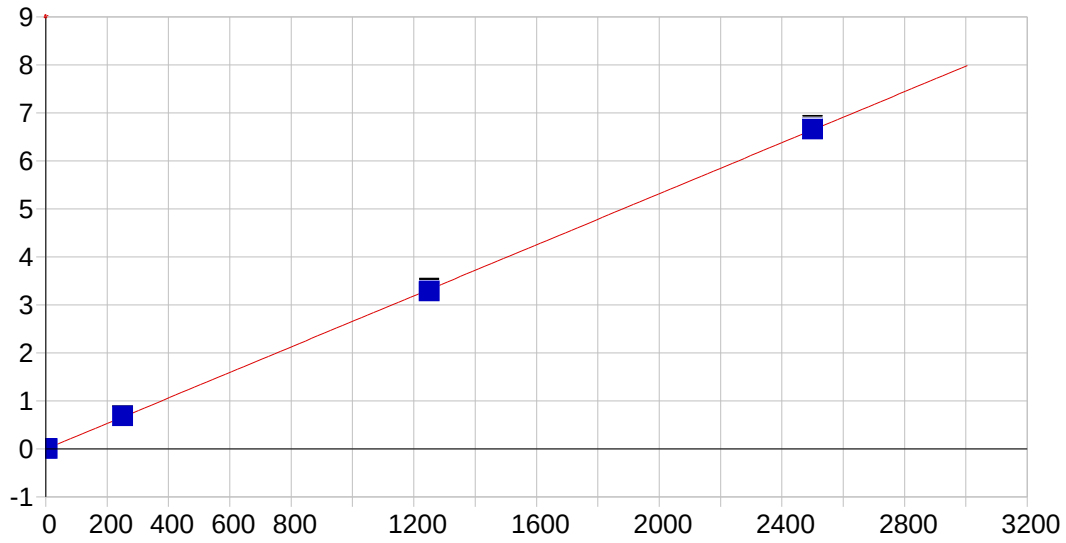
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00009	-.000	.000	-.00423	.000	1
DCAL2	2.0000	2.1042	.104	5.21	.00758	.001	1
DCAL3	200.00	198.48	-1.52	-.758	1.1050	.020	1
DCAL4	1000.0	996.95	-3.05	-.305	5.5675	.007	1
DCAL5	2000.0	2004.5	4.46	.223	11.198	.074	1



Ca 184.006 {483}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000389		Re-Slope:	1.000000	
A1 (Gain):	0.000007		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999904		Status:	OK.	
Std Error of Est:	0.000170				
Predicted MDL:	17.612931				
Predicted MQL:	58.709771				

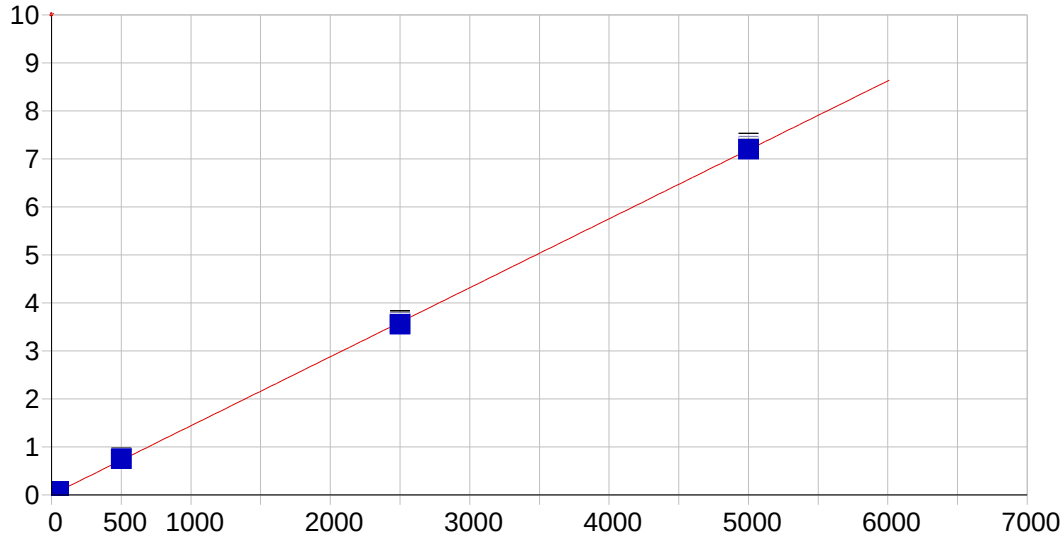
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.22404	.224	.000	.00039	.000	1
DCAL2	5000.0	4882.1	-118.	-2.36	.03312	.000	1
DCAL3	25000.	24647.	-353.	-1.41	.16561	.002	1
DCAL4	125000.	122760.	-2240.	-1.79	.82332	.008	1
DCAL5	250000.	252710.	2710.	1.09	1.6945	.009	1



Cd 226.502 {449}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002058		Re-Slope:	1.000000	
A1 (Gain):	0.002659		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999948		Status:	OK.	
Std Error of Est:	0.000141				
Predicted MDL:	0.142907				
Predicted MQL:	0.476356				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00027	-.000	.000	-.00206	.000	1
DCAL2	4.0000	4.1808	.181	4.52	.00908	.000	1
DCAL3	250.00	258.01	8.01	3.20	.68732	.008	1
DCAL4	1250.0	1236.6	-13.4	-1.07	3.3027	.042	1
DCAL5	2500.0	2505.2	5.22	.209	6.6926	.051	1

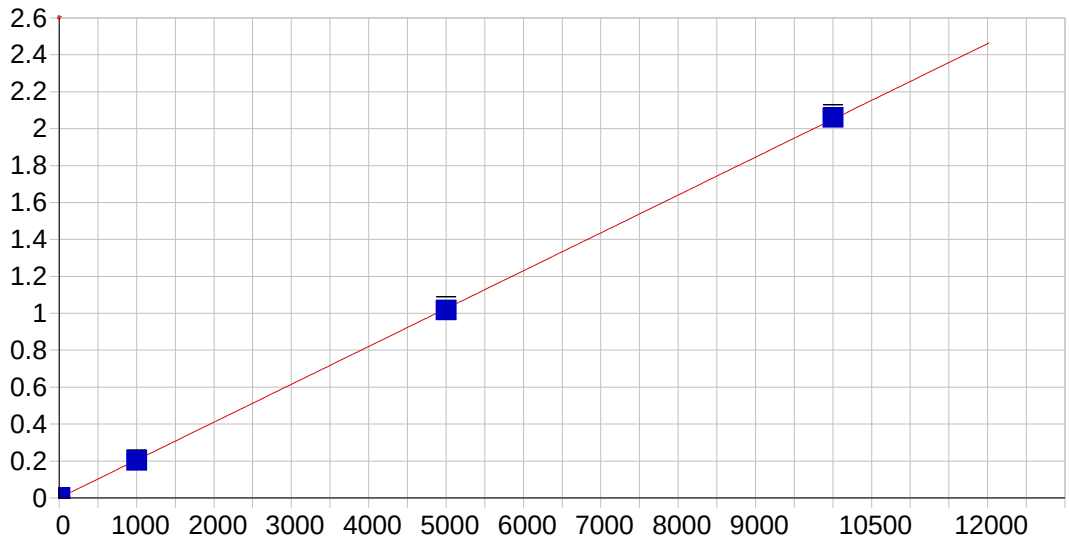


Co 228.616 {447}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004233	Re-Slope:	1.000000
A1 (Gain):	0.001437	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000480		
Predicted MDL:	0.309186		
Predicted MQL:	1.030620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00330	-.003	.000	.00423	.000	1
DCAL2	50.000	51.676	1.68	3.35	.07855	.000	1
DCAL3	500.00	521.52	21.5	4.30	.76041	.009	1
DCAL4	2500.0	2470.4	-29.6	-1.19	3.5879	.045	1
DCAL5	5000.0	5006.4	6.44	.129	7.2660	.063	1

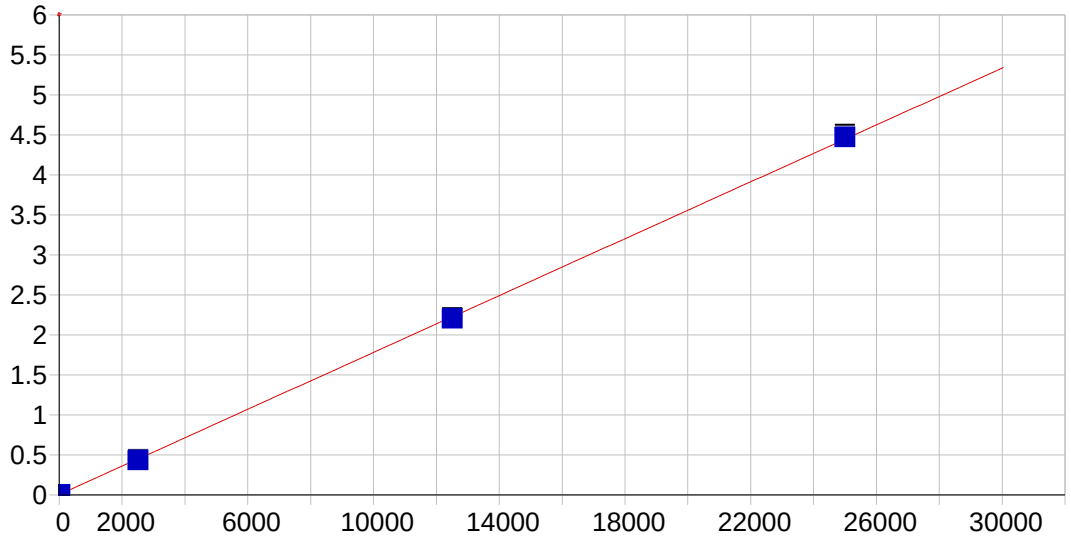


Cr 267.716 {126}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000228	Re-Slope:	1.000000
A1 (Gain):	0.000205	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.649362		
Predicted MQL:	2.164541		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00066	-.001	.000	.00023	.000	1
DCAL2	10.000	10.784	.784	7.84	.00245	.000	1
DCAL3	1000.0	989.99	-10.0	-1.00	.20330	.001	1
DCAL4	5000.0	4963.0	-37.0	-.740	1.0183	.018	1
DCAL5	10000.	10046.	46.2	.462	2.0610	.016	1

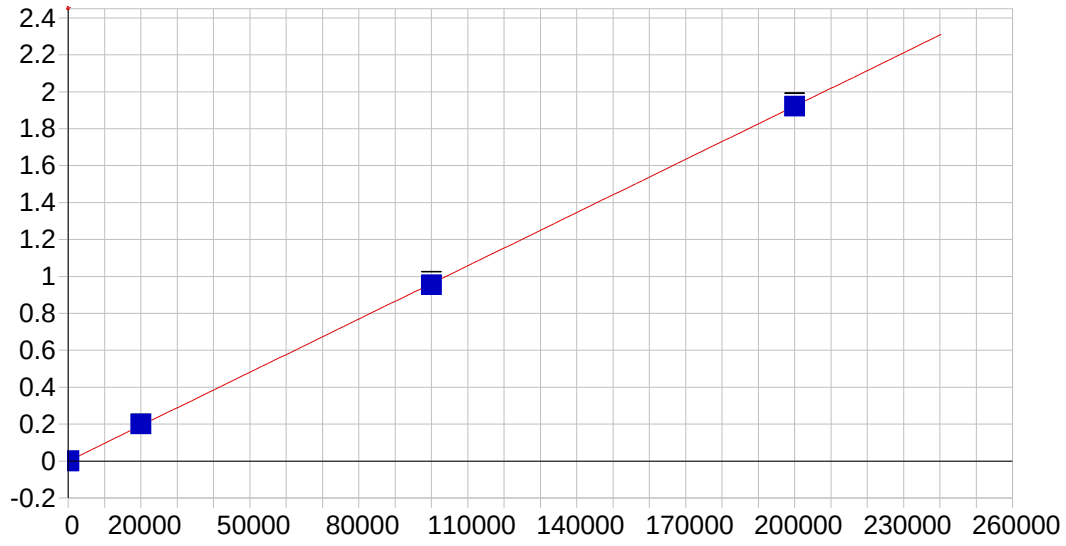


Cu 324.754 {104}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004019	Re-Slope:	1.000000
A1 (Gain):	0.000178	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	4.491238		
Predicted MQL:	14.970792		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00007	.000	.000	.00402	.001	1
DCAL1	10.000	8.5087	-1.49	-14.9	.00553	.000	1
DCAL2	25.000	29.322	4.32	17.3	.00921	.001	1
DCAL3	2500.0	2425.8	-74.2	-2.97	.43436	.009	1
DCAL4	12500.	12411.	-89.3	-.715	2.2058	.003	1
DCAL5	25000.	25161.	161.	.643	4.4679	.033	1

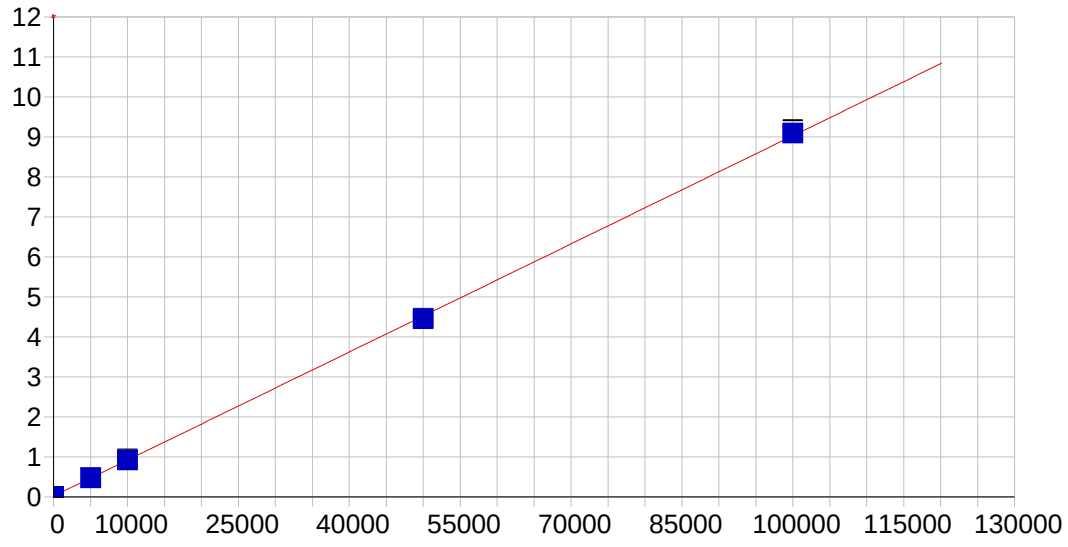


Fe 271.441 {124}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000113	Re-Slope:	1.000000
A1 (Gain):	0.000010	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	14.418759		
Predicted MQL:	48.062530		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01415	-.014	.000	.00011	.000	1
DCAL1	100.00	106.85	6.85	6.85	.00114	.000	1
DCAL2	150.00	155.44	5.44	3.63	.00165	.000	1
DCAL3	20000.	20897.	897.	4.49	.20140	.002	1
DCAL4	100000.	99277.	-723.	-.723	.95648	.017	1
DCAL5	200000.	199810.	-187.	-.093	1.9249	.016	1

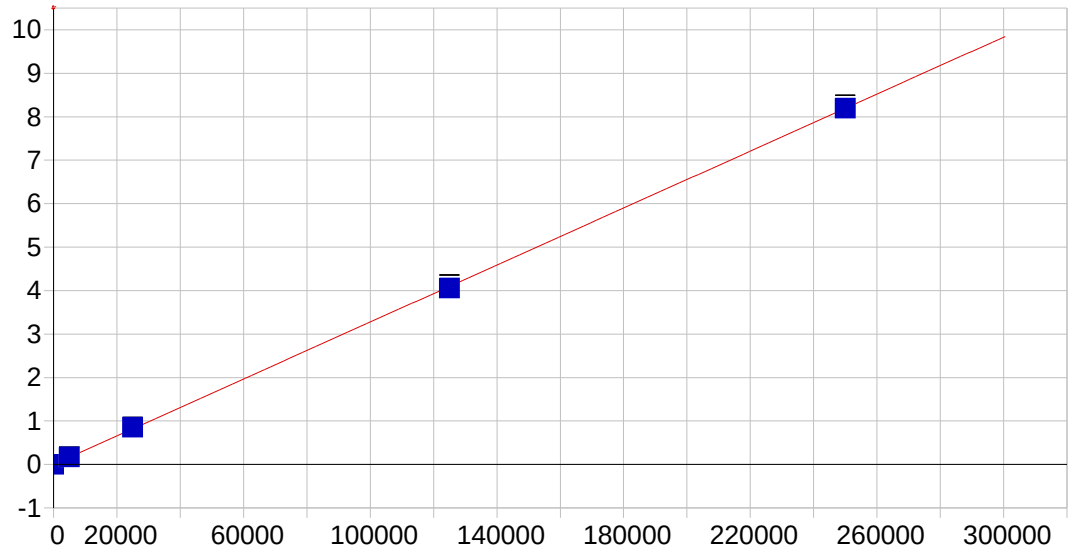


K 766.490 { 44}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.018879	Re-Slope:	1.000000
A1 (Gain):	0.000090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.001102		
Predicted MDL:	38.733821		
Predicted MQL:	129.112735		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.03036	.030	.000	.01888	.004	1
DCAL2	5000.0	4998.0	-1.96	-.039	.46912	.009	1
DCAL3	10000.	10023.	23.4	.234	.92055	.019	1
DCAL4	50000.	49220.	-780.	-1.56	4.4464	.013	1
DCAL5	100000.	100760.	759.	.759	9.0829	.080	1

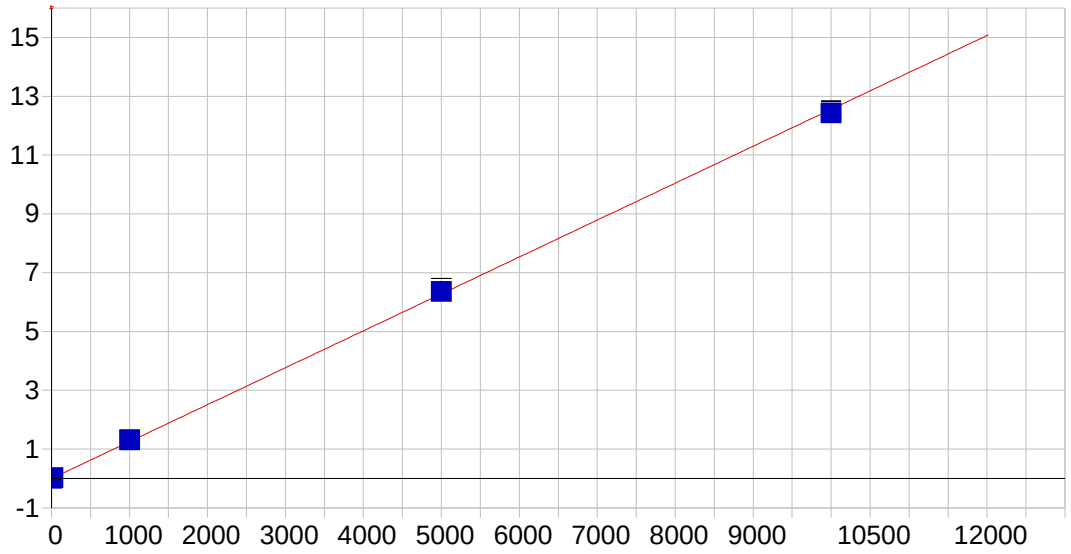


Mg 279.079 {121}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000040	Re-Slope:	1.000000
A1 (Gain):	0.000033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000715		
Predicted MDL:	4.608217		
Predicted MQL:	15.360722		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.30228	-.302	.000	-.00005	.000	1
DCAL2	5000.0	5150.6	151.	3.01	.16875	.001	1
DCAL3	25000.	25999.	999.	4.00	.85178	.006	1
DCAL4	125000.	123740.	-1260.	-1.01	4.0542	.074	1
DCAL5	250000.	250110.	107.	.043	8.1943	.070	1

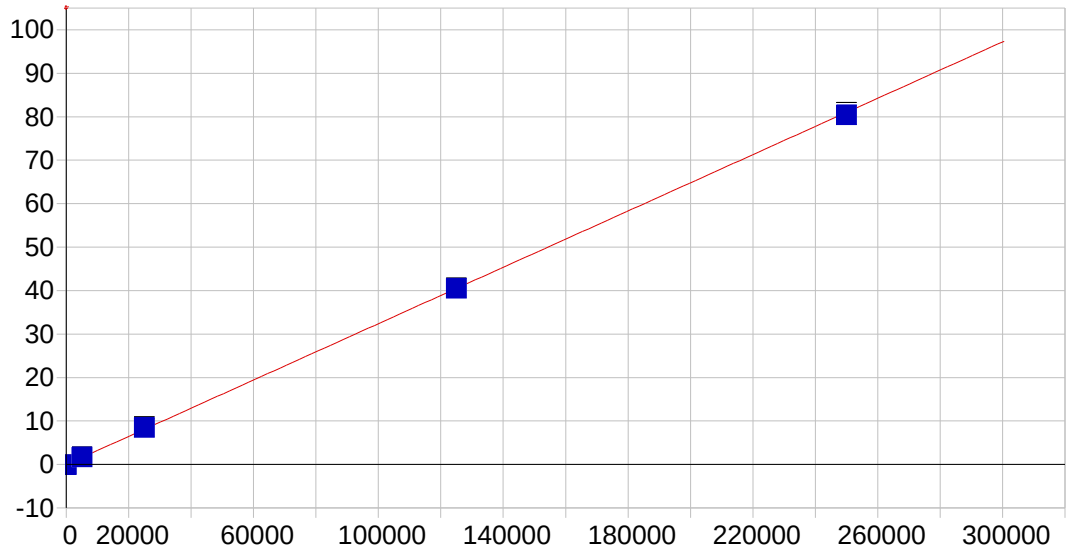


Mn 257.610 {131}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000056	Re-Slope:	1.000000
A1 (Gain):	0.001256	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000365		
Predicted MDL:	0.102639		
Predicted MQL:	0.342129		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00161	-.002	.000	-.00006	.000	1
DCAL2	15.000	16.007	1.01	6.72	.02005	.000	1
DCAL3	1000.0	1037.5	37.5	3.75	1.3027	.008	1
DCAL4	5000.0	5064.8	64.8	1.30	6.3596	.108	1
DCAL5	10000.	9896.7	-103.	-1.03	12.427	.073	1

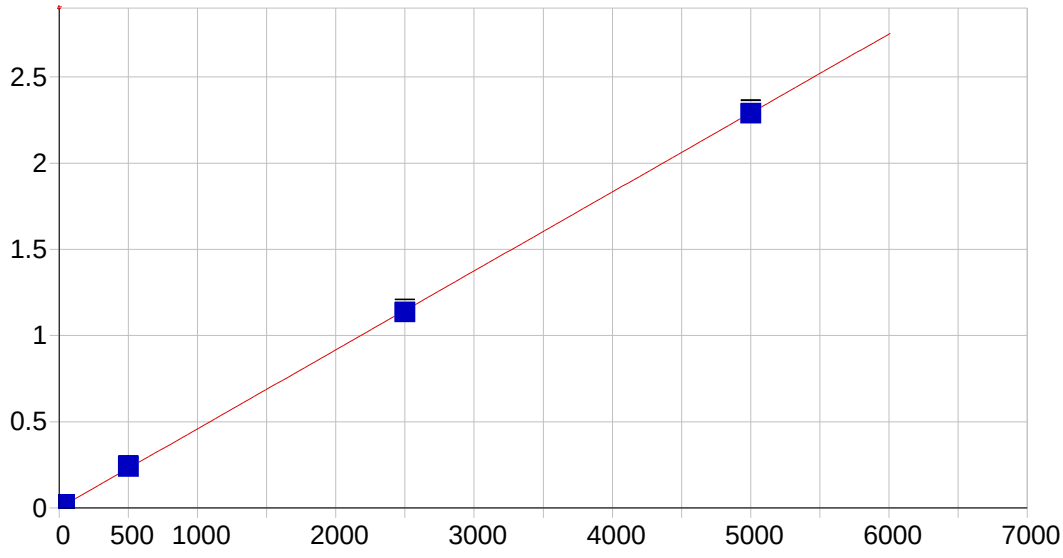


Na 589.592 { 57}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.031051	Re-Slope:	1.000000
A1 (Gain):	0.000324	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.009427		
Predicted MDL:	12.374460		
Predicted MQL:	41.248202		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.51407	-.514	.000	-.03122	.003	1
DCAL2	5000.0	5271.7	272.	5.43	1.6779	.034	1
DCAL3	25000.	26362.	1360.	5.45	8.5200	.171	1
DCAL4	125000.	125130.	133.	.106	40.560	.034	1
DCAL5	250000.	248230.	-1770.	-.706	80.493	.529	1

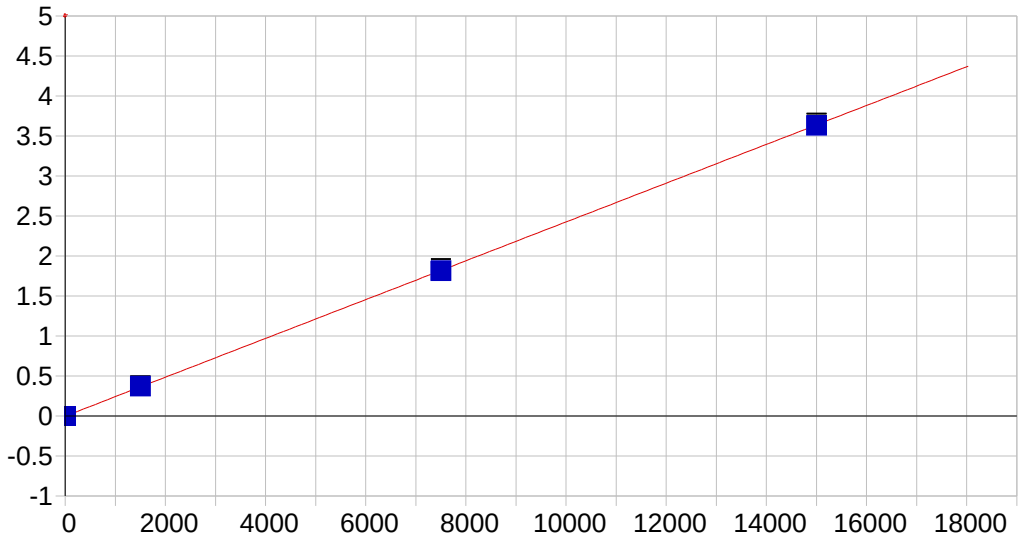


Ni 231.604 {446}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000694	Re-Slope:	1.000000
A1 (Gain):	0.000458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.717998		
Predicted MQL:	2.393326		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00114	-.001	.000	.00069	.000	1
DCAL1	10.000	10.387	.387	3.87	.00545	.000	1
DCAL2	40.000	41.586	1.59	3.96	.01974	.000	1
DCAL3	500.00	522.17	22.2	4.43	.24024	.003	1
DCAL4	2500.0	2478.9	-21.1	-.844	1.1380	.014	1
DCAL5	5000.0	4997.0	-3.03	-.061	2.2932	.017	1

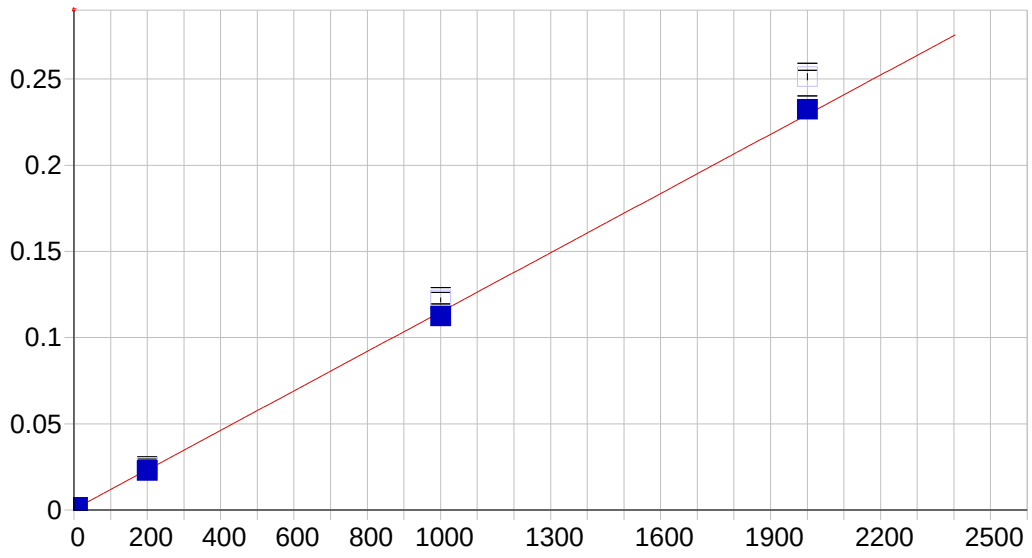


Pb 220.353 {453}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000799	Re-Slope:	1.000000
A1 (Gain):	0.000243	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	1.550628		
Predicted MQL:	5.168760		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00051	-.001	.000	-.00080	.000	1
DCAL2	5.0000	5.4197	.420	8.39	.00051	.000	1
DCAL3	1500.0	1531.6	31.6	2.11	.37014	.004	1
DCAL4	7500.0	7492.9	-7.12	-.095	1.8138	.023	1
DCAL5	15000.	14975.	-24.9	-.166	3.6258	.028	1

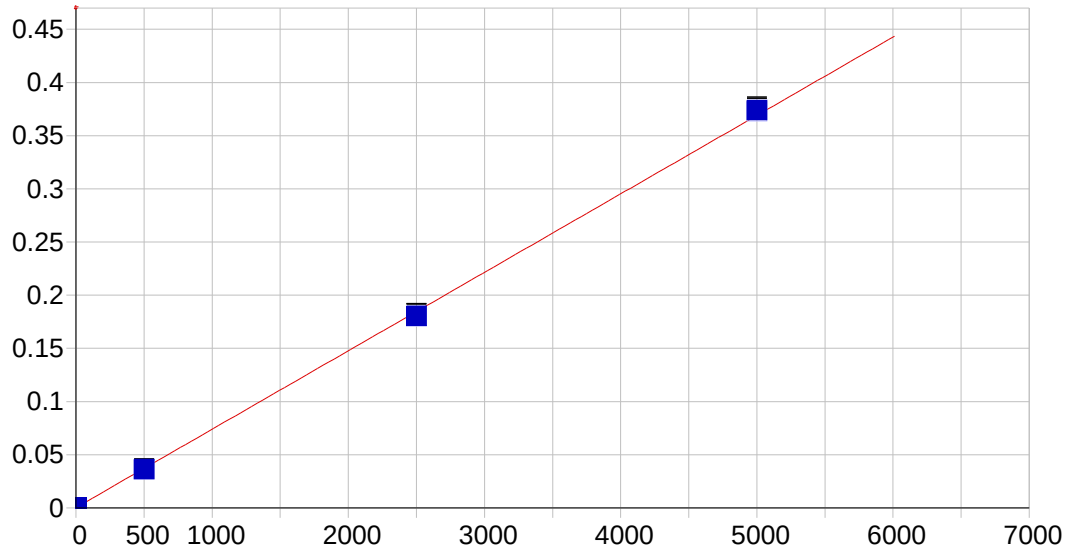


Sb 206.833 {463}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000387	Re-Slope:	1.000000
A1 (Gain):	0.000115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	2.703497		
Predicted MQL:	9.011656		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00085	.001	.000	.00039	.000	1
DCAL2	10.000	9.4235	-.577	-5.77	.00148	.000	1
DCAL3	200.00	196.35	-3.65	-1.83	.02476	.000	1
DCAL4	1000.0	978.23	-21.8	-2.18	.12187	.001	1
DCAL5	2000.0	2026.0	26.0	1.30	.25131	.002	1

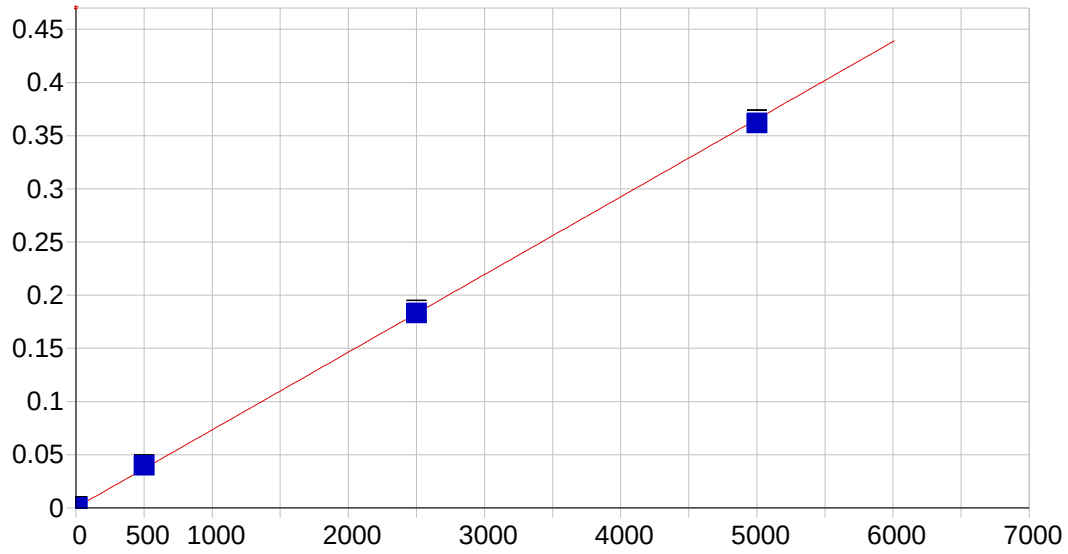


Se 196.090 {472}

Date of Fit:	9/21/2012 18:27:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000189	Re-Slope:	1.000000
A1 (Gain):	0.000074	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999824	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	2.919835		
Predicted MQL:	9.732784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00152	.002	.000	.00019	.000	1
DCAL2	5.0000	3.6365	-1.36	-27.3	.00045	.000	1
DCAL3	500.00	489.22	-10.8	-2.16	.03616	.000	1
DCAL4	2500.0	2443.9	-56.1	-2.24	.17988	.003	1
DCAL5	5000.0	5068.2	68.2	1.36	.37288	.003	1

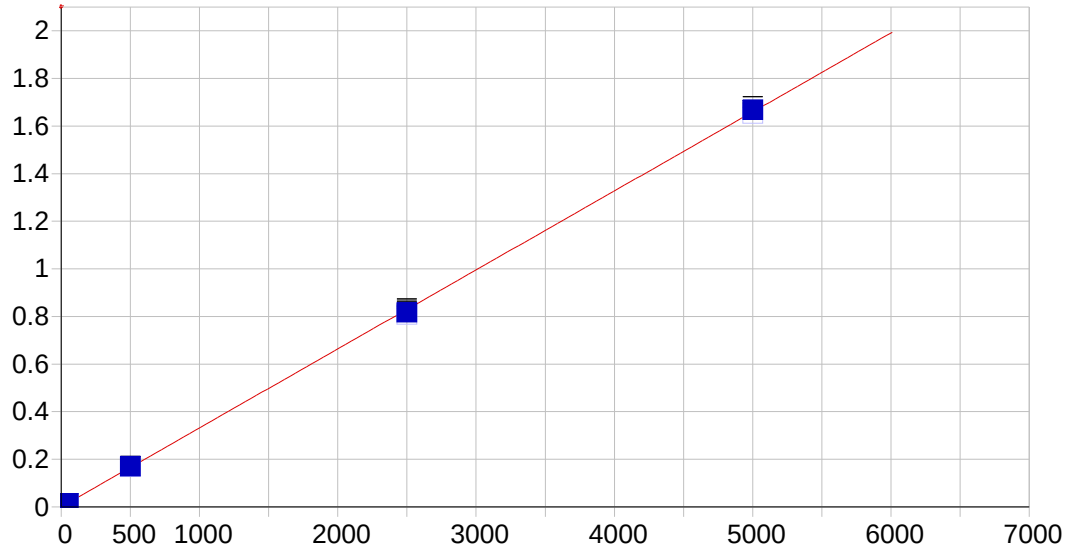


Tl 190.856 {477}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000350	Re-Slope:	1.000000
A1 (Gain):	0.000073	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999681	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	2.529005		
Predicted MQL:	8.430017		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00151	.002	.000	.00035	.000	1
DCAL2	10.000	7.6608	-2.34	-23.4	.00090	.000	1
DCAL3	500.00	545.26	45.3	9.05	.04011	.000	1
DCAL4	2500.0	2504.3	4.31	.172	.18294	.003	1
DCAL5	5000.0	4952.7	-47.3	-.945	.36145	.003	1

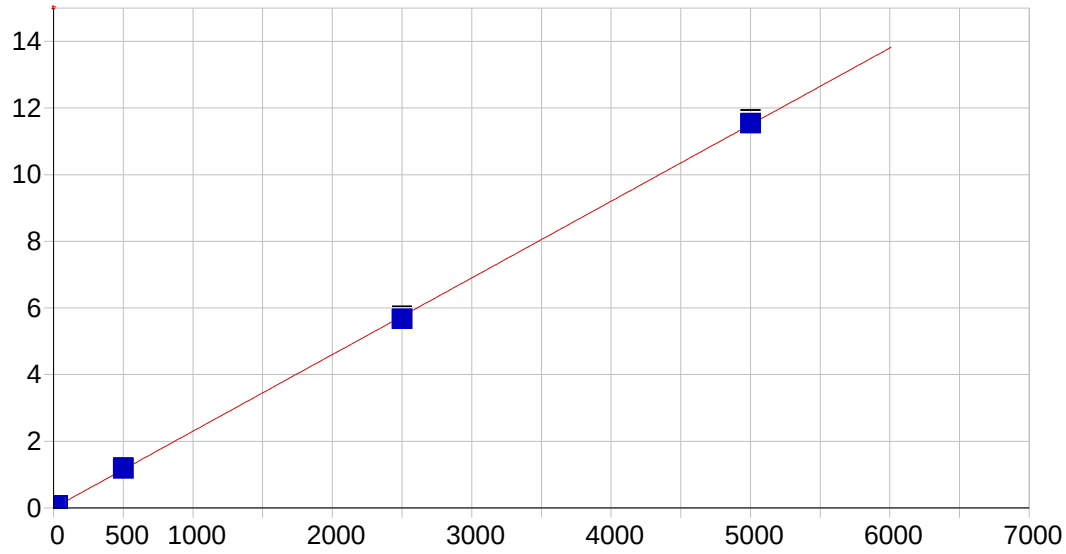


V 292.402 {115}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000139	Re-Slope:	1.000000
A1 (Gain):	0.000332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.588632		
Predicted MQL:	1.962108		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00001	-.000	.000	.00014	.000	1
DCAL2	50.000	49.238	-.762	-1.52	.01643	.000	1
DCAL3	500.00	512.87	12.9	2.57	.16869	.001	1
DCAL4	2500.0	2460.8	-39.2	-1.57	.80854	.015	1
DCAL5	5000.0	5027.1	27.1	.542	1.6520	.014	1

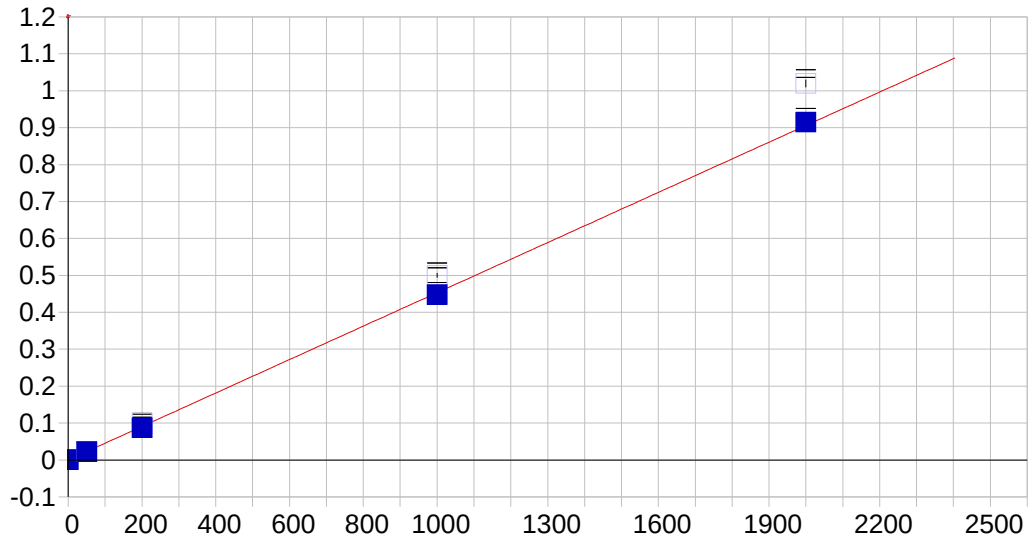


Zn 206.200 {463}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000575	Re-Slope:	1.000000
A1 (Gain):	0.002301	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000286		
Predicted MDL:	0.139497		
Predicted MQL:	0.464990		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00086	-.001	.000	.00057	.000	1
DCAL2	30.000	31.098	1.10	3.66	.07213	.001	1
DCAL3	500.00	515.24	15.2	3.05	1.1871	.013	1
DCAL4	2500.0	2466.2	-33.8	-1.35	5.6802	.074	1
DCAL5	5000.0	5017.2	17.2	.344	11.555	.097	1
DCAL1	10.000	10.292	.292	2.92	.02426	.000	1

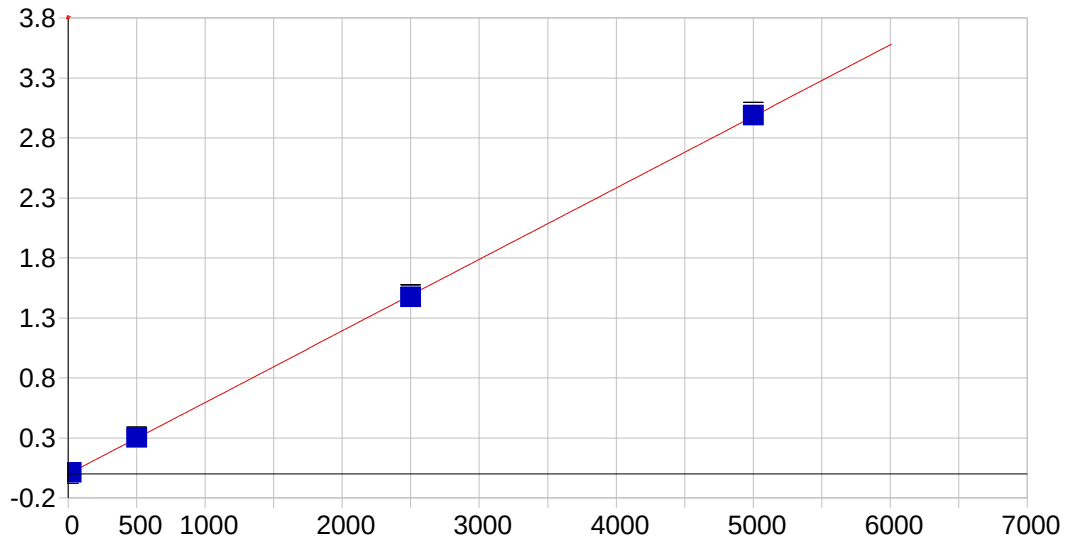


B 208.959 {461}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000208	Re-Slope:	1.000000
A1 (Gain):	0.000453	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.757321		
Predicted MQL:	2.524402		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00336	.003	.000	.00021	.000	1
DCAL2	50.000	48.472	-1.53	-3.06	.02257	.000	1
DCAL3	200.00	192.99	-7.01	-3.50	.09808	.001	1
DCAL4	1000.0	988.22	-11.8	-1.18	.50010	.006	1
DCAL5	2000.0	2020.2	20.2	1.01	1.0198	.010	1

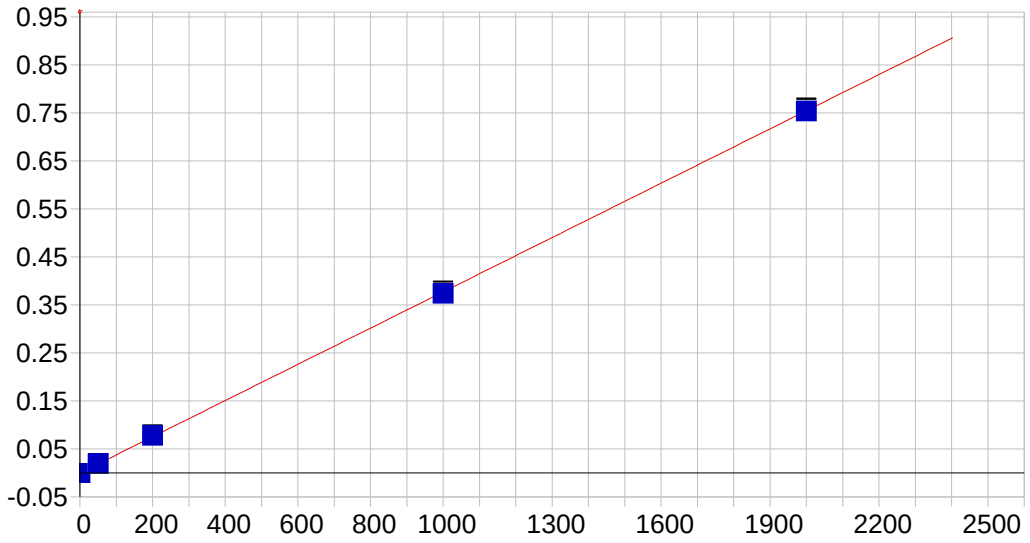


Mo 202.030 {467}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000026	Re-Slope:	1.000000
A1 (Gain):	0.000596	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.409854		
Predicted MQL:	1.366181		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00045	-.000	.000	-.00003	.000	1
DCAL2	20.000	20.186	.186	.929	.01200	.000	1
DCAL3	500.00	510.24	10.2	2.05	.30405	.003	1
DCAL4	2500.0	2473.8	-26.2	-1.05	1.4742	.020	1
DCAL5	5000.0	5015.8	15.8	.316	2.9891	.024	1

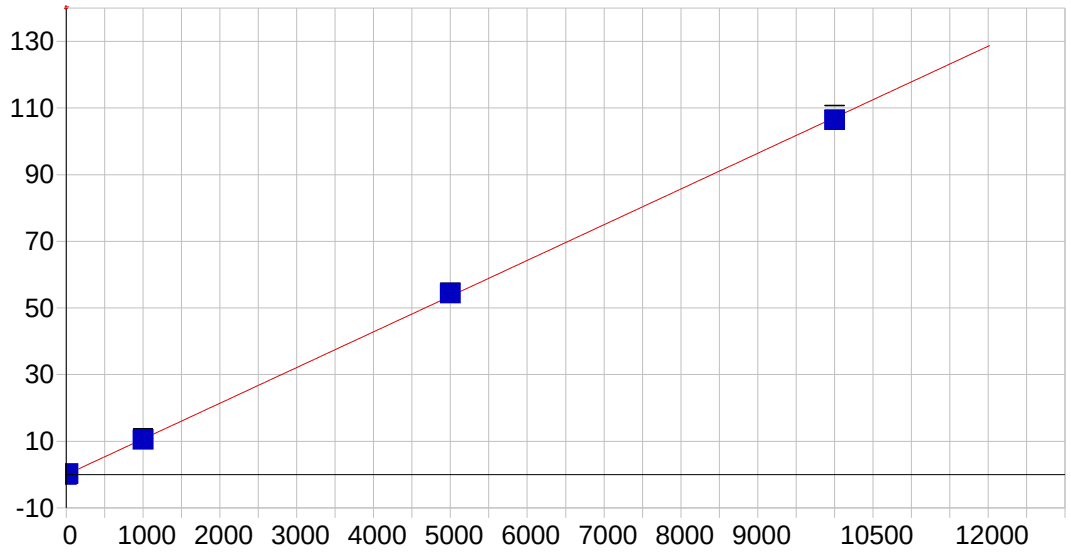


Sn 189.989 {477}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000254	Re-Slope:	1.000000
A1 (Gain):	0.000377	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.582118		
Predicted MQL:	1.940392		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00295	-.003	.000	-.00026	.000	1
DCAL2	50.000	51.460	1.46	2.92	.01916	.000	1
DCAL3	200.00	207.65	7.65	3.83	.07789	.001	1
DCAL4	1000.0	992.23	-7.77	-.777	.37310	.004	1
DCAL5	2000.0	1998.7	-1.34	-.067	.75182	.006	1

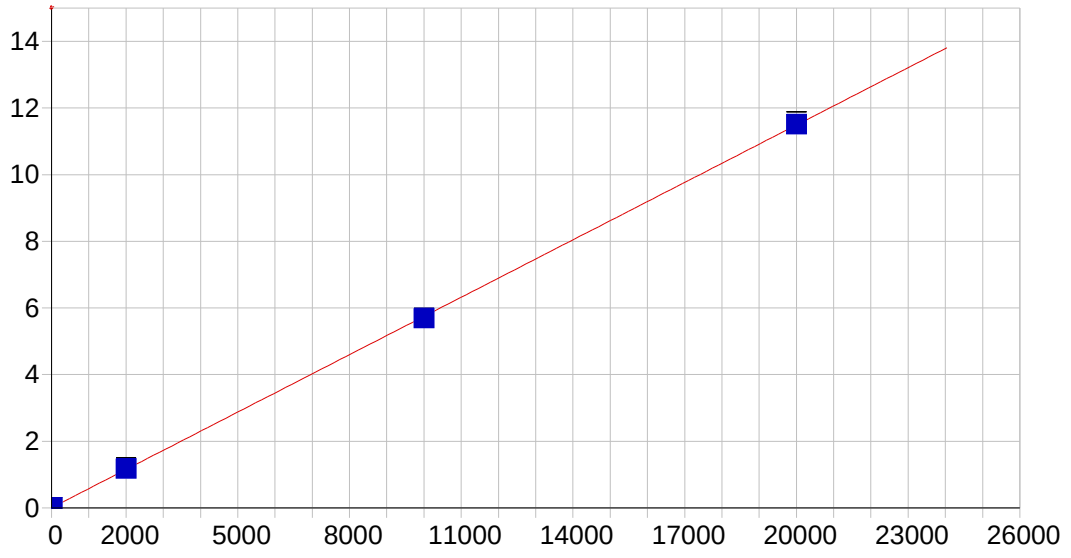


Sr 407.771 { 83}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001566	Re-Slope:	1.000000
A1 (Gain):	0.010716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.002667		
Predicted MDL:	0.158435		
Predicted MQL:	0.528117		

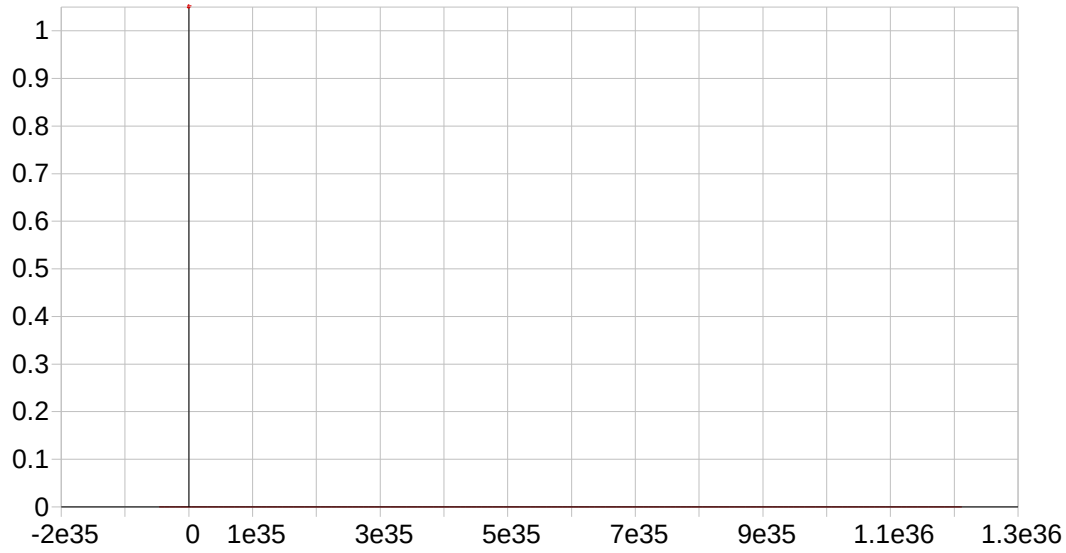
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00122	-.001	.000	.00155	.003	1
DCAL2	20.000	21.311	1.31	6.56	.23019	.005	1
DCAL3	1000.0	986.40	-13.6	-1.36	10.573	.211	1
DCAL4	5000.0	5076.7	76.7	1.53	54.407	.053	1
DCAL5	10000.	9935.6	-64.4	-.644	106.48	1.31	1



Ti 334.941 {101}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.005104		Re-Slope:	1.000000	
A1 (Gain):	0.000574		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999966		Status:	OK.	
Std Error of Est:	0.000155				
Predicted MDL:	1.949105				
Predicted MQL:	6.497016				

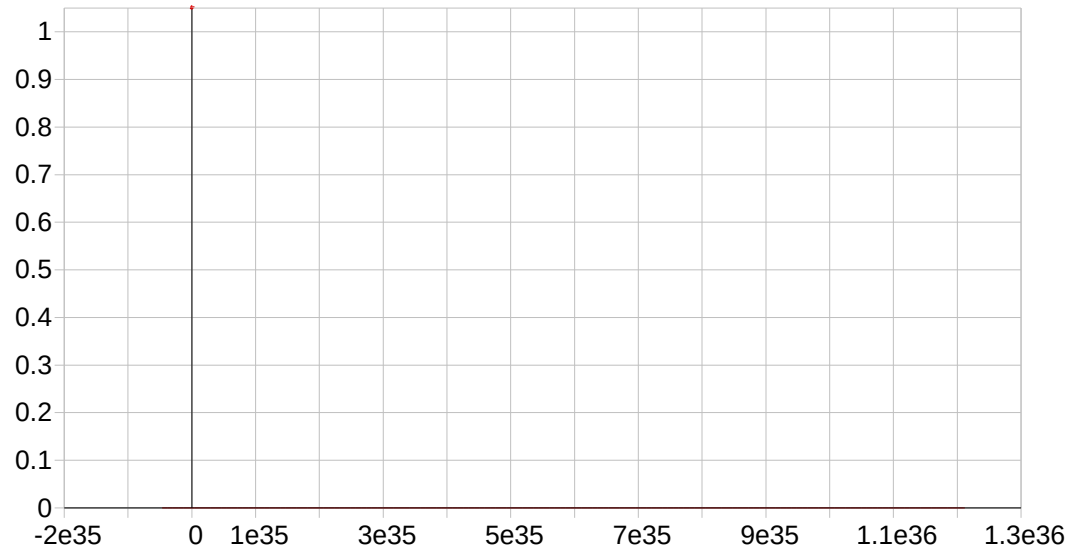
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00170	-.002	.000	.00510	.001	1
DCAL2	20.000	21.340	1.34	6.70	.01737	.001	1
DCAL3	2000.0	2050.2	50.2	2.51	1.1831	.023	1
DCAL4	10000.	9912.4	-87.6	-.876	5.7007	.006	1
DCAL5	20000.	20036.	36.1	.180	11.518	.076	1



Y 224.306 {450}*

Date of Fit:	9/21/2012 17:39:24	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	183.492520				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

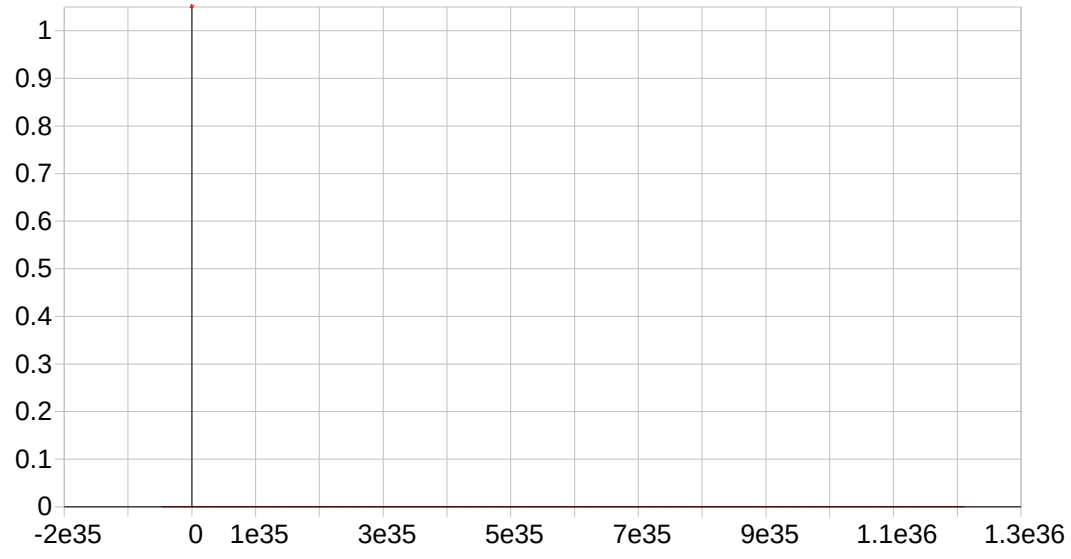
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

Date of Fit:	9/21/2012 17:39:24	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

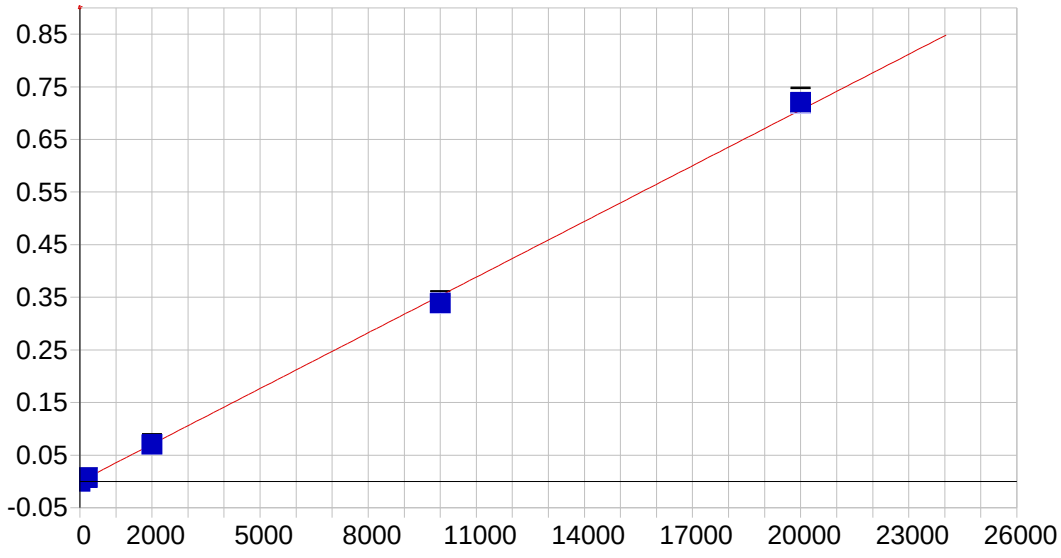


Y 371.030 { 91}*

Date of Fit:	9/21/2012 17:39:24	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	192.759705				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	9/21/2012 18:27:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000120	Re-Slope:	1.000000
A1 (Gain):	0.000035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999623	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	23.037737		
Predicted MQL:	76.792458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00623	.006	.000	.00012	.001	1
DCAL2	200.00	198.45	-1.55	-.776	.00712	.001	1
DCAL3	2000.0	1992.0	-8.02	-.401	.07016	.001	1
DCAL4	10000.	9603.0	-397.	-3.97	.33770	.005	1
DCAL5	20000.	20407.	407.	2.03	.71765	.010	1

Sample Name: CAL_BLK Acquired: 9/21/2012 18:02:58 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0032**	**.0000**	**-.0002**	**-.0004**	**-.0042**	**.0004**
Stddev	.0011	.0003	.0003	.0001	.0003	.0001
%RSD	34.41	655.2	162.9	23.22	6.901	16.35
#1	-.0021	-.0002	-.0002	-.0004	-.0040	.0003
#2	-.0032	.0000	.0001	-.0003	-.0045	.0004
#3	-.0043	.0003	-.0004	-.0005	-.0042	.0005

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	**-.0021**	**.0042**	**.0002**	**.0040**	**.0001**	**.0189**
Stddev	.0003	.0002	.0002	.0013	.0001	.0038
%RSD	12.74	5.152	94.34	31.44	105.3	19.95
#1	-.0019	.0040	.0002	.0033	.0000	.0215
#2	-.0020	.0043	.0004	.0055	.0001	.0206
#3	-.0024	.0044	.0000	.0033	.0003	.0146

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**	**-.0312**	**.0007**	**-.0008**	**.0004**
Stddev	.0001	.0000	.0027	.0004	.0004	.0001
%RSD	213.7	18.10	8.719	51.55	51.43	17.76
#1	-.0000	-.0001	-.0292	.0003	-.0012	.0003
#2	.0000	-.0001	-.0301	.0008	-.0008	.0004
#3	-.0002	-.0000	-.0343	.0010	-.0004	.0004

Sample Name: CAL_BLK Acquired: 9/21/2012 18:02:58 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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**	**.0004**	**.0001**	**.0006**	**.0002**	**-.0000**
Stddev	.0001	.0002	.0001	.0003	.0002	.0003
%RSD	56.33	46.64	37.58	60.56	115.5	1070.
#1	.0002	.0003	.0001	.0003	.0004	.0003
#2	.0003	.0002	.0001	.0004	-.0000	-.0003
#3	.0001	.0005	.0002	.0010	.0002	-.0001

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	**-.0003**	**.0016**	**.0051**	**.0001**
Stddev	.0001	.0035	.0006	.0007
%RSD	44.60	222.6	12.20	553.0
#1	-.0002	-.0024	.0057	.0008
#2	-.0002	.0035	.0052	-.0005
#3	-.0004	.0036	.0044	-.0000

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	**3899.5**	**38158.**	**4092.6**
Stddev	24.8	45.	65.2
%RSD	.63623	.11722	1.5930
#1	3882.1	38112.	4037.7
#2	3927.9	38201.	4075.4
#3	3888.5	38160.	4164.7

Sample Name: DCAL1 Acquired: 9/21/2012 18:07:16 Type: Cal
Method: SW846_092112 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	**.0055**	**.0011**	**.0055**	**.0243**
Stddev	.0005	.0001	.0002	.0004
%RSD	8.721	5.293	3.495	1.693
#1	.0050	.0012	.0057	.0242
#2	.0060	.0011	.0054	.0247
#3	.0055	.0011	.0053	.0239

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	**3872.8**	**38090.**	**4101.1**
Stddev	20.5	124.	44.5
%RSD	.52977	.32675	1.0862
#1	3893.6	38167.	4130.2
#2	3852.6	38155.	4049.8
#3	3872.2	37946.	4123.3

Sample Name: DCAL2 Acquired: 9/21/2012 18:11:35 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0130**	**.0010**	**.0028**	**.1997**	**.0076**	**.0331**
Stddev	.0020	.0002	.0004	.0008	.0013	.0001
%RSD	15.52	21.12	13.75	.4097	17.52	.2753
#1	.0152	.0008	.0032	.1993	.0080	.0331
#2	.0123	.0009	.0024	.1992	.0087	.0331
#3	.0114	.0012	.0027	.2006	.0061	.0332

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	**.0091**	**.0785**	**.0025**	**.0092**	**.0016**	**.4691**
Stddev	.0004	.0002	.0001	.0011	.0001	.0093
%RSD	4.356	.3115	3.570	11.52	5.681	1.989
#1	.0089	.0783	.0024	.0094	.0017	.4784
#2	.0088	.0785	.0024	.0101	.0017	.4693
#3	.0095	.0788	.0025	.0081	.0016	.4597

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	**.1688**	**.0200**	**1.678**	**.0197**	**.0005**	**.0015**
Stddev	.0007	.0001	.034	.0003	.0001	.0001
%RSD	.4255	.4774	2.014	1.376	10.79	6.946
#1	.1689	.0202	1.716	.0195	.0005	.0016
#2	.1680	.0200	1.666	.0200	.0006	.0014
#3	.1694	.0200	1.652	.0197	.0005	.0015

Sample Name: DCAL2 Acquired: 9/21/2012 18:11:35 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.0005**	**.0009**	**.0164**	**.0721**	**.0226**	**.0120**
Stddev	.0000	.0002	.0002	.0005	.0001	.0001
%RSD	5.519	19.26	1.364	.7016	.5877	1.167
#1	.0004	.0008	.0164	.0715	.0227	.0120
#2	.0005	.0011	.0162	.0724	.0225	.0119
#3	.0004	.0008	.0167	.0725	.0225	.0121

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	**.0192**	**.2302**	**.0174**	**.0071**
Stddev	.0002	.0048	.0008	.0009
%RSD	.8104	2.080	4.354	12.30
#1	.0193	.2357	.0173	.0079
#2	.0190	.2279	.0181	.0062
#3	.0191	.2270	.0166	.0074

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	**3865.8**	**38148.**	**4119.1**
Stddev	9.1	67.	64.7
%RSD	.23566	.17638	1.5705
#1	3872.1	38200.	4047.4
#2	3869.9	38173.	4136.9
#3	3855.3	38072.	4173.1

Sample Name: DCAL3 Acquired: 9/21/2012 18:15:49 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.272**	**.0635**	**.0752**	**2.021**	**1.105**	**.1656**
Stddev	.051	.0006	.0006	.022	.020	.0016
%RSD	2.221	.9116	.7524	1.093	1.801	.9660
#1	2.221	.0630	.0748	2.001	1.086	.1639
#2	2.273	.0641	.0759	2.045	1.104	.1670
#3	2.322	.0633	.0750	2.016	1.126	.1660

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	**.6873**	**.7604**	**.2033**	**.4344**	**.2014**	**.9205**
Stddev	.0079	.0092	.0012	.0085	.0015	.0188
%RSD	1.152	1.206	.6118	1.958	.7486	2.041
#1	.6802	.7520	.2023	.4251	.2000	.9030
#2	.6958	.7702	.2047	.4361	.2030	.9183
#3	.6859	.7591	.2029	.4419	.2012	.9403

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	**.8518**	**1.303**	**8.520**	**.2402**	**.3701**	**.0248**
Stddev	.0057	.008	.171	.0028	.0044	.0003
%RSD	.6737	.6327	2.007	1.181	1.193	1.298
#1	.8463	1.294	8.345	.2378	.3662	.0244
#2	.8577	1.310	8.529	.2433	.3749	.0250
#3	.8513	1.304	8.686	.2396	.3693	.0249

Sample Name: DCAL3 Acquired: 9/21/2012 18:15:49 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.0362**	**.0401**	**.1687**	**1.187**	**.0981**	**.3040**
Stddev	.0003	.0004	.0010	.013	.0013	.0034
%RSD	.9532	1.070	.6223	1.096	1.322	1.115
#1	.0363	.0397	.1678	1.176	.0966	.3009
#2	.0364	.0405	.1698	1.201	.0992	.3076
#3	.0358	.0401	.1685	1.184	.0984	.3037

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	**.0779**	**10.57**	**1.183**	**.0702**
Stddev	.0005	.21	.022	.0009
%RSD	.6997	1.992	1.904	1.328
#1	.0774	10.36	1.160	.0692
#2	.0785	10.58	1.184	.0703
#3	.0778	10.78	1.205	.0710

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	**3722.0**	**36090.**	**4026.1**
Stddev	25.7	259.	69.1
%RSD	.68951	.71688	1.7164
#1	3743.6	36272.	4088.5
#2	3693.6	35794.	4037.9
#3	3728.6	36205.	3951.8

Sample Name: DCAL4 Acquired: 9/21/2012 18:19:54 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11.15**	**.3170**	**.3677**	**9.650**	**5.567**	**.8233**
Stddev	.01	.0043	.0067	.128	.007	.0084
%RSD	.1101	1.357	1.831	1.321	.1225	1.017
#1	11.14	.3138	.3606	9.549	5.567	.8181
#2	11.16	.3219	.3687	9.793	5.561	.8330
#3	11.15	.3152	.3739	9.607	5.574	.8189

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	**3.303**	**3.588**	**1.018**	**2.206**	**.9565**	**4.446**
Stddev	.043	.045	.018	.003	.0166	.013
%RSD	1.286	1.265	1.771	.1344	1.737	.2957
#1	3.269	3.551	.9996	2.202	.9393	4.432
#2	3.350	3.639	1.020	2.207	.9577	4.450
#3	3.288	3.574	1.036	2.208	.9725	4.457

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	**4.054**	**6.360**	**40.56**	**1.138**	**1.814**	**.1219**
Stddev	.074	.108	.03	.014	.023	.0014
%RSD	1.830	1.692	.0843	1.265	1.284	1.189
#1	3.977	6.249	40.52	1.126	1.795	.1206
#2	4.061	6.366	40.59	1.154	1.840	.1235
#3	4.125	6.464	40.57	1.134	1.806	.1215

Sample Name: DCAL4 Acquired: 9/21/2012 18:19:54 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.1799**	**.1829**	**.8085**	**5.680**	**.5001**	**1.474**
Stddev	.0025	.0029	.0148	.074	.0065	.020
%RSD	1.395	1.564	1.835	1.302	1.290	1.336
#1	.1781	.1811	.7932	5.619	.4946	1.458
#2	.1827	.1862	.8095	5.763	.5072	1.496
#3	.1788	.1815	.8229	5.659	.4985	1.468

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	**.3731**	**54.41**	**5.701**	**.3377**
Stddev	.0045	.05	.006	.0047
%RSD	1.202	.0971	.0992	1.403
#1	.3696	54.40	5.694	.3327
#2	.3782	54.46	5.703	.3421
#3	.3715	54.36	5.705	.3383

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	**3526.9**	**34288.**	**3971.2**
Stddev	23.7	333.	36.6
%RSD	.67319	.97169	.92180
#1	3544.4	34616.	3929.4
#2	3499.9	34298.	3986.7
#3	3536.4	33950.	3997.5

Sample Name: DCAL5 Acquired: 9/21/2012 18:23:50 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**22.76**	**.6582**	**.7622**	**19.43**	**11.20**	**1.695**
Stddev	.16	.0039	.0068	.15	.07	.009
%RSD	.7067	.5902	.8965	.7531	.6623	.5214
#1	22.92	.6540	.7620	19.27	11.27	1.691
#2	22.60	.6592	.7692	19.44	11.12	1.688
#3	22.77	.6616	.7555	19.57	11.21	1.705

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	**6.693**	**7.266**	**2.061**	**4.468**	**1.925**	**9.083**
Stddev	.051	.063	.016	.033	.016	.080
%RSD	.7553	.8637	.7727	.7304	.8279	.8807
#1	6.640	7.200	2.058	4.503	1.921	9.161
#2	6.696	7.273	2.078	4.439	1.942	9.001
#3	6.741	7.325	2.047	4.462	1.911	9.086

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	**8.194**	**12.43**	**80.49**	**2.293**	**3.626**	**.2513**
Stddev	.070	.07	.53	.017	.028	.0021
%RSD	.8538	.5906	.6576	.7389	.7677	.8191
#1	8.177	12.50	80.98	2.276	3.597	.2492
#2	8.271	12.42	79.93	2.295	3.627	.2514
#3	8.134	12.36	80.56	2.309	3.653	.2533

Sample Name: DCAL5 Acquired: 9/21/2012 18:23:50 Type: Cal
Method: SW846_092112 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**.3729**	**.3614**	**1.652**	**11.56**	**1.020**	**2.989**
Stddev	.0031	.0028	.014	.10	.010	.024
%RSD	.8231	.7881	.8353	.8387	1.004	.8136
#1	.3697	.3584	1.650	11.46	1.009	2.965
#2	.3732	.3618	1.667	11.56	1.022	2.990
#3	.3758	.3641	1.639	11.65	1.029	3.013

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	**.7518**	**106.5**	**11.52**	**.7177**
Stddev	.0064	1.3	.08	.0100
%RSD	.8468	1.227	.6609	1.396
#1	.7456	108.0	11.59	.7096
#2	.7515	105.5	11.44	.7145
#3	.7583	106.0	11.52	.7289

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	**3354.8**	**33126.**	**3935.7**
Stddev	22.3	154.	34.8
%RSD	.66562	.46345	.88353
#1	3377.1	33080.	3898.6
#2	3355.0	33002.	3940.9
#3	3332.4	33298.	3967.5

Sample Name: CCV Acquired: 9/21/2012 18:28:03 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122500.**	**2507.**	**1233.**	**10010.**	**987.1**	**129000.**
Stddev	1019.	12.	22.	24.	9.2	1179.
%RSD	.8315	.4764	1.743	.2361	.9332	.9145
#1	121500.	2493.	1215.	9988.	979.1	128000.
#2	122400.	2514.	1228.	10020.	985.1	130300.
#3	123600.	2514.	1257.	10030.	997.1	128600.
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	**1260.**	**2508.**	**5047.**	**12380.**	**100800.**	**49270.**
Stddev	4.	6.	103.	136.	2009.	518.
%RSD	.2969	.2446	2.042	1.100	1.993	1.050
#1	1256.	2501.	4958.	12250.	99110.	48750.
#2	1261.	2508.	5024.	12360.	100300.	49280.
#3	1263.	2514.	5160.	12520.	103000.	49780.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 18:28:03 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**125900.**	**5155.**	**124800.**	**2525.**	**7665.**	**1003.**
Stddev	2509.	101.	1133.	7.	23.	3.
%RSD	1.994	1.968	.9074	.2843	.2949	.2525
#1	123700.	5068.	123800.	2517.	7641.	1000.
#2	125200.	5131.	124600.	2527.	7668.	1005.
#3	128600.	5267.	126000.	2532.	7686.	1004.
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	**2486.**	**2551.**	**2481.**	**2487.**	**995.8**	**2520.**
Stddev	11.	11.	51.	7.	3.7	7.
%RSD	.4619	.4314	2.060	.2975	.3719	.2866
#1	2478.	2539.	2439.	2479.	991.5	2511.
#2	2480.	2552.	2467.	2489.	997.4	2525.
#3	2499.	2561.	2538.	2493.	998.4	2523.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 18:28:03 Type: QC
Method: SW846_092112 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	**1010.**	**5065.**	**9953.**	**9622.**
Stddev	2.	48.	95.	168.
%RSD	.2149	.9476	.9587	1.745
#1	1008.	5019.	9866.	9484.
#2	1011.	5061.	9937.	9574.
#3	1012.	5115.	10050.	9809.
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	**3504.8**	**34146.**	**3984.5**
Stddev	2.4	402.	19.5
%RSD	.06765	1.1772	.48829
#1	3506.8	34431.	3962.2
#2	3505.5	34321.	3993.3
#3	3502.2	33686.	3998.0

Sample Name: CCB Acquired: 9/21/2012 18:31:59 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-34.45**	**1.099**	**.0868**	**.3880**	**.1415**	**24.13**
Stddev	11.65	.333	.3483	.1901	.1037	10.06
%RSD	33.81	30.33	401.4	48.99	73.27	41.71
#1	-29.35	1.333	-.1356	.6072	.2607	13.07
#2	-26.22	.7175	-.0923	.2892	.0727	32.75
#3	-47.77	1.247	.4881	.2677	.0910	26.57
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	**-.0473**	**-.0133**	**.3984**	**1.639**	**-3.785**	**169.4**
Stddev	.0507	.2853	.0697	.997	1.448	77.8
%RSD	107.3	2147.	17.50	60.83	38.25	45.95
#1	-.0304	.3130	.3981	2.660	-2.669	243.0
#2	-.1043	-.1371	.4683	.6672	-3.265	177.4
#3	-.0072	-.2158	.3288	1.591	-5.421	87.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 18:31:59 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**4.921**	**.2993**	**81.49**	**.0623**	**.6459**	**-.1315**
Stddev	2.336	.2613	32.73	.8781	1.991	2.019
%RSD	47.47	87.31	40.16	1411.	308.2	1536.
#1	7.619	.6010	117.8	-.9330	1.797	1.686
#2	3.589	.1494	72.34	.7278	1.793	-2.304
#3	3.556	.1474	54.32	.3920	-1.653	.2237
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	**-2.450**	**.7330**	**-.4316**	**.0460**	**3.599**	**1.250**
Stddev	1.629	1.214	.3829	.1260	1.292	.592
%RSD	66.50	165.6	88.71	273.7	35.90	47.34
#1	-1.947	2.074	-.3583	.1744	5.021	1.898
#2	-1.132	-.2919	-.8459	.0411	3.279	.7387
#3	-4.271	.4174	-.0907	-.0774	2.497	1.112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 18:31:59 Type: QC
Method: SW846_092112 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	**.2079**	**.4813**	**1.637**	**8.943**
Stddev	.5335	.4444	.392	26.74
%RSD	256.6	92.34	23.91	299.0
#1	.7441	.9821	1.924	-2.536
#2	.2026	.3278	1.191	-10.14
#3	-.3230	.1340	1.797	39.51
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	**3798.9**	**38133.**	**4077.1**
Stddev	35.8	389.	19.2
%RSD	.94110	1.0192	.47126
#1	3815.8	38547.	4095.8
#2	3823.2	37776.	4057.4
#3	3757.9	38076.	4078.3

Sample Name: ICSA 1552029 Acquired: 9/21/2012 18:36:17 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**512200.**	**-1.503**	**-1.229**	**.2848**	**-.0097**	**487900.**
Stddev	3166.	5.129	.970	.2585	.2065	7795.
%RSD	.6181	341.2	78.92	90.79	2139.	1.598
#1	515500.	1.537	-1.715	.5719	-.0046	480200.
#2	509200.	1.379	-1.859	.0706	.1942	487700.
#3	511900.	-7.425	-.1121	.2118	-.2186	495800.
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	**-1.955**	**-1.051**	**.8601**	**-.9843**	**201900.**	**365.8**
Stddev	.132	.378	.7484	1.163	3830.	72.7
%RSD	6.727	35.91	87.02	118.2	1.897	19.87
#1	-1.967	-.7769	.1065	-2.327	199900.	415.8
#2	-2.079	-.8954	1.603	-.3432	199400.	399.3
#3	-1.817	-1.482	.8706	-.2828	206300.	282.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 9/21/2012 18:36:17 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**500100.**	**-.6755**	**78.91**	**-2.351**	**2.097**	**-4.650**
Stddev	10550.	.1917	64.30	.534	3.721	3.017
%RSD	2.109	28.38	81.49	22.70	177.5	64.89
#1	488200.	-.7412	4.661	-2.956	5.365	-1.247
#2	503800.	-.4595	116.6	-1.949	2.877	-5.705
#3	508400.	-.8257	115.5	-2.147	-1.953	-6.998
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	**-4.828**	**1.094**	**1.644**	**.4135**	**.6421**	**-.9644**
Stddev	2.286	2.415	.369	.0770	1.221	.3703
%RSD	47.35	220.8	22.45	18.63	190.1	38.40
#1	-7.269	2.885	1.518	.3971	2.051	-.7370
#2	-4.480	2.049	1.354	.4975	-.0185	-1.392
#3	-2.737	-1.653	2.059	.3461	-.1062	-.7645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 9/21/2012 18:36:17 Type: QC
Method: SW846_092112 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	**-3.104**	**-.1786**	**-.1544**	**5.709**
Stddev	.722	.1326	1.831	21.88
%RSD	23.26	74.22	1186.	383.3
#1	-3.470	-.1490	-1.836	29.71
#2	-3.569	-.0634	1.796	-13.14
#3	-2.272	-.3235	-.4231	.5569
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	**3395.6**	**32566.**	**3919.6**
Stddev	32.7	473.	28.8
%RSD	.96292	1.4516	.73500
#1	3425.8	32912.	3887.4
#2	3400.2	32758.	3928.4
#3	3360.9	32027.	3943.0

Sample Name: ICSAB 1604491 Acquired: 9/21/2012 18:40:35 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**507600.**	**96.33**	**101.4**	**99.02**	**99.62**	**479000.**
Stddev	5558.	1.66	1.0	.18	.96	5797.
%RSD	1.095	1.722	1.009	.1780	.9656	1.210
#1	513400.	95.65	100.2	98.84	100.5	485300.
#2	502400.	98.22	102.0	99.20	98.58	477900.
#3	506800.	95.12	102.0	99.03	99.78	473900.
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	**95.78**	**96.00**	**99.58**	**97.58**	**200400.**	**10720.**
Stddev	.31	.18	.14	6.00	1375.	143.
%RSD	.3242	.1903	.1409	6.147	.6859	1.333
#1	96.01	96.20	99.70	104.5	198900.	10880.
#2	95.90	95.85	99.42	93.96	201700.	10590.
#3	95.43	95.96	99.61	94.28	200600.	10700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 9/21/2012 18:40:35 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**497300.**	**101.9**	**10840.**	**94.40**	**99.85**	**97.70**
Stddev	3472.	.5	63.	.94	3.26	2.69
%RSD	.6983	.5213	.5832	.9957	3.266	2.753
#1	493600.	101.4	10900.	95.20	103.6	95.51
#2	497700.	102.4	10770.	94.63	97.67	100.7
#3	500500.	101.8	10850.	93.36	98.29	96.90
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	**90.78**	**92.32**	**100.4**	**96.27**	**96.62**	**97.49**
Stddev	2.20	1.32	.5	.25	.84	.34
%RSD	2.421	1.430	.4930	.2577	.8663	.3491
#1	92.41	92.35	99.96	96.09	97.54	97.39
#2	91.64	90.98	100.9	96.56	96.39	97.87
#3	88.28	93.62	100.3	96.17	95.92	97.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 9/21/2012 18:40:35 Type: QC
Method: SW846_092112 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	**91.91**	**102.2**	**98.79**	**50.90**
Stddev	.46	1.2	1.50	13.49
%RSD	.4986	1.160	1.517	26.50
#1	92.07	103.4	100.5	47.28
#2	92.28	101.1	97.84	65.82
#3	91.40	102.0	98.02	39.59
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	**3418.0**	**32744.**	**3864.0**
Stddev	8.5	281.	11.9
%RSD	.24832	.85862	.30808
#1	3426.9	33060.	3851.2
#2	3416.9	32653.	3866.0
#3	3410.1	32520.	3874.8

Sample Name: INT-10 1717509 Acquired: 9/21/2012 18:44:48 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.098**	**-2.572**	**-3.232**	**-1.974**	**-.2394**	**52.55**
Stddev	67.30	.127	.815	.300	.0765	37.86
%RSD	6132.	4.937	25.22	15.19	31.95	72.05
#1	75.55	-2.428	-2.829	-1.982	-.2172	96.24
#2	-50.51	-2.669	-2.698	-2.269	-.1765	32.08
#3	-28.33	-2.618	-4.171	-1.670	-.3246	29.34
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	**-1.350**	**10780.**	**10460.**	**-1.076**	**-5.951**	**-.5322**
Stddev	.039	20.	172.	2.515	22.55	23.10
%RSD	2.864	.1869	1.642	233.7	379.0	4340.
#1	-1.323	10800.	10510.	1.569	5.080	-5.098
#2	-1.332	10760.	10270.	-1.361	-31.89	24.51
#3	-1.394	10770.	10610.	-3.436	8.962	-21.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1717509 Acquired: 9/21/2012 18:44:48 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**8.157**	**10640.**	**69.94**	**10770.**	**-1.532**	**-9.006**
Stddev	17.54	171.	26.47	20.	.957	.426
%RSD	215.1	1.608	37.86	.1885	62.48	4.733
#1	26.14	10750.	99.15	10790.	-.7209	-8.988
#2	7.236	10440.	47.54	10750.	-2.588	-8.590
#3	-8.908	10720.	63.11	10770.	-1.288	-9.442
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	**-.3901**	**-11.90**	**4963.**	**1.954**	**5.016**	**5092.**
Stddev	.2392	1.07	82.	.054	.290	13.
%RSD	61.32	9.006	1.652	2.773	5.775	.2468
#1	-.1720	-11.34	4991.	1.999	4.995	5107.
#2	-.3525	-13.13	4871.	1.894	4.737	5083.
#3	-.6460	-11.22	5027.	1.968	5.315	5087.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1717509 Acquired: 9/21/2012 18:44:48 Type: QC
Method: SW846_092112 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	**10420.**	**10310.**	**10100.**	**9641.**
Stddev	28.	4.	131.	90.
%RSD	.2706	.0421	1.298	.9298
#1	10450.	10310.	10140.	9546.
#2	10400.	10320.	10200.	9654.
#3	10400.	10310.	9947.	9723.
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	**3798.3**	**37605.**	**4057.6**
Stddev	3.2	400.	40.2
%RSD	.08424	1.0644	.98990
#1	3795.5	37318.	4048.9
#2	3801.8	38062.	4022.4
#3	3797.8	37435.	4101.4

Sample Name: 460-44645-a-2-b du Acquired: 9/21/2012 18:49:15 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-15.15**	**3.191**	**.0736**	**21.65**	**-.0286**	**25110.**
Stddev	29.86	1.393	.0993	.16	.1560	75.
%RSD	197.1	43.66	134.9	.7384	546.2	.2991
#1	-34.31	3.568	.0180	21.48	-.1767	25030.
#2	-30.39	4.357	.0145	21.66	-.0433	25120.
#3	19.25	1.648	.1882	21.80	.1343	25180.
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	**-.0937**	**.4898**	**.8050**	**-3.922**	**22.72**	**661.5**
Stddev	.1789	.2226	.2165	4.396	11.07	29.7
%RSD	190.9	45.45	26.90	112.1	48.75	4.487
#1	-.1670	.6728	1.038	-8.693	33.31	678.2
#2	.1102	.2420	.6098	-3.038	23.61	679.1
#3	-.2242	.5547	.7673	-.0363	11.22	627.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44645-a-2-b du Acquired: 9/21/2012 18:49:15 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**6126.**	**32.11**	**30610.**	**1.819**	**1.303**	**-3.629**
Stddev	72.	.32	82.	.839	.219	2.615
%RSD	1.175	1.001	.2666	46.13	16.79	72.07
#1	6043.	32.48	30540.	.9668	1.061	-3.764
#2	6170.	31.91	30590.	1.846	1.486	-.9486
#3	6165.	31.95	30700.	2.644	1.361	-6.174
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	**-1.030**	**-4.045**	**.9774**	**2.051**	**26.20**	**3.115**
Stddev	2.268	1.731	.4894	.158	.53	1.431
%RSD	220.3	42.81	50.07	7.687	2.008	45.93
#1	.6440	-2.108	1.337	2.059	26.73	4.738
#2	-.1217	-4.582	.4201	2.204	26.17	2.577
#3	-3.612	-5.443	1.175	1.889	25.68	2.032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44645-a-2-b du Acquired: 9/21/2012 18:49:15 Type: Unk
Method: SW846_092112 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	**.7406**	**102.7**	**.9035**	**3062.**
Stddev	1.212	1.0	.6582	33.
%RSD	163.7	.9499	72.85	1.080
#1	1.559	103.8	.3726	3025.
#2	1.314	101.9	.6979	3086.
#3	-.6519	102.5	1.640	3076.
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	**3725.0**	**36991.**	**4068.8**
Stddev	12.1	266.	41.8
%RSD	.32380	.71969	1.0274
#1	3739.0	37294.	4021.4
#2	3718.6	36887.	4100.5
#3	3717.6	36793.	4084.5

Sample Name: 460-44645-e-2-c Acquired: 9/21/2012 18:53:32 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.162**	**1.376**	**-.2476**	**20.56**	**-.0514**	**24120.**
Stddev	.844	1.532	.4940	.40	.1190	379.
%RSD	26.70	111.4	199.5	1.924	231.5	1.573
#1	-4.043	2.411	-.8158	20.12	-.1051	23920.
#2	-2.360	2.100	.0795	20.69	.0850	23880.
#3	-3.082	-.3843	-.0066	20.88	-.1341	24550.
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	**-.0257**	**.5209**	**.0263**	**-3.004**	**35.34**	**709.8**
Stddev	.0944	.0978	.7564	7.168	10.40	23.6
%RSD	367.5	18.77	2878.	238.6	29.43	3.324
#1	-.1164	.6221	.6550	.3581	45.96	736.6
#2	.0720	.4269	-.8131	-11.23	25.18	692.3
#3	-.0326	.5138	.2370	1.865	34.87	700.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44645-e-2-c Acquired: 9/21/2012 18:53:32 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**5959.**	**30.92**	**29700.**	**1.958**	**.0935**	**-2.438**
Stddev	103.	.49	455.	.418	.2050	1.977
%RSD	1.724	1.584	1.531	21.35	219.3	81.06
#1	6008.	31.27	29670.	2.439	-.1431	-1.851
#2	5840.	30.36	29260.	1.739	.2193	-.8220
#3	6027.	31.14	30170.	1.695	.2043	-4.642
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	**-.1556**	**-3.992**	**.0981**	**2.103**	**24.95**	**1.330**
Stddev	.4146	1.362	.3194	.122	.91	.329
%RSD	266.5	34.11	325.5	5.789	3.637	24.77
#1	-.4850	-2.437	-.0825	2.049	23.91	1.150
#2	-.2918	-4.570	.4669	2.017	25.54	1.710
#3	.3100	-4.969	-.0901	2.242	25.41	1.129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44645-e-2-c Acquired: 9/21/2012 18:53:32 Type: Unk
Method: SW846_092112 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	**.5059**	**98.15**	**2.314**	**2909.**
Stddev	.2625	1.40	1.957	73.
%RSD	51.88	1.428	84.57	2.512
#1	.7537	98.08	2.382	2853.
#2	.2309	96.79	.3244	2883.
#3	.5331	99.59	4.237	2992.
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	**3819.8**	**37528.**	**4108.0**
Stddev	55.0	459.	45.0
%RSD	1.4402	1.2241	1.0950
#1	3879.5	37272.	4080.4
#2	3808.8	38058.	4159.9
#3	3771.1	37253.	4083.7

Sample Name: sd 460-44645-e-2-c Acquired: 9/21/2012 18:57:50 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-20.03**	**2.603**	**-.2739**	**4.249**	**.0601**	**4851.**
Stddev	15.01	1.437	.4678	.113	.0847	10.
%RSD	74.93	55.20	170.8	2.651	140.8	.2009
#1	-20.63	3.453	-.7189	4.121	.0964	4861.
#2	-4.733	.9440	-.3167	4.329	-.0366	4841.
#3	-34.73	3.411	.2138	4.298	.1206	4852.
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	**-.1805**	**-.1294**	**-.5086**	**-3.016**	**9.212**	**110.3**
Stddev	.1093	.2435	.2996	2.556	8.098	22.9
%RSD	60.55	188.1	58.91	84.74	87.91	20.77
#1	-.0822	.0159	-.2466	-4.302	14.83	133.7
#2	-.1612	.0063	-.8353	-.0727	-.0702	87.96
#3	-.2982	-.4105	-.4440	-4.675	12.87	109.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44645-e-2-c Acquired: 9/21/2012 18:57:50 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1236.**	**6.312**	**6095.**	**.6611**	**1.424**	**.4943**
Stddev	13.	.037	57.	.3907	1.219	4.599
%RSD	1.065	.5792	.9317	59.10	85.57	930.4
#1	1225.	6.341	6030.	.3739	.2158	5.601
#2	1234.	6.271	6122.	1.106	2.653	-3.319
#3	1251.	6.325	6133.	.5034	1.404	-.7992
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	**-3.230**	**-1.790**	**-.1555**	**.5506**	**4.725**	**.1524**
Stddev	1.359	1.673	.5418	.1005	.187	.4652
%RSD	42.08	93.47	348.4	18.24	3.953	305.4
#1	-1.860	-.1487	.3937	.5746	4.889	.4107
#2	-4.578	-1.728	-.6896	.4404	4.522	.4311
#3	-3.253	-3.493	-.1706	.6369	4.763	-.3847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44645-e-2-c Acquired: 9/21/2012 18:57:50 Type: Unk
Method: SW846_092112 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	**.6188**	**20.14**	**1.258**	**599.9**
Stddev	.8937	.32	.547	33.7
%RSD	144.4	1.565	43.53	5.621
#1	.4796	19.80	1.827	563.0
#2	1.574	20.43	1.210	607.6
#3	-.1971	20.18	.7356	629.2
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	**3810.0**	**37870.**	**4082.9**
Stddev	21.6	374.	64.0
%RSD	.56661	.98838	1.5687
#1	3834.0	38158.	4145.9
#2	3792.3	38006.	4017.8
#3	3803.6	37447.	4085.2

Sample Name: 460-44645-e-2-d ms Acquired: 9/21/2012 19:02:08 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1959.**	**2032.**	**48.90**	**2104.**	**50.84**	**44380.**
Stddev	13.	10.	.90	12.	.07	687.
%RSD	.6683	.5112	1.837	.5835	.1351	1.548
#1	1971.	2021.	47.92	2090.	50.78	44720.
#2	1945.	2032.	49.11	2111.	50.91	43590.
#3	1962.	2042.	49.68	2111.	50.82	44840.
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	**52.09**	**516.7**	**203.5**	**252.1**	**1060.**	**20220.**
Stddev	.38	2.4	1.2	2.9	7.	50.
%RSD	.7318	.4578	.5722	1.136	.6185	.2471
#1	51.68	514.1	204.8	251.6	1054.	20170.
#2	52.19	517.2	203.1	249.5	1067.	20260.
#3	52.42	518.7	202.5	255.1	1059.	20240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44645-e-2-d ms Acquired: 9/21/2012 19:02:08 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**26020.**	**561.3**	**50400.**	**523.9**	**532.7**	**510.3**
Stddev	128.	2.5	50.	3.0	1.4	1.2
%RSD	.4908	.4494	.0991	.5792	.2713	.2255
#1	26170.	564.1	50410.	520.4	532.3	509.3
#2	25940.	559.3	50450.	525.9	531.5	511.5
#3	25960.	560.4	50350.	525.5	534.3	510.0
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	**1965.**	**2175.**	**497.6**	**512.0**	**539.2**	**520.4**
Stddev	12.	12.	2.5	2.8	3.8	2.6
%RSD	.6108	.5459	.5071	.5435	.6971	.4967
#1	1952.	2162.	500.5	508.8	534.9	517.4
#2	1974.	2185.	496.0	513.4	540.9	521.4
#3	1969.	2180.	496.2	513.8	541.8	522.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44645-e-2-d ms Acquired: 9/21/2012 19:02:08 Type: Unk
Method: SW846_092112 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	**527.9**	**600.3**	**516.4**	**3148.**
Stddev	3.5	.8	.7	26.
%RSD	.6551	.1313	.1360	.8208
#1	524.5	599.9	515.6	3138.
#2	527.8	601.2	516.8	3128.
#3	531.4	599.8	516.9	3177.
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	**3674.7**	**36382.**	**4061.3**
Stddev	8.7	249.	18.9
%RSD	.23750	.68414	.46562
#1	3668.1	36099.	4058.2
#2	3684.6	36568.	4044.2
#3	3671.4	36478.	4081.6

Sample Name: pds 460-44645-e-2-c Acquired: 9/21/2012 19:06:06 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1943.**	**1921.**	**46.55**	**1985.**	**49.21**	**43450.**
Stddev	24.	36.	.75	30.	.49	380.
%RSD	1.237	1.882	1.602	1.529	.9921	.8735
#1	1928.	1881.	45.70	1953.	49.04	43010.
#2	1930.	1951.	47.06	2013.	48.83	43650.
#3	1971.	1933.	46.90	1988.	49.76	43690.
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	**49.29**	**487.7**	**193.9**	**237.7**	**999.3**	**20130.**
Stddev	.95	7.2	1.7	7.7	6.8	212.
%RSD	1.919	1.485	.8511	3.222	.6800	1.055
#1	48.27	479.9	192.0	229.0	1007.	19960.
#2	50.14	494.3	194.7	243.2	996.6	20070.
#3	49.45	488.9	195.0	241.0	994.2	20370.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44645-e-2-c Acquired: 9/21/2012 19:06:06 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**25540.**	**529.0**	**50000.**	**496.2**	**503.9**	**474.3**
Stddev	266.	5.6	569.	8.4	6.9	7.9
%RSD	1.041	1.058	1.138	1.692	1.374	1.671
#1	25240.	522.6	49650.	487.0	496.2	466.2
#2	25630.	531.4	49700.	503.3	509.6	482.0
#3	25750.	533.0	50660.	498.5	505.8	474.7
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	**1872.**	**2077.**	**475.1**	**485.2**	**504.5**	**476.2**
Stddev	35.	30.	5.2	8.2	9.1	7.4
%RSD	1.881	1.454	1.089	1.692	1.806	1.558
#1	1833.	2045.	469.3	476.4	494.5	468.1
#2	1901.	2105.	476.7	492.6	512.4	482.7
#3	1883.	2081.	479.3	486.6	506.6	477.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44645-e-2-c Acquired: 9/21/2012 19:06:06 Type: Unk
Method: SW846_092112 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	**491.6**	**581.0**	**484.5**	**3073.**
Stddev	8.2	5.5	4.0	46.
%RSD	1.663	.9440	.8206	1.503
#1	482.7	578.3	481.0	3020.
#2	498.8	577.4	483.6	3105.
#3	493.3	587.3	488.8	3092.
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	**3675.3**	**36318.**	**4004.8**
Stddev	40.7	247.	28.5
%RSD	1.1062	.68134	.71116
#1	3713.2	36604.	4023.8
#2	3632.4	36171.	4018.6
#3	3680.4	36180.	3972.1

Sample Name: 460-44636-e-1-b Acquired: 9/21/2012 19:10:04 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**808.2**	**1.805**	**-.3523**	**35.55**	**-.0515**	**7213.**
Stddev	14.0	.961	.3055	.21	.1010	39.
%RSD	1.727	53.22	86.69	.5784	195.9	.5371
#1	816.2	1.237	-.1306	35.31	-.1665	7253.
#2	792.1	2.914	-.2256	35.67	-.0109	7210.
#3	816.3	1.264	-.7008	35.66	.0228	7175.
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	**.1324**	**1.018**	**2.103**	**1.538**	**1304.**	**2272.**
Stddev	.1185	.171	.404	6.257	13.	65.
%RSD	89.52	16.77	19.22	406.9	.9705	2.848
#1	-.0006	1.139	2.231	-3.962	1302.	2329.
#2	.2268	1.093	1.650	.2305	1293.	2287.
#3	.1708	.8229	2.426	8.345	1318.	2202.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-1-b Acquired: 9/21/2012 19:10:04 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1728.**	**597.2**	**6924.**	**4.174**	**1.343**	**-1.361**
Stddev	13.	3.6	38.	.324	.147	1.740
%RSD	.7599	.5998	.5506	7.758	10.98	127.9
#1	1714.	594.4	6943.	4.124	1.228	.2852
#2	1732.	596.0	6949.	4.520	1.291	-1.186
#3	1740.	601.2	6880.	3.878	1.509	-3.182
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	**-.9617**	**-3.199**	**1.826**	**87.33**	**30.37**	**.6543**
Stddev	1.151	1.088	.169	.36	.91	.3662
%RSD	119.7	34.03	9.265	.4070	3.002	55.98
#1	-1.656	-3.099	1.890	86.92	30.02	.9793
#2	-1.597	-2.163	1.635	87.52	31.41	.2575
#3	.3672	-4.333	1.955	87.56	29.69	.7261
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-1-b Acquired: 9/21/2012 19:10:04 Type: Unk
Method: SW846_092112 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	**.0136**	**57.23**	**48.67**	**7159.**
Stddev	.2182	.48	3.24	16.
%RSD	1610.	.8338	6.648	.2165
#1	.2051	57.43	52.18	7177.
#2	.0596	57.57	48.03	7147.
#3	-.2240	56.68	45.80	7154.
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	**3808.1**	**37568.**	**4093.0**
Stddev	.9	67.	22.0
%RSD	.02474	.17731	.53730
#1	3808.8	37599.	4084.5
#2	3807.1	37613.	4076.5
#3	3808.6	37492.	4118.0

Sample Name: lcs 460-128401/2-a Acquired: 9/21/2012 19:14:19 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1941.**	**1990.**	**48.86**	**2057.**	**50.40**	**18980.**
Stddev	28.	9.	.57	8.	.53	68.
%RSD	1.441	.4692	1.175	.3696	1.058	.3573
#1	1973.	1979.	49.51	2048.	50.98	18990.
#2	1923.	1996.	48.59	2063.	50.31	19050.
#3	1927.	1994.	48.46	2059.	49.92	18910.
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	**51.53**	**511.9**	**201.6**	**249.7**	**1027.**	**19490.**
Stddev	.42	1.4	.4	3.3	14.	64.
%RSD	.8235	.2768	.1926	1.337	1.380	.3302
#1	51.06	510.3	201.6	252.2	1038.	19460.
#2	51.89	513.0	201.9	251.0	1033.	19560.
#3	51.63	512.3	201.2	245.9	1011.	19440.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-128401/2-a Acquired: 9/21/2012 19:14:19 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20170.**	**528.1**	**20600.**	**520.8**	**530.8**	**500.9**
Stddev	76.	1.1	76.	3.0	.9	1.8
%RSD	.3749	.2098	.3666	.5741	.1787	.3608
#1	20250.	529.3	20640.	517.4	530.0	498.9
#2	20120.	527.9	20650.	523.2	531.9	502.4
#3	20120.	527.1	20520.	521.7	530.5	501.4
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	**1930.**	**2189.**	**491.7**	**504.2**	**505.8**	**511.4**
Stddev	11.	10.	2.6	2.5	2.4	2.3
%RSD	.5543	.4606	.5276	.5014	.4705	.4555
#1	1922.	2178.	494.6	501.4	503.1	509.0
#2	1942.	2196.	490.7	506.3	507.3	513.7
#3	1926.	2193.	489.7	504.8	507.1	511.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-128401/2-a Acquired: 9/21/2012 19:14:19 Type: QC
Method: SW846_092112 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	**521.1**	**500.9**	**512.4**	**55.44**
Stddev	2.1	1.9	2.0	14.11
%RSD	.4080	.3783	.3885	25.44
#1	519.1	501.9	511.4	41.50
#2	523.4	502.0	514.7	55.12
#3	520.8	498.7	511.0	69.70
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	**3726.1**	**36744.**	**4027.7**
Stddev	12.7	33.	19.4
%RSD	.34104	.09023	.48093
#1	3740.3	36780.	4019.3
#2	3722.0	36715.	4014.0
#3	3715.9	36738.	4049.9

Sample Name: CCV Acquired: 9/21/2012 19:18:20 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120700.**	**2429.**	**1196.**	**9708.**	**972.4**	**123500.**
Stddev	729.	17.	23.	84.	5.6	1988.
%RSD	.6035	.6918	1.918	.8623	.5774	1.610
#1	121300.	2449.	1216.	9804.	977.8	125800.
#2	119900.	2418.	1171.	9648.	966.6	122600.
#3	121000.	2422.	1201.	9673.	972.8	122200.
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.**	**2437.**	**4879.**	**12190.**	**97620.**	**48450.**
Stddev	9.	17.	99.	87.	2002.	295.
%RSD	.7745	.7162	2.033	.7171	2.051	.6089
#1	1231.	2456.	4960.	12260.	99290.	48610.
#2	1214.	2423.	4768.	12090.	95400.	48110.
#3	1216.	2431.	4908.	12220.	98170.	48640.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 19:18:20 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**122200.**	**4983.**	**123300.**	**2459.**	**7441.**	**973.0**
Stddev	2606.	102.	651.	18.	57.	8.0
%RSD	2.132	2.054	.5275	.7199	.7604	.8257
#1	124300.	5067.	123800.	2478.	7505.	981.7
#2	119300.	4869.	122600.	2444.	7402.	965.9
#3	123100.	5013.	123500.	2454.	7415.	971.3
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	**2399.**	**2474.**	**2403.**	**2421.**	**964.1**	**2437.**
Stddev	15.	18.	48.	18.	4.2	19.
%RSD	.6121	.7079	2.009	.7635	.4345	.7914
#1	2416.	2494.	2444.	2442.	968.4	2460.
#2	2389.	2465.	2350.	2407.	960.1	2424.
#3	2393.	2462.	2413.	2414.	963.9	2429.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 19:18:20 Type: QC
Method: SW846_092112 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	**979.2**	**4987.**	**9815.**	**9390.**
Stddev	6.4	34.	58.	47.
%RSD	.6577	.6732	.5891	.5020
#1	986.6	5022.	9866.	9437.
#2	975.5	4954.	9752.	9342.
#3	975.4	4986.	9825.	9392.
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	**3533.4**	**34493.**	**3976.3**
Stddev	19.4	679.	17.3
%RSD	.54783	1.9697	.43580
#1	3512.1	34052.	3964.6
#2	3549.8	35275.	3996.2
#3	3538.5	34151.	3968.0

Sample Name: CCB Acquired: 9/21/2012 19:22:15 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-6.272**	**2.234**	**.2797**	**.7621**	**.1453**	**11.75**
Stddev	27.48	1.027	.3078	.1343	.1416	15.83
%RSD	438.2	45.99	110.0	17.62	97.48	134.7
#1	-37.11	1.406	.5979	.6856	.2555	28.55
#2	15.64	3.383	-.0165	.9172	.1949	9.586
#3	2.652	1.912	.2578	.6836	-.0145	-2.877
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	**.0784**	**.3904**	**.2667**	**-.3344**	**5.402**	**81.14**
Stddev	.1553	.2774	.0193	2.121	6.031	80.55
%RSD	197.9	71.06	7.249	634.1	111.7	99.27
#1	.2571	.2188	.2886	1.544	7.173	135.6
#2	.0015	.2420	.2593	.0863	10.35	119.2
#3	-.0234	.7105	.2521	-2.634	-1.317	-11.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 19:22:15 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**7.726**	**.4330**	**64.68**	**.5713**	**.4747**	**-1.803**
Stddev	5.467	.0688	16.54	.4149	.9737	1.197
%RSD	70.77	15.89	25.58	72.61	205.1	66.41
#1	5.214	.5101	80.84	.1036	1.369	-2.700
#2	3.966	.4114	47.78	.7155	.6178	-2.266
#3	14.00	.3777	65.40	.8949	-.5626	-.4432
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	**-1.571**	**-2.352**	**-.2250**	**.3460**	**1.580**	**1.241**
Stddev	3.971	2.148	.3583	.1823	.850	.462
%RSD	252.8	91.34	159.3	52.69	53.77	37.21
#1	.5863	-3.191	-.2455	.1839	2.532	1.774
#2	-6.153	.0893	.1432	.5434	1.315	.9949
#3	.8549	-3.954	-.5726	.3107	.8953	.9545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 19:22:15 Type: QC
Method: SW846_092112 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	**.2450**	**.5503**	**-.2460**	**-9.035**
Stddev	.0719	.2180	2.341	15.97
%RSD	29.36	39.62	951.5	176.8
#1	.1666	.7764	-1.167	-26.98
#2	.2605	.3414	-1.986	3.608
#3	.3078	.5331	2.415	-3.731
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	**3797.7**	**38123.**	**4061.1**
Stddev	28.0	600.	13.3
%RSD	.73811	1.5726	.32682
#1	3823.5	38806.	4074.3
#2	3767.9	37880.	4061.4
#3	3801.8	37683.	4047.7

Sample Name: mb 460-128401/1-a Acquired: 9/21/2012 19:26:34 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-9.462**	**.2378**	**-.4887**	**.1098**	**.1960**	**45.40**
Stddev	14.55	.3171	.3743	.2481	.0393	16.06
%RSD	153.8	133.3	76.58	226.0	20.03	35.37
#1	-8.788	.5828	-.6117	.2949	.2246	63.81
#2	-24.34	.1715	-.7861	.2065	.1513	34.34
#3	4.739	-.0409	-.0685	-.1721	.2121	38.03
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**	**-.0253**	**.3362**	**-1.156**	**3.326**	**12.97**
Stddev	.0530	.1796	.2376	3.618	10.51	20.55
%RSD	67.97	711.0	70.68	313.0	316.1	158.4
#1	.0281	-.0278	.2081	2.783	-8.652	26.25
#2	.1337	-.2036	.1901	-1.918	7.603	23.36
#3	.0722	.1556	.6104	-4.332	11.03	-10.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128401/1-a Acquired: 9/21/2012 19:26:34 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1.444**	**.1795**	**28.29**	**.2359**	**-.8732**	**1.783**
Stddev	1.155	.1023	25.56	.5096	1.054	5.963
%RSD	79.96	56.99	90.36	216.0	120.7	334.4
#1	.1158	.1354	55.60	.8224	-.2132	-4.609
#2	2.007	.2965	24.30	-.0161	-2.089	2.762
#3	2.209	.1067	4.952	-.0986	-.3175	7.196
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	**-1.060**	**-.7861**	**.4968**	**.8808**	**2.772**	**.3463**
Stddev	2.210	1.893	.3879	.0707	.705	.1385
%RSD	208.4	240.8	78.08	8.032	25.42	39.99
#1	.7618	-.1443	.8025	.8450	2.509	.3877
#2	-.4246	.7023	.6275	.9623	2.237	.1918
#3	-3.518	-2.916	.0604	.8351	3.570	.4593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128401/1-a Acquired: 9/21/2012 19:26:34 Type: QC
Method: SW846_092112 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	**.2151**	**.4112**	**.4586**	**38.87**
Stddev	.5954	.1792	1.749	20.63
%RSD	276.8	43.58	381.2	53.06
#1	.8205	.4860	-1.515	62.42
#2	.1945	.5408	1.078	30.21
#3	-.3698	.2067	1.813	24.00
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	**3751.0**	**37997.**	**4029.7**
Stddev	22.4	241.	28.3
%RSD	.59812	.63372	.70266
#1	3774.8	38138.	4022.3
#2	3748.0	37719.	4060.9
#3	3730.2	38134.	4005.7

Sample Name: 460-44636-e-2-b Acquired: 9/21/2012 19:30:52 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**323.8**	**1.687**	**.0904**	**27.79**	**-.0595**	**8882.**
Stddev	17.5	.351	.6175	.26	.0695	18.
%RSD	5.401	20.83	683.0	.9218	116.7	.2079
#1	341.4	1.867	-.3086	27.84	-.1066	8868.
#2	323.5	1.282	.8017	27.51	.0203	8903.
#3	306.5	1.913	-.2218	28.02	-.0923	8874.
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	**1.397**	**.2375**	**.8983**	**-.2534**	**597.6**	**2016.**
Stddev	.122	.1992	.3323	4.716	10.1	51.
%RSD	8.722	83.87	36.99	1861.	1.693	2.528
#1	1.484	.4508	.5268	-1.130	603.8	1960.
#2	1.258	.0565	1.167	4.839	603.2	2027.
#3	1.449	.2050	1.001	-4.470	586.0	2060.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-2-b Acquired: 9/21/2012 19:30:52 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1664.**	**391.2**	**19210.**	**1.217**	**.4074**	**-2.115**
Stddev	3.	1.2	210.	.090	.8121	.409
%RSD	.1591	.3095	1.095	7.433	199.4	19.33
#1	1666.	390.5	18980.	1.184	.4906	-2.587
#2	1665.	392.5	19280.	1.320	1.175	-1.860
#3	1661.	390.4	19380.	1.148	-.4432	-1.899
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	**-.8997**	**-4.028**	**1.172**	**3.760**	**50.19**	**.5699**
Stddev	1.314	1.505	.443	.057	.41	.3887
%RSD	146.1	37.35	37.79	1.524	.8137	68.21
#1	-1.394	-3.435	1.577	3.813	49.78	.8824
#2	.5901	-5.739	1.239	3.768	50.20	.6926
#3	-1.895	-2.911	.6989	3.699	50.60	.1346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-2-b Acquired: 9/21/2012 19:30:52 Type: Unk
Method: SW846_092112 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	**-.2136**	**75.49**	**12.62**	**5071.**
Stddev	.8613	.77	2.18	20.
%RSD	403.3	1.025	17.30	.3950
#1	-.6663	74.61	15.13	5056.
#2	-.7540	75.81	11.49	5062.
#3	.7797	76.06	11.23	5093.
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	**3760.5**	**37222.**	**4040.2**
Stddev	8.6	215.	47.4
%RSD	.22761	.57736	1.1724
#1	3770.0	37430.	4088.5
#2	3758.0	37236.	4038.4
#3	3753.5	37001.	3993.8

Sample Name: 460-44636-e-3-b Acquired: 9/21/2012 19:35:09 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3195**	**1.470**	**.0178**	**23.63**	**-.0708**	**10230.**
Stddev	11.08	1.674	.4421	.41	.0786	83.
%RSD	3468.	113.9	2483.	1.744	111.0	.8158
#1	-3.835	-.1053	-.0125	23.57	.0038	10280.
#2	-9.216	3.228	-.4083	23.25	-.1529	10130.
#3	12.09	1.288	.4742	24.07	-.0634	10270.
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	**.0306**	**.3161**	**-.3171**	**.1713**	**137.3**	**1718.**
Stddev	.0331	.0500	.9127	4.133	9.8	54.
%RSD	108.1	15.83	287.9	2413.	7.160	3.169
#1	.0430	.3157	-1.073	-3.683	148.4	1664.
#2	-.0069	.2663	.6969	4.536	129.9	1717.
#3	.0557	.3664	-.5752	-.3395	133.5	1773.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-3-b Acquired: 9/21/2012 19:35:09 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2566.**	**215.9**	**18190.**	**4.327**	**1.105**	**.4801**
Stddev	30.	2.6	128.	.261	.953	.3801
%RSD	1.170	1.220	.7024	6.042	86.24	79.17
#1	2537.	213.4	18050.	4.026	1.725	.8799
#2	2564.	215.8	18310.	4.503	.0077	.4374
#3	2597.	218.7	18200.	4.451	1.582	.1232
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	**-3.653**	**-2.727**	**.0561**	**3.245**	**42.94**	**.0998**
Stddev	1.443	.792	.5678	.065	.84	.1721
%RSD	39.49	29.06	1012.	1.995	1.947	172.6
#1	-2.282	-2.402	.4008	3.240	43.13	.2812
#2	-3.520	-3.630	.3667	3.183	42.02	.0793
#3	-5.158	-2.148	-.5992	3.312	43.66	-.0613
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-3-b Acquired: 9/21/2012 19:35:09 Type: Unk
Method: SW846_092112 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	**.1669**	**102.6**	**.3734**	**4603.**
Stddev	.0731	.6	1.687	102.
%RSD	43.81	.5857	451.9	2.205
#1	.2503	102.0	-1.041	4607.
#2	.1371	103.2	-.0796	4499.
#3	.1134	102.8	2.241	4702.
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	**3746.6**	**37555.**	**4037.0**
Stddev	28.9	470.	52.7
%RSD	.77128	1.2506	1.3054
#1	3731.3	37890.	4063.0
#2	3779.9	37756.	3976.4
#3	3728.6	37018.	4071.7

Sample Name: 460-44636-e-4-b Acquired: 9/21/2012 19:39:27 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**162.6**	**3.397**	**.4621**	**20.39**	**.1178**	**3792.**
Stddev	4.8	.145	.6083	.30	.2004	14.
%RSD	2.930	4.278	131.6	1.488	170.1	.3806
#1	158.6	3.325	.9401	20.42	-.0891	3783.
#2	161.2	3.564	-.2226	20.68	.1314	3784.
#3	167.8	3.301	.6689	20.07	.3110	3809.
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	**.1041**	**.2189**	**.2913**	**.0421**	**582.9**	**1194.**
Stddev	.1528	.4310	.1124	2.159	13.8	27.
%RSD	146.9	196.9	38.58	5128.	2.364	2.238
#1	-.0320	.1925	.1656	-1.371	575.1	1189.
#2	.0748	.6626	.3260	-1.031	574.7	1223.
#3	.2694	-.1983	.3821	2.528	598.8	1170.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-4-b Acquired: 9/21/2012 19:39:27 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**995.2**	**94.58**	**12290.**	**1.073**	**.4208**	**-1.201**
Stddev	19.3	1.74	89.	.128	.7914	.897
%RSD	1.941	1.839	.7242	11.88	188.0	74.70
#1	977.2	92.76	12220.	1.018	1.332	-.4453
#2	1016.	96.22	12390.	1.218	.0278	-.9654
#3	992.7	94.76	12270.	.9819	-.0971	-2.193
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	**-2.818**	**-3.552**	**.9192**	**12.60**	**16.26**	**.2171**
Stddev	2.066	.874	.0682	.10	.03	.4597
%RSD	73.33	24.61	7.418	.8266	.2040	211.7
#1	-4.748	-4.403	.9482	12.51	16.23	.6596
#2	-3.068	-2.656	.8413	12.72	16.29	.2499
#3	-.6380	-3.597	.9681	12.59	16.24	-.2581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44636-e-4-b Acquired: 9/21/2012 19:39:27 Type: Unk
Method: SW846_092112 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	**.1813**	**30.33**	**8.162**	**3891.**
Stddev	.7817	.31	.635	36.
%RSD	431.2	1.032	7.780	.9329
#1	-.5683	30.14	7.985	3922.
#2	.1207	30.69	7.634	3900.
#3	.9915	30.15	8.867	3851.
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	**3740.7**	**37630.**	**4014.0**
Stddev	4.1	785.	19.7
%RSD	.10834	2.0864	.49074
#1	3743.1	38444.	4034.4
#2	3736.0	36877.	3995.0
#3	3743.0	37570.	4012.6

Sample Name: 460-44660-a-29-a Acquired: 9/21/2012 19:43:44 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.63**	**2.965**	**.2111**	**.4985**	**.1703**	**122.1**
Stddev	20.81	2.292	.4049	.1916	.0646	19.7
%RSD	195.8	77.30	191.8	38.44	37.91	16.10
#1	18.69	.3186	-.1883	.2853	.1719	143.9
#2	-13.01	4.282	.6212	.6564	.1050	105.7
#3	26.20	4.295	.2005	.5537	.2341	116.7
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	**1.180**	**-.2426**	**-.4009**	**-.9767**	**54.13**	**41.11**
Stddev	.129	.0581	.1800	3.212	9.32	64.26
%RSD	10.92	23.95	44.89	328.9	17.22	156.3
#1	1.179	-.2086	-.4405	2.607	56.57	105.4
#2	1.052	-.2095	-.5578	-3.596	61.98	40.98
#3	1.310	-.3097	-.2045	-1.941	43.82	-23.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44660-a-29-a Acquired: 9/21/2012 19:43:44 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**21.74**	**.8285**	**295.7**	**.8704**	**.3437**	**-1.789**
Stddev	4.37	.0251	13.1	.6389	2.130	.502
%RSD	20.09	3.028	4.417	73.41	619.5	28.08
#1	22.51	.8449	306.5	.5149	-1.443	-1.833
#2	25.68	.7996	299.5	1.608	-.2267	-1.266
#3	17.04	.8410	281.2	.4883	2.701	-2.268
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	**-.8362**	**-2.460**	**.4301**	**4.809**	**1.513**	**.2360**
Stddev	1.992	2.089	.4834	.137	.433	.3341
%RSD	238.2	84.89	112.4	2.855	28.62	141.5
#1	-2.839	-2.826	-.0155	4.800	1.997	-.0210
#2	-.8131	-.2129	.3616	4.676	1.378	.6137
#3	1.144	-4.342	.9440	4.950	1.163	.1155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44660-a-29-a Acquired: 9/21/2012 19:43:44 Type: Unk
Method: SW846_092112 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	**.6450**	**.4098**	**1.117**	**51.62**
Stddev	.5247	.1359	1.590	19.42
%RSD	81.35	33.16	142.3	37.62
#1	1.220	.4190	-.7153	29.24
#2	.5242	.2695	1.939	61.57
#3	.1912	.5408	2.128	64.05
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	**3780.0**	**37705.**	**4058.9**
Stddev	27.9	223.	27.8
%RSD	.73851	.59189	.68501
#1	3749.7	37707.	4065.5
#2	3804.6	37927.	4028.4
#3	3785.9	37480.	4082.8

Sample Name: 460-44704-g-2-a Acquired: 9/21/2012 19:48:02 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**354.9**	**1.884**	**.1007**	**155.1**	**.0045**	**61580.**
Stddev	19.4	1.227	.6976	.7	.1562	616.
%RSD	5.471	65.13	692.7	.4282	3450.	1.001
#1	369.9	3.299	.1624	155.6	-.0159	62280.
#2	361.8	1.245	.7654	155.4	.1699	61370.
#3	333.0	1.109	-.6257	154.4	-.1404	61100.
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	**.0765**	**1.118**	**.5225**	**-1.508**	**616.2**	**11180.**
Stddev	.2213	.166	.6984	4.361	11.8	59.
%RSD	289.5	14.82	133.7	289.1	1.917	.5308
#1	-.1041	1.310	1.214	-4.681	629.7	11160.
#2	.0101	1.033	-.1826	-3.308	610.6	11240.
#3	.3233	1.013	.5363	3.464	608.2	11130.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44704-g-2-a Acquired: 9/21/2012 19:48:02 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**19210.**	**5226.**	**100100.**	**3.627**	**1.314**	**-.0545**
Stddev	42.	9.	599.	.793	1.992	1.722
%RSD	.2176	.1780	.5986	21.86	151.6	3158.
#1	19170.	5219.	100400.	3.272	2.476	1.563
#2	19210.	5223.	100500.	4.536	2.453	-1.865
#3	19260.	5236.	99400.	3.074	-.9861	.1379
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	**1.692**	**-7.959**	**1.378**	**13.20**	**211.5**	**.7749**
Stddev	.993	3.729	.426	.04	1.5	.3058
%RSD	58.67	46.85	30.94	.3073	.7018	39.47
#1	1.470	-9.723	1.501	13.18	213.1	.4458
#2	2.777	-3.675	1.730	13.17	211.2	1.050
#3	.8290	-10.48	.9039	13.25	210.1	.8285
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44704-g-2-a Acquired: 9/21/2012 19:48:02 Type: Unk
Method: SW846_092112 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	**.7033**	**386.8**	**29.86**	**5838.**
Stddev	.1789	2.7	2.57	61.
%RSD	25.44	.7073	8.613	1.044
#1	.8382	388.3	32.81	5869.
#2	.5004	388.5	28.07	5878.
#3	.7713	383.7	28.72	5768.
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	**3607.0**	**35082.**	**3980.8**
Stddev	18.0	67.	15.9
%RSD	.49930	.19184	.39898
#1	3593.7	35136.	3992.5
#2	3599.9	35104.	3962.7
#3	3627.5	35007.	3987.2

Sample Name: 460-44628-c-22-b Acquired: 9/21/2012 19:52:14 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-20.58**	**1.321**	**.2042**	**.0131**	**.1280**	**23.42**
Stddev	6.99	.656	.7667	.1812	.0553	4.29
%RSD	33.96	49.64	375.6	1379.	43.20	18.30
#1	-28.65	2.027	.9443	.0193	.1130	26.65
#2	-16.56	1.205	-.5866	.1912	.0818	18.55
#3	-16.53	.7313	.2548	-.1711	.1893	25.05
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	**-.0645**	**-.2480**	**-.6314**	**-8.030**	**2.779**	**1.867**
Stddev	.0822	.1510	.2887	2.678	11.06	15.55
%RSD	127.4	60.90	45.73	33.34	397.9	833.3
#1	.0143	-.1256	-.7045	-5.221	15.49	19.18
#2	-.1497	-.4168	-.8766	-8.315	-4.657	-2.671
#3	-.0582	-.2017	-.3131	-10.55	-2.492	-10.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-c-22-b Acquired: 9/21/2012 19:52:14 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-3.208**	**.4668**	**74.59**	**-.3561**	**-.4473**	**-2.284**
Stddev	3.900	.4199	30.29	.6276	.8125	2.114
%RSD	121.6	89.94	40.61	176.2	181.6	92.54
#1	-.0471	.9237	109.1	-.6339	.3146	-4.557
#2	-7.567	.3788	62.05	.3624	-.3542	-1.920
#3	-2.010	.0979	52.59	-.7968	-1.302	-.3764
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	**-1.808**	**-4.549**	**.0965**	**.7268**	**24.71**	**.0594**
Stddev	1.374	.082	.5515	.0724	.57	.1092
%RSD	76.01	1.801	571.3	9.956	2.309	184.0
#1	-3.132	-4.459	.4801	.7882	25.36	.1035
#2	-1.901	-4.568	-.5355	.6470	24.52	-.0650
#3	-.3892	-4.619	.3450	.7451	24.27	.1396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44628-c-22-b Acquired: 9/21/2012 19:52:14 Type: Unk
Method: SW846_092112 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	**.1058**	**.0885**	**.2613**	**41.60**
Stddev	.6717	.1200	.7166	22.91
%RSD	634.9	135.6	274.2	55.08
#1	-.3788	.1179	.4184	67.80
#2	-.1763	-.0435	-.5208	25.34
#3	.8725	.1911	.8863	31.65
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	**3810.7**	**37891.**	**4060.7**
Stddev	11.1	474.	27.3
%RSD	.29235	1.2512	.67116
#1	3816.4	38378.	4038.9
#2	3817.9	37431.	4052.1
#3	3797.9	37864.	4091.3

Sample Name: 460-44570-h-1-a Acquired: 9/21/2012 19:56:32 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62.46**	**2.479**	**-.0155**	**88.72**	**.1080**	**40830.**
Stddev	45.06	1.683	.4020	1.10	.1281	892.
%RSD	72.15	67.89	2589.	1.235	118.6	2.186
#1	10.44	.6073	-.1233	87.52	.1093	40130.
#2	87.54	3.868	-.3527	88.95	.2355	40520.
#3	89.40	2.962	.4294	89.68	-.0207	41830.
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**	**6.399**	**-.1032**	**-4.731**	**836.8**	**10960.**
Stddev	.0768	.178	.2983	1.085	12.4	25.
%RSD	121.1	2.782	288.9	22.94	1.485	.2309
#1	-.1295	6.199	.2209	-5.102	822.7	10980.
#2	.0209	6.540	-.1643	-3.509	842.1	10950.
#3	-.0816	6.459	-.3662	-5.583	845.8	10930.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44570-h-1-a Acquired: 9/21/2012 19:56:32 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**24930.**	**1679.**	**35060.**	**.3627**	**.1276**	**-2.657**
Stddev	287.	20.	225.	.4604	.9009	.618
%RSD	1.152	1.183	.6404	126.9	706.1	23.25
#1	24770.	1665.	35260.	.8173	-.4101	-3.078
#2	24760.	1670.	35110.	.3739	-.3748	-1.948
#3	25260.	1702.	34820.	-.1032	1.168	-2.946
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	**-1.031**	**-5.780**	**1.819**	**1.876**	**57.98**	**-.0426**
Stddev	3.012	1.767	.140	.144	1.16	.1651
%RSD	292.2	30.57	7.696	7.696	2.008	388.0
#1	-3.257	-3.804	1.960	1.714	56.63	-.0955
#2	-2.232	-6.329	1.817	1.993	58.66	-.1747
#3	2.396	-7.208	1.680	1.919	58.64	.1425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44570-h-1-a Acquired: 9/21/2012 19:56:32 Type: Unk
Method: SW846_092112 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	**.1027**	**366.3**	**3.223**	**18720.**
Stddev	.2239	3.0	2.344	178.
%RSD	217.9	.8144	72.72	.9517
#1	.0978	369.0	.6692	18520.
#2	.3290	366.8	5.275	18750.
#3	-.1186	363.1	3.724	18870.
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	**3666.5**	**36292.**	**4034.9**
Stddev	37.1	205.	30.6
%RSD	1.0129	.56462	.75864
#1	3693.9	36354.	3999.6
#2	3681.5	36460.	4053.5
#3	3624.3	36064.	4051.7

Sample Name: ICSA 1552029 Acquired: 9/21/2012 20:00:45 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**524600.**	**-.7727**	**-1.072**	**-.0286**	**.0839**	**483800.**
Stddev	8377.	.9836	.810	.2793	.1860	2285.
%RSD	1.597	127.3	75.58	977.0	221.7	.4723
#1	523900.	.3599	-.1640	-.3508	.2966	485300.
#2	533200.	-1.412	-1.721	.1214	.0031	484800.
#3	516500.	-1.266	-1.330	.1437	-.0481	481100.
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	**-2.125**	**-.9936**	**1.307**	**-6.015**	**203200.**	**98.51**
Stddev	.287	.3635	.356	5.445	2115.	46.08
%RSD	13.52	36.58	27.23	90.53	1.041	46.78
#1	-1.799	-.5767	1.084	.2725	200700.	102.6
#2	-2.343	-1.244	1.119	-9.177	204500.	50.51
#3	-2.231	-1.161	1.717	-9.141	204300.	142.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 9/21/2012 20:00:45 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**508700.**	**-.6801**	**21.96**	**-3.351**	**5.400**	**-2.755**
Stddev	11330.	.1065	22.51	.438	.412	3.810
%RSD	2.226	15.67	102.5	13.07	7.621	138.3
#1	496300.	-.7445	12.19	-2.869	5.108	-6.805
#2	518600.	-.5572	5.984	-3.724	5.221	-2.219
#3	511300.	-.7388	47.70	-3.461	5.871	.7581
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	**-7.069**	**-4.648**	**2.863**	**.2651**	**-.9293**	**-1.141**
Stddev	4.993	2.633	.207	.1271	.5563	.649
%RSD	70.64	56.65	7.232	47.95	59.86	56.86
#1	-8.592	-5.385	3.096	.1227	-1.145	-1.346
#2	-11.12	-6.833	2.699	.3052	-.2974	-.4145
#3	-1.491	-1.725	2.793	.3672	-1.345	-1.663
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1552029 Acquired: 9/21/2012 20:00:45 Type: QC
Method: SW846_092112 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	**-2.564**	**-.1960**	**-2.472**	**12.49**
Stddev	.324	.1261	2.621	29.11
%RSD	12.62	64.30	106.1	233.0
#1	-2.739	-.3373	-2.297	46.08
#2	-2.762	-.1558	-5.176	-3.123
#3	-2.190	-.0950	.0580	-5.477
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	**3370.0**	**32728.**	**3813.5**
Stddev	4.7	301.	29.0
%RSD	.13826	.91999	.76162
#1	3365.7	33072.	3811.4
#2	3374.9	32600.	3785.6
#3	3369.5	32512.	3843.6

Sample Name: ICSAB 1604491 Acquired: 9/21/2012 20:05:02 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**510000.**	**99.96**	**102.3**	**100.4**	**99.80**	**471900.**
Stddev	5415.	1.95	1.8	.6	1.14	2688.
%RSD	1.062	1.954	1.788	.5577	1.144	.5696
#1	503800.	101.7	102.5	100.5	98.48	475000.
#2	512200.	100.3	100.4	99.76	100.4	470300.
#3	513900.	97.88	104.1	100.9	100.5	470500.
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	**98.03**	**98.44**	**100.6**	**94.87**	**202100.**	**10560.**
Stddev	.47	.72	2.4	7.53	3001.	212.
%RSD	.4779	.7272	2.354	7.934	1.485	2.004
#1	98.36	98.54	101.2	96.25	202200.	10330.
#2	97.50	97.68	98.02	86.74	199000.	10600.
#3	98.25	99.10	102.7	101.6	205000.	10750.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 9/21/2012 20:05:02 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**511600.**	**102.4**	**10800.**	**95.41**	**102.4**	**102.0**
Stddev	8125.	1.4	149.	.31	1.2	5.2
%RSD	1.588	1.331	1.377	.3272	1.136	5.054
#1	509000.	102.3	10640.	95.49	103.5	96.11
#2	505100.	101.1	10860.	95.07	102.4	105.4
#3	520700.	103.8	10920.	95.68	101.2	104.6
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	**92.43**	**91.85**	**101.7**	**99.05**	**96.92**	**99.89**
Stddev	2.26	3.98	2.3	.24	.80	.64
%RSD	2.444	4.328	2.268	.2396	.8244	.6456
#1	89.88	96.36	102.1	99.16	96.88	100.6
#2	93.26	88.87	99.19	98.78	96.14	99.49
#3	94.16	90.31	103.7	99.21	97.74	99.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1604491 Acquired: 9/21/2012 20:05:02 Type: QC
Method: SW846_092112 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	**94.89**	**102.1**	**98.53**	**42.95**
Stddev	1.58	1.5	2.66	19.37
%RSD	1.669	1.456	2.704	45.10
#1	95.56	100.4	97.54	21.64
#2	93.08	102.6	96.51	59.50
#3	96.02	103.3	101.5	47.72
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	**3367.5**	**32662.**	**3866.7**
Stddev	4.7	310.	11.9
%RSD	.13818	.94950	.30671
#1	3368.1	32668.	3869.4
#2	3371.8	32969.	3853.8
#3	3362.6	32348.	3877.0

Sample Name: CCV Acquired: 9/21/2012 20:09:16 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124800.**	**2550.**	**1238.**	**10170.**	**1002.**	**126300.**
Stddev	742.	24.	15.	62.	7.	456.
%RSD	.5945	.9253	1.213	.6085	.6764	.3614
#1	124700.	2533.	1234.	10130.	1001.	126800.
#2	124100.	2541.	1226.	10130.	995.2	125900.
#3	125600.	2577.	1255.	10240.	1009.	126200.
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	**1278.**	**2562.**	**5059.**	**12530.**	**101100.**	**49860.**
Stddev	7.	18.	62.	84.	1276.	357.
%RSD	.5842	.7070	1.231	.6683	1.262	.7160
#1	1274.	2553.	5045.	12540.	100800.	49690.
#2	1272.	2551.	5005.	12450.	100000.	49630.
#3	1286.	2583.	5127.	12610.	102500.	50270.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 20:09:16 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**126900.**	**5158.**	**127700.**	**2585.**	**7786.**	**1024.**
Stddev	1500.	62.	769.	18.	50.	3.
%RSD	1.182	1.205	.6021	.7035	.6451	.3176
#1	126400.	5144.	127500.	2575.	7761.	1021.
#2	125700.	5104.	127100.	2574.	7753.	1025.
#3	128600.	5226.	128600.	2606.	7843.	1027.
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	**2516.**	**2594.**	**2487.**	**2542.**	**1011.**	**2554.**
Stddev	14.	15.	33.	18.	8.	17.
%RSD	.5699	.5660	1.337	.6912	.7504	.6507
#1	2508.	2583.	2482.	2535.	1006.	2547.
#2	2507.	2588.	2457.	2530.	1007.	2542.
#3	2532.	2610.	2523.	2562.	1019.	2573.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 20:09:16 Type: QC
Method: SW846_092112 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	**1027.**	**5135.**	**10100.**	**9776.**
Stddev	6.	30.	66.	78.
%RSD	.6187	.5812	.6503	.8025
#1	1024.	5134.	10090.	9728.
#2	1022.	5106.	10040.	9732.
#3	1034.	5166.	10170.	9866.
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	**3426.7**	**33867.**	**3896.9**
Stddev	17.4	224.	11.5
%RSD	.50815	.66225	.29437
#1	3431.1	34054.	3884.8
#2	3441.5	33927.	3907.6
#3	3407.5	33618.	3898.3

Sample Name: CCB Acquired: 9/21/2012 20:13:11 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-13.85**	**1.546**	**-.1083**	**.4943**	**.0434**	**30.00**
Stddev	14.95	1.424	.5673	.1834	.1322	11.11
%RSD	108.0	92.17	523.8	37.11	304.5	37.04
#1	-25.87	2.779	-.1832	.6932	.1942	37.16
#2	-18.56	1.872	.4927	.3319	-.0114	17.20
#3	2.890	-.0137	-.6344	.4578	-.0525	35.65
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	**-.0161**	**.0356**	**.8275**	**.4967**	**1.869**	**47.27**
Stddev	.1409	.2750	.7558	8.750	19.18	48.80
%RSD	874.0	771.7	91.33	1762.	1026.	103.2
#1	.0640	-.2810	.3559	9.784	22.65	51.94
#2	.0665	.2143	.4274	-7.594	-15.14	93.56
#3	-.1788	.1736	1.699	-.7002	-1.905	-3.701
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 20:13:11 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**11.17**	**.3157**	**67.68**	**.2843**	**.6216**	**-.1401**
Stddev	1.43	.2646	35.14	.1830	1.053	1.431
%RSD	12.76	83.84	51.92	64.35	169.3	1021.
#1	12.42	.6179	107.9	.0782	.6572	-.1883
#2	11.48	.1256	42.96	.3473	-.4483	1.314
#3	9.618	.2034	52.18	.4276	1.656	-1.547
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	**-2.393**	**-2.416**	**.1400**	**.3638**	**1.816**	**.8803**
Stddev	2.356	2.634	.3509	.1023	1.205	.3160
%RSD	98.48	109.0	250.7	28.12	66.38	35.90
#1	-.1035	-3.085	.5448	.4310	3.206	1.164
#2	-4.811	.4879	-.0775	.4143	1.056	.9376
#3	-2.264	-4.652	-.0474	.2460	1.186	.5395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 20:13:11 Type: QC
Method: SW846_092112 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	**.6180**	**.5878**	**.4021**	**3.243**
Stddev	.3128	.6935	2.242	25.01
%RSD	50.61	118.0	557.5	771.2
#1	.6992	1.312	2.856	23.18
#2	.8821	.5223	-.1111	-24.82
#3	.2726	-.0706	-1.538	11.38
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	**3716.4**	**37325.**	**3974.3**
Stddev	22.4	344.	15.9
%RSD	.60204	.92286	.39898
#1	3740.2	36928.	3992.3
#2	3713.2	37501.	3968.4
#3	3695.9	37546.	3962.3

Sample Name: mb 460-128757/1-a Acquired: 9/21/2012 20:17:31 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-27.87**	**.8213**	**-.0472**	**.0256**	**-.0075**	**27.15**
Stddev	12.44	.9294	.5051	.0463	.1322	9.09
%RSD	44.63	113.2	1070.	181.2	1770.	33.47
#1	-38.88	1.876	-.5873	.0541	.1000	33.39
#2	-30.34	.1227	.0325	-.0279	.0327	31.33
#3	-14.38	.4649	.4133	.0506	-.1551	16.72
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	**-.0069**	**-.1566**	**-.1039**	**-2.073**	**-4.667**	**-12.80**
Stddev	.0599	.1735	.6452	6.605	12.83	60.43
%RSD	867.8	110.8	620.8	318.6	274.9	472.1
#1	.0622	-.3227	.5802	5.492	6.490	55.95
#2	-.0440	-.1704	-.1907	-6.697	-1.805	-57.49
#3	-.0389	.0234	-.7013	-5.015	-18.69	-36.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128757/1-a Acquired: 9/21/2012 20:17:31 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**1.591**	**.0376**	**32.53**	**-.1256**	**.1782**	**2.157**
Stddev	.985	.0897	14.41	.5787	1.539	1.817
%RSD	61.87	238.8	44.30	460.9	863.7	84.23
#1	2.288	-.0095	47.11	.5412	1.803	.2173
#2	.4650	-.0188	18.29	-.4212	-.0112	3.819
#3	2.022	.1410	32.18	-.4967	-1.257	2.435
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	**-2.519**	**-3.804**	**.1427**	**1.011**	**1.505**	**.5165**
Stddev	1.323	1.751	.2589	.079	.467	.2866
%RSD	52.51	46.02	181.4	7.770	31.04	55.49
#1	-3.368	-3.629	.4289	1.080	.9664	.7016
#2	-3.193	-5.636	-.0751	.9252	1.756	.1864
#3	-.9948	-2.147	.0743	1.028	1.794	.6615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-128757/1-a Acquired: 9/21/2012 20:17:31 Type: QC
Method: SW846_092112 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	**.3652**	**.0606**	**1.055**	**10.40**
Stddev	.3475	.1042	2.351	23.69
%RSD	95.16	171.9	223.0	227.8
#1	.6114	-.0571	-1.115	7.935
#2	-.0323	.0981	3.553	35.23
#3	.5167	.1408	.7257	-11.96
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	**3721.9**	**37314.**	**3916.7**
Stddev	4.6	140.	29.3
%RSD	.12399	.37473	.74745
#1	3716.6	37199.	3891.0
#2	3724.7	37469.	3948.6
#3	3724.5	37273.	3910.5

Sample Name: lcs 460-128757/2-a Acquired: 9/21/2012 20:21:49 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2015.**	**2058.**	**50.75**	**2124.**	**51.68**	**19380.**
Stddev	21.	6.	.29	6.	.44	40.
%RSD	1.043	.2944	.5797	.2866	.8589	.2073
#1	2013.	2064.	50.83	2131.	51.18	19380.
#2	2037.	2056.	50.99	2119.	52.04	19340.
#3	1995.	2053.	50.42	2122.	51.81	19420.
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	**53.32**	**533.4**	**209.2**	**256.2**	**1069.**	**19990.**
Stddev	.15	1.7	1.6	5.7	5.	242.
%RSD	.2748	.3256	.7510	2.208	.4217	1.209
#1	53.36	535.4	210.4	250.5	1073.	19710.
#2	53.43	532.7	209.7	261.8	1069.	20090.
#3	53.15	532.2	207.4	256.2	1064.	20170.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-128757/2-a Acquired: 9/21/2012 20:21:49 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**21010.**	**546.1**	**21200.**	**540.7**	**550.1**	**521.8**
Stddev	139.	4.0	139.	1.6	2.0	3.7
%RSD	.6601	.7383	.6570	.2933	.3587	.7163
#1	21100.	548.7	21050.	542.3	552.2	522.3
#2	21070.	548.1	21250.	539.2	549.7	525.3
#3	20850.	541.5	21310.	540.6	548.3	517.9
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.**	**2269.**	**509.4**	**527.0**	**525.1**	**527.9**
Stddev	3.	2.	3.2	1.7	1.8	.8
%RSD	.1452	.0680	.6192	.3183	.3462	.1537
#1	2007.	2270.	511.2	528.9	523.4	528.6
#2	2002.	2267.	511.2	526.2	525.0	527.0
#3	2002.	2269.	505.7	525.9	527.0	528.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-128757/2-a Acquired: 9/21/2012 20:21:49 Type: QC
Method: SW846_092112 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	**540.0**	**512.3**	**525.2**	**60.98**
Stddev	1.2	3.0	3.8	14.91
%RSD	.2286	.5925	.7194	24.45
#1	541.4	508.9	521.1	61.97
#2	539.5	513.4	526.0	75.38
#3	539.1	514.6	528.5	45.60
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	**3651.8**	**36244.**	**3963.3**
Stddev	6.4	118.	26.4
%RSD	.17612	.32628	.66509
#1	3649.2	36108.	3978.9
#2	3659.1	36320.	3978.2
#3	3647.1	36303.	3932.9

Sample Name: 460-44765-d-1-c du Acquired: 9/21/2012 20:25:49 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.529**	**1.584**	**.2872**	**144.8**	**.1726**	**34480.**
Stddev	17.44	2.389	.7330	1.1	.1789	498.
%RSD	494.2	150.8	255.2	.7252	103.7	1.443
#1	-18.56	-.3755	.6210	143.7	.0466	33910.
#2	-7.627	.8826	.7939	145.2	.3774	34700.
#3	15.60	4.246	-.5533	145.6	.0937	34830.
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**	**.3455**	**-.0423**	**1.856**	**370.7**	**3809.**
Stddev	.1131	.1412	.3604	6.090	9.0	22.
%RSD	178.3	40.88	853.0	328.1	2.425	.5888
#1	.1483	.4982	.3688	2.988	360.8	3811.
#2	-.0649	.3186	-.3040	7.301	372.8	3785.
#3	.1068	.2196	-.1916	-4.720	378.4	3830.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-1-c du Acquired: 9/21/2012 20:25:49 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**17450.**	**61.48**	**41390.**	**2.332**	**1.064**	**-.7150**
Stddev	181.	.69	295.	1.102	1.917	1.830
%RSD	1.036	1.126	.7126	47.27	180.1	256.0
#1	17240.	60.73	41320.	2.417	1.672	-2.276
#2	17500.	61.62	41140.	3.389	2.604	1.299
#3	17600.	62.10	41710.	1.190	-1.083	-1.169
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	**.4592**	**-3.133**	**.4649**	**39.35**	**26.96**	**.7623**
Stddev	2.524	1.281	.5250	.47	1.03	.2771
%RSD	549.5	40.90	112.9	1.184	3.837	36.36
#1	3.262	-3.906	1.053	38.84	26.86	.5111
#2	-.2508	-3.840	.0419	39.48	28.04	1.060
#3	-1.633	-1.654	.3004	39.74	25.98	.7162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-1-c du Acquired: 9/21/2012 20:25:49 Type: Unk
Method: SW846_092112 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	**.6835**	**218.2**	**1.959**	**5639.**
Stddev	.3555	1.5	1.944	95.
%RSD	52.00	.6744	99.20	1.676
#1	.2937	217.9	.5474	5532.
#2	.7673	216.9	1.155	5711.
#3	.9896	219.8	4.176	5673.
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	**3644.5**	**36104.**	**3962.6**
Stddev	30.9	341.	45.1
%RSD	.84873	.94408	1.1394
#1	3680.0	36497.	3924.7
#2	3623.0	35890.	4012.5
#3	3630.7	35924.	3950.5

Sample Name: 460-44765-d-1-b Acquired: 9/21/2012 20:30:02 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.120**	**1.399**	**-.4839**	**148.4**	**.0899**	**35010.**
Stddev	10.18	1.447	.2415	1.3	.1788	252.
%RSD	247.1	103.4	49.92	.8720	198.8	.7203
#1	14.95	2.577	-.2323	149.1	-.1165	35290.
#2	2.673	-.2162	-.7140	149.2	.1894	34940.
#3	-5.262	1.838	-.5053	146.9	.1967	34790.
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	**.0570**	**.1744**	**.0400**	**4.369**	**382.4**	**3825.**
Stddev	.1422	.4535	.5458	3.637	14.6	78.
%RSD	249.5	260.0	1365.	83.25	3.814	2.033
#1	-.0006	-.0590	.2548	1.904	366.2	3914.
#2	.2190	-.1148	-.5806	8.547	394.5	3771.
#3	-.0473	.6971	.4457	2.657	386.6	3789.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-1-b Acquired: 9/21/2012 20:30:02 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**17960.**	**63.61**	**42620.**	**2.532**	**.5137**	**1.157**
Stddev	65.	.25	184.	.337	1.594	1.327
%RSD	.3596	.3943	.4317	13.32	310.2	114.8
#1	17880.	63.35	42790.	2.181	-.7994	.7337
#2	17990.	63.85	42650.	2.561	.0537	2.644
#3	18000.	63.62	42430.	2.854	2.287	.0923
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	**.9355**	**-4.796**	**.3401**	**43.45**	**26.79**	**.8035**
Stddev	1.394	2.327	.2759	.48	.48	.5056
%RSD	149.0	48.52	81.13	1.115	1.799	62.93
#1	.4217	-2.841	.5946	43.86	27.34	1.375
#2	-.1284	-4.177	.0468	43.58	26.41	.6196
#3	2.513	-7.370	.3789	42.92	26.64	.4155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-1-b Acquired: 9/21/2012 20:30:02 Type: Unk
Method: SW846_092112 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	**.4617**	**224.6**	**1.468**	**5738.**
Stddev	.3841	1.3	.938	37.
%RSD	83.18	.5768	63.89	.6471
#1	.1545	225.9	.3902	5776.
#2	.8923	224.6	1.916	5738.
#3	.3383	223.3	2.099	5702.
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	**3650.3**	**35919.**	**3939.1**
Stddev	30.0	90.	18.8
%RSD	.82095	.25017	.47672
#1	3627.2	36021.	3935.7
#2	3639.5	35885.	3922.2
#3	3684.2	35852.	3959.3

Sample Name: sd 460-44765-d-1-b Acquired: 9/21/2012 20:34:14 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-24.55**	**.5251**	**.4436**	**29.51**	**-.0230**	**6959.**
Stddev	18.72	.9756	.5863	.40	.1119	33.
%RSD	76.26	185.8	132.2	1.364	486.7	.4771
#1	-10.43	1.619	.1985	29.98	-.0929	6995.
#2	-17.43	.2122	.0196	29.33	-.0822	6950.
#3	-45.78	-.2556	1.113	29.24	.1061	6930.
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	**.0502**	**.0855**	**-.4847**	**-3.075**	**72.43**	**725.1**
Stddev	.0645	.3353	.2437	1.542	17.12	30.4
%RSD	128.5	391.9	50.28	50.14	23.63	4.187
#1	.0057	-.2523	-.2636	-1.805	75.95	714.3
#2	.0207	.4182	-.7460	-4.791	53.83	701.7
#3	.1241	.0908	-.4444	-2.631	87.52	759.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44765-d-1-b Acquired: 9/21/2012 20:34:14 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**3658.**	**12.80**	**8454.**	**.5134**	**-.1294**	**-2.258**
Stddev	31.	.15	86.	.7147	.5586	1.550
%RSD	.8476	1.139	1.011	139.2	431.8	68.64
#1	3659.	12.83	8458.	.7128	-.0429	-3.177
#2	3627.	12.65	8537.	-.2799	.3810	-.4686
#3	3689.	12.94	8366.	1.107	-.7262	-3.130
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	**-2.105**	**-3.387**	**-.1469**	**8.800**	**5.453**	**.4409**
Stddev	1.929	.296	.4825	.079	.413	.2714
%RSD	91.64	8.737	328.4	.8937	7.569	61.55
#1	.1222	-3.727	.2132	8.749	5.930	.5366
#2	-3.245	-3.249	-.6952	8.760	5.213	.1346
#3	-3.194	-3.185	.0412	8.890	5.217	.6515
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-44765-d-1-b Acquired: 9/21/2012 20:34:14 Type: Unk
Method: SW846_092112 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	**.5646**	**44.14**	**-.1183**	**1120.**
Stddev	.5904	.43	.8312	22.
%RSD	104.6	.9821	702.3	1.922
#1	1.043	44.18	-.2204	1139.
#2	-.0953	44.55	-.8938	1097.
#3	.7461	43.68	.7592	1125.
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	**3715.1**	**36757.**	**3997.5**
Stddev	19.3	196.	66.8
%RSD	.52025	.53287	1.6715
#1	3706.9	36815.	4012.5
#2	3737.2	36917.	3924.5
#3	3701.2	36539.	4055.6

Sample Name: 460-44765-d-1-d ms Acquired: 9/21/2012 20:38:31 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1997.**	**2040.**	**48.90**	**2198.**	**50.78**	**52440.**
Stddev	46.	28.	.76	28.	.41	1039.
%RSD	2.315	1.359	1.552	1.276	.8004	1.981
#1	1944.	2008.	48.19	2166.	50.33	51320.
#2	2032.	2049.	48.81	2206.	50.89	53380.
#3	2014.	2062.	49.70	2221.	51.13	52630.
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	**51.78**	**515.9**	**202.6**	**247.1**	**1376.**	**23180.**
Stddev	.61	6.6	3.3	4.3	13.	185.
%RSD	1.185	1.283	1.638	1.729	.9754	.7963
#1	51.12	508.3	200.8	250.5	1368.	22970.
#2	51.88	518.7	200.7	248.6	1368.	23250.
#3	52.33	520.7	206.5	242.3	1391.	23320.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-1-d ms Acquired: 9/21/2012 20:38:31 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**37110.**	**585.9**	**60490.**	**524.9**	**526.7**	**511.9**
Stddev	551.	8.9	471.	7.3	9.4	6.3
%RSD	1.485	1.517	.7779	1.398	1.786	1.225
#1	36690.	578.2	59980.	516.5	516.0	504.8
#2	36920.	583.9	60580.	528.1	530.6	513.9
#3	37740.	595.7	60910.	530.1	533.5	516.8
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	**1969.**	**2159.**	**495.5**	**549.2**	**540.4**	**514.7**
Stddev	26.	29.	7.3	7.7	7.0	6.6
%RSD	1.339	1.356	1.470	1.402	1.293	1.273
#1	1939.	2126.	489.4	540.5	532.4	507.2
#2	1984.	2171.	493.4	551.6	543.5	517.0
#3	1985.	2180.	503.5	555.3	545.3	519.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-1-d ms Acquired: 9/21/2012 20:38:31 Type: Unk
Method: SW846_092112 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	**524.1**	**706.8**	**515.3**	**5621.**
Stddev	6.7	5.8	2.0	158.
%RSD	1.270	.8253	.3812	2.811
#1	516.5	700.3	514.3	5442.
#2	526.8	708.6	517.6	5741.
#3	529.0	711.5	514.1	5681.
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	**3629.6**	**36058.**	**3963.9**
Stddev	33.2	320.	49.8
%RSD	.91602	.88771	1.2554
#1	3667.8	36083.	3914.9
#2	3613.1	36364.	4014.4
#3	3607.8	35726.	3962.4

Sample Name: pds 460-44765-d-1-b Acquired: 9/21/2012 20:42:29 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1990.**	**1962.**	**47.22**	**2120.**	**49.85**	**52770.**
Stddev	36.	6.	.59	7.	.68	269.
%RSD	1.833	.3283	1.246	.3095	1.371	.5088
#1	1948.	1964.	46.58	2119.	49.06	53000.
#2	2014.	1955.	47.74	2114.	50.26	52480.
#3	2009.	1967.	47.34	2127.	50.22	52850.
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	**49.75**	**494.2**	**193.1**	**245.2**	**1336.**	**23450.**
Stddev	.26	2.3	.5	5.3	21.	319.
%RSD	.5142	.4556	.2429	2.155	1.536	1.361
#1	49.74	494.1	192.9	239.1	1321.	23090.
#2	49.50	492.0	193.7	248.0	1359.	23680.
#3	50.01	496.5	192.9	248.5	1328.	23590.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44765-d-1-b Acquired: 9/21/2012 20:42:29 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**36730.**	**554.2**	**61990.**	**504.4**	**507.8**	**487.0**
Stddev	179.	3.2	676.	1.5	4.3	3.7
%RSD	.4863	.5829	1.090	.2908	.8561	.7660
#1	36530.	550.6	61210.	505.2	505.7	489.7
#2	36870.	556.7	62430.	502.7	504.9	482.8
#3	36800.	555.3	62340.	505.2	512.8	488.6
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	**1911.**	**2092.**	**472.5**	**531.8**	**517.4**	**480.0**
Stddev	7.	9.	2.8	2.1	3.2	.9
%RSD	.3798	.4221	.6002	.4025	.6202	.1878
#1	1904.	2089.	469.2	532.7	517.2	479.4
#2	1909.	2086.	474.2	529.4	514.3	479.4
#3	1919.	2103.	474.1	533.4	520.7	481.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-44765-d-1-b Acquired: 9/21/2012 20:42:29 Type: Unk
Method: SW846_092112 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	**498.5**	**706.0**	**493.5**	**5790.**
Stddev	1.6	8.4	3.6	58.
%RSD	.3247	1.187	.7356	1.004
#1	498.2	696.4	490.4	5734.
#2	497.1	711.7	492.5	5787.
#3	500.3	709.9	497.5	5850.
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	**3616.1**	**36213.**	**3938.0**
Stddev	21.5	153.	2.2
%RSD	.59549	.42226	.05595
#1	3616.3	36365.	3936.3
#2	3637.5	36214.	3940.5
#3	3594.4	36059.	3937.2

Sample Name: 460-44765-d-2-b Acquired: 9/21/2012 20:46:26 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-27.73**	**2.446**	**.4385**	**141.2**	**-.0208**	**32560.**
Stddev	31.90	1.552	.8168	1.0	.0318	216.
%RSD	115.0	63.45	186.3	.6948	152.5	.6643
#1	1.247	4.236	-.2675	142.3	-.0065	32800.
#2	-61.91	1.479	1.333	140.9	.0013	32400.
#3	-22.52	1.623	.2501	140.4	-.0572	32470.
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	**-.0791**	**.1152**	**.0163**	**-1.304**	**363.5**	**3695.**
Stddev	.1378	.1989	.2088	3.103	8.4	50.
%RSD	174.3	172.7	1281.	238.0	2.299	1.357
#1	-.0931	.3392	-.1916	-1.113	364.1	3719.
#2	.0652	-.0410	.2259	1.699	354.9	3729.
#3	-.2093	.0474	.0146	-4.497	371.5	3638.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-2-b Acquired: 9/21/2012 20:46:26 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**16960.**	**55.76**	**40740.**	**1.477**	**1.293**	**-.2052**
Stddev	60.	.32	83.	.664	.833	.1644
%RSD	.3519	.5824	.2036	44.97	64.42	80.12
#1	17030.	56.13	40840.	2.081	2.163	-.3688
#2	16920.	55.59	40690.	1.584	1.217	-.2070
#3	16940.	55.55	40690.	.7659	.5013	-.0399
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	**-1.009**	**-4.027**	**.1673**	**39.96**	**24.02**	**.7421**
Stddev	3.406	.472	.3414	.21	1.33	.6037
%RSD	337.6	11.72	204.1	.5201	5.519	81.35
#1	-2.011	-3.483	-.0014	40.18	25.52	1.353
#2	2.786	-4.273	.5602	39.95	23.53	.7272
#3	-3.802	-4.326	-.0569	39.76	23.02	.1460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-2-b Acquired: 9/21/2012 20:46:26 Type: Unk
Method: SW846_092112 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	**.0390**	**212.7**	**.8865**	**5434.**
Stddev	.6857	.4	1.674	17.
%RSD	1760.	.1771	188.9	.3097
#1	.6078	213.1	2.817	5448.
#2	-.7224	212.4	-.1699	5438.
#3	.2315	212.6	.0124	5415.
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	**3661.3**	**36045.**	**3950.0**
Stddev	5.7	180.	10.0
%RSD	.15576	.49856	.25334
#1	3663.0	35860.	3950.4
#2	3666.0	36219.	3939.7
#3	3655.0	36056.	3959.7

Sample Name: 460-44765-d-3-b Acquired: 9/21/2012 20:50:39 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14.37**	**1.934**	**-.7478**	**112.9**	**.2010**	**32860.**
Stddev	15.00	1.131	.7422	.4	.1406	369.
%RSD	104.4	58.45	99.24	.3556	69.97	1.124
#1	-2.469	.7265	.0980	112.9	.0724	32970.
#2	26.31	2.109	-1.290	113.4	.1794	33170.
#3	19.26	2.967	-1.052	112.6	.3512	32450.
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	**-.0711**	**.2032**	**-.4534**	**1.274**	**563.9**	**3437.**
Stddev	.1184	.2362	.2137	4.720	10.6	29.
%RSD	166.6	116.2	47.13	370.5	1.881	.8479
#1	.0640	.3149	-.2445	4.572	563.1	3453.
#2	-.1206	.3629	-.4442	3.382	574.9	3404.
#3	-.1567	-.0680	-.6716	-4.132	553.7	3456.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-3-b Acquired: 9/21/2012 20:50:39 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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.**	**47.41**	**30580.**	**1.284**	**.4723**	**-.1223**
Stddev	141.	.31	82.	.433	2.267	1.254
%RSD	.8708	.6482	.2666	33.74	480.0	1026.
#1	16360.	47.71	30580.	1.412	2.973	-1.207
#2	16210.	47.43	30490.	.8010	-1.449	1.252
#3	16080.	47.09	30660.	1.638	-.1068	-.4115
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	**-2.679**	**-3.137**	**.4825**	**6.866**	**23.33**	**.6660**
Stddev	4.111	2.856	.6274	.093	.42	.5305
%RSD	153.4	91.05	130.0	1.358	1.821	79.66
#1	-1.370	-.0103	.1461	6.785	23.82	.0721
#2	.6175	-3.791	1.206	6.968	23.05	1.093
#3	-7.286	-5.609	.0950	6.845	23.13	.8329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-3-b Acquired: 9/21/2012 20:50:39 Type: Unk
Method: SW846_092112 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	**.5061**	**197.5**	**2.565**	**4604.**
Stddev	.6396	.6	2.024	12.
%RSD	126.4	.3030	78.89	.2552
#1	.9923	197.3	3.094	4604.
#2	.7444	197.1	4.272	4593.
#3	-.2184	198.2	.3295	4616.
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	**3674.8**	**36357.**	**4006.8**
Stddev	13.4	260.	25.2
%RSD	.36472	.71474	.63008
#1	3677.5	36094.	3982.5
#2	3660.2	36364.	4004.9
#3	3686.6	36613.	4032.9

Sample Name: 460-44765-d-4-b Acquired: 9/21/2012 20:54:52 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-15.52**	**1.860**	**-.4081**	**112.8**	**.0948**	**33450.**
Stddev	13.92	.587	.3416	1.9	.0950	383.
%RSD	89.69	31.57	83.70	1.643	100.2	1.145
#1	-2.034	1.395	-.4822	111.1	.0052	33040.
#2	-29.83	1.665	-.7067	112.6	.1943	33500.
#3	-14.68	2.519	-.0356	114.8	.0848	33800.
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	**-.0805**	**-.0721**	**.1833**	**.0069**	**447.3**	**3553.**
Stddev	.0988	.1578	.2059	5.157	22.0	23.
%RSD	122.8	218.8	112.4	74700.	4.914	.6577
#1	-.0154	-.0253	.2068	3.511	449.3	3529.
#2	-.0318	.0570	.3764	2.425	424.4	3555.
#3	-.1942	-.2480	-.0334	-5.915	468.2	3576.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-4-b Acquired: 9/21/2012 20:54:52 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**16600.**	**41.28**	**32470.**	**1.376**	**-.3240**	**.2380**
Stddev	134.	.22	162.	.106	1.715	.8377
%RSD	.8062	.5417	.4993	7.667	529.4	351.9
#1	16670.	41.35	32290.	1.377	-1.464	.5596
#2	16450.	41.03	32610.	1.270	-1.157	.8673
#3	16690.	41.46	32510.	1.481	1.649	-.7127
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	**-3.386**	**-2.852**	**.6261**	**5.377**	**23.33**	**.2466**
Stddev	2.186	1.650	.1832	.111	.54	.4411
%RSD	64.54	57.85	29.26	2.064	2.296	178.9
#1	-3.514	-.9588	.7789	5.269	22.71	.3667
#2	-5.506	-3.982	.4230	5.371	23.66	.6152
#3	-1.140	-3.616	.6764	5.490	23.61	-.2422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-4-b Acquired: 9/21/2012 20:54:52 Type: Unk
Method: SW846_092112 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	**.4135**	**201.0**	**1.071**	**4617.**
Stddev	.6537	1.4	2.642	71.
%RSD	158.1	.7049	246.6	1.544
#1	-.3376	199.6	1.434	4550.
#2	.7245	202.4	3.514	4611.
#3	.8536	201.1	-1.733	4692.
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	**3687.4**	**36631.**	**3989.7**
Stddev	24.9	253.	22.4
%RSD	.67587	.69020	.56107
#1	3707.8	36516.	3988.4
#2	3694.7	36921.	3968.0
#3	3659.6	36456.	4012.7

Sample Name: CCV Acquired: 9/21/2012 20:59:08 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126600.**	**2566.**	**1264.**	**10230.**	**1014.**	**123600.**
Stddev	986.	14.	18.	62.	9.	717.
%RSD	.7794	.5377	1.411	.6080	.8728	.5799
#1	125600.	2558.	1244.	10190.	1006.	123600.
#2	126600.	2582.	1272.	10300.	1013.	124300.
#3	127500.	2559.	1277.	10200.	1023.	122900.
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	**1287.**	**2572.**	**5150.**	**12730.**	**103100.**	**50860.**
Stddev	8.	15.	77.	99.	1548.	607.
%RSD	.6211	.5688	1.492	.7777	1.502	1.193
#1	1282.	2564.	5061.	12640.	101300.	50270.
#2	1296.	2588.	5193.	12710.	103900.	50830.
#3	1282.	2562.	5196.	12830.	104100.	51480.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 20:59:08 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**129300.**	**5259.**	**129800.**	**2596.**	**7843.**	**1026.**
Stddev	1905.	77.	1180.	14.	41.	7.
%RSD	1.474	1.461	.9089	.5272	.5204	.6988
#1	127100.	5170.	128700.	2590.	7815.	1024.
#2	130200.	5297.	129800.	2611.	7890.	1033.
#3	130600.	5309.	131000.	2585.	7824.	1019.
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	**2538.**	**2621.**	**2537.**	**2553.**	**1017.**	**2571.**
Stddev	16.	11.	39.	14.	5.	16.
%RSD	.6489	.4345	1.521	.5383	.5045	.6383
#1	2527.	2617.	2493.	2546.	1013.	2558.
#2	2557.	2634.	2556.	2569.	1023.	2590.
#3	2529.	2612.	2563.	2545.	1015.	2565.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/21/2012 20:59:08 Type: QC
Method: SW846_092112 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	**1034.**	**5224.**	**10250.**	**9753.**
Stddev	7.	46.	85.	36.
%RSD	.6587	.8762	.8329	.3664
#1	1031.	5179.	10170.	9712.
#2	1041.	5222.	10250.	9776.
#3	1028.	5270.	10340.	9772.
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	**3427.6**	**33628.**	**3828.2**
Stddev	9.6	386.	27.7
%RSD	.28011	1.1490	.72361
#1	3435.4	34065.	3851.3
#2	3416.9	33485.	3835.8
#3	3430.4	33332.	3797.5

Sample Name: CCB Acquired: 9/21/2012 21:03:05 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-10.35**	**.5984**	**-.0188**	**.1042**	**.0712**	**7.097**
Stddev	25.44	1.730	.7875	.2601	.2026	9.534
%RSD	245.8	289.1	4181.	249.6	284.3	134.3
#1	-29.70	-.7587	-.5587	.0879	.2391	-1.116
#2	-19.82	2.547	.8848	.3721	-.1537	17.55
#3	18.47	.0071	-.3826	-.1473	.1283	4.855
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	**.0342**	**.1886**	**-.1276**	**-3.029**	**-3.139**	**27.82**
Stddev	.1894	.6072	.2779	1.004	3.234	66.86
%RSD	553.8	321.9	217.8	33.14	103.0	240.3
#1	.1217	-.5099	.1893	-3.975	-4.330	80.78
#2	.1641	.4854	-.3296	-3.135	.5216	49.98
#3	-.1832	.5904	-.2424	-1.976	-5.607	-47.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 21:03:05 Type: QC
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**2.852**	**.1484**	**64.38**	**.5108**	**1.278**	**-.0982**
Stddev	2.658	.0206	18.92	1.156	1.753	1.639
%RSD	93.22	13.89	29.39	226.4	137.2	1670.
#1	4.148	.1447	85.17	1.154	.0183	.9495
#2	4.613	.1299	59.81	-.8242	3.281	-1.987
#3	-.2061	.1706	48.16	1.203	.5354	.7433
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	**-1.829**	**-2.087**	**.3787**	**.3182**	**1.188**	**.6358**
Stddev	4.567	2.315	.2696	.0904	1.228	.2554
%RSD	249.8	110.9	71.19	28.40	103.4	40.17
#1	-1.370	-.5395	.6747	.4154	2.604	.6158
#2	-6.608	-.9743	.1470	.2367	.5195	.9007
#3	2.492	-4.748	.3145	.3024	.4388	.3910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/21/2012 21:03:05 Type: QC
Method: SW846_092112 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	**.2902**	**.1538**	**-.4308**	**31.61**
Stddev	.1125	.0569	1.543	7.31
%RSD	38.76	37.01	358.3	23.13
#1	.3808	.1505	.9151	28.59
#2	.3257	.2123	-2.116	26.29
#3	.1643	.0986	-.0920	39.95
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	**3707.2**	**37396.**	**3918.5**
Stddev	27.9	308.	59.2
%RSD	.75215	.82363	1.5103
#1	3734.8	37750.	3985.0
#2	3679.1	37251.	3898.8
#3	3707.7	37187.	3871.7

Sample Name: 460-44765-d-5-b Acquired: 9/21/2012 21:07:24 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.61**	**2.149**	**.4401**	**232.2**	**.0915**	**35060.**
Stddev	13.69	1.230	.5877	3.1	.2137	312.
%RSD	25.07	57.21	133.5	1.324	233.5	.8893
#1	62.27	3.235	.1551	232.9	.2958	35300.
#2	62.76	2.398	.0492	228.9	.1091	34700.
#3	38.81	.8141	1.116	235.0	-.1304	35170.
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**	**.0426**	**.1147**	**-3.360**	**316.9**	**4532.**
Stddev	.2006	.2284	.5975	3.318	8.6	44.
%RSD	106.3	536.7	520.9	98.74	2.707	.9660
#1	.3673	-.0044	-.5719	.3657	311.8	4522.
#2	-.0283	-.1587	.5168	-4.451	326.8	4494.
#3	.2270	.2908	.3992	-5.996	312.0	4579.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-5-b Acquired: 9/21/2012 21:07:24 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20300.**	**76.70**	**71570.**	**2.465**	**1.831**	**-.0538**
Stddev	88.	.24	464.	.353	1.002	3.023
%RSD	.4313	.3111	.6485	14.33	54.75	5613.
#1	20380.	76.97	71660.	2.306	1.521	2.099
#2	20320.	76.60	71070.	2.219	2.951	-3.510
#3	20210.	76.52	71990.	2.870	1.020	1.249
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	**-.8790**	**-2.512**	**.3415**	**140.5**	**23.60**	**.2102**
Stddev	.7873	4.256	.2039	1.8	.35	.5566
%RSD	89.57	169.4	59.70	1.267	1.479	264.8
#1	-.3688	1.683	.5255	140.6	23.20	.2568
#2	-.4825	-2.392	.3766	138.6	23.79	.7420
#3	-1.786	-6.826	.1223	142.2	23.81	-.3682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44765-d-5-b Acquired: 9/21/2012 21:07:24 Type: Unk
Method: SW846_092112 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	**.3952**	**262.0**	**4.816**	**8084.**
Stddev	.2946	1.9	.297	47.
%RSD	74.56	.7163	6.168	.5758
#1	.5299	262.3	4.744	8062.
#2	.0573	260.0	4.562	8052.
#3	.5984	263.7	5.143	8137.
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	**3644.6**	**35855.**	**3950.6**
Stddev	36.4	120.	40.4
%RSD	.99939	.33472	1.0218
#1	3630.0	35786.	3917.9
#2	3686.1	35786.	3995.7
#3	3617.8	35994.	3938.1

Sample Name: 460-44834-d-1-b Acquired: 9/21/2012 21:11:35 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**292.9**	**2.332**	**.7593**	**85.13**	**.1017**	**40410.**
Stddev	7.2	.233	.6960	.45	.1147	192.
%RSD	2.448	9.991	91.67	.5236	112.8	.4762
#1	299.3	2.063	1.563	85.53	.2081	40230.
#2	285.2	2.468	.3593	84.65	.1168	40620.
#3	294.3	2.465	.3556	85.21	-.0199	40390.
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	**.1222**	**2.907**	**.0964**	**6.570**	**368.1**	**12600.**
Stddev	.1400	.363	.4676	1.806	7.9	26.
%RSD	114.6	12.50	485.3	27.48	2.137	.2036
#1	.1526	3.276	-.0532	8.421	361.4	12600.
#2	.2445	2.896	-.2782	4.813	366.1	12630.
#3	-.0305	2.550	.6205	6.476	376.7	12580.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44834-d-1-b Acquired: 9/21/2012 21:11:35 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**21220.**	**863.3**	**75140.**	**25.21**	**1.215**	**-.6085**
Stddev	250.	10.8	374.	.76	.836	2.641
%RSD	1.177	1.245	.4980	3.026	68.77	434.1
#1	20940.	851.1	75530.	24.54	.9464	1.804
#2	21410.	871.1	74780.	25.06	.5465	-3.431
#3	21320.	867.8	75110.	26.04	2.151	-.1989
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	**-.7555**	**-4.654**	**.5180**	**7.101**	**106.6**	**.5802**
Stddev	2.697	.656	.1792	.162	1.2	.2526
%RSD	357.0	14.09	34.60	2.286	1.101	43.53
#1	2.219	-4.970	.5638	7.013	107.9	.8531
#2	-1.444	-5.091	.6700	7.001	106.1	.5331
#3	-3.041	-3.899	.3204	7.288	105.7	.3546
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44834-d-1-b Acquired: 9/21/2012 21:11:35 Type: Unk
Method: SW846_092112 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	**.4748**	**251.7**	**22.21**	**4148.**
Stddev	.5736	1.6	2.36	64.
%RSD	120.8	.6334	10.65	1.542
#1	.0514	253.5	22.13	4117.
#2	.2453	250.4	24.62	4105.
#3	1.128	251.2	19.89	4221.
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	**3592.0**	**35862.**	**3952.6**
Stddev	15.7	157.	53.3
%RSD	.43673	.43721	1.3480
#1	3578.0	36043.	3892.3
#2	3608.9	35763.	3972.6
#3	3589.0	35781.	3993.1

Sample Name: 460-44834-d-2-b Acquired: 9/21/2012 21:15:49 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35.44**	**.5724**	**-.0324**	**80.03**	**.0246**	**39520.**
Stddev	17.18	.9836	.7847	.12	.1248	388.
%RSD	48.47	171.9	2420.	.1508	508.4	.9811
#1	54.34	.2050	-.7112	80.00	.0998	39110.
#2	31.23	-.1747	.8268	79.93	-.1195	39570.
#3	20.76	1.687	-.2130	80.16	.0933	39880.
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	**.0067**	**2.093**	**-.6028**	**6.567**	**34.24**	**12130.**
Stddev	.1751	.026	.3477	6.431	3.98	46.
%RSD	2609.	1.258	57.68	97.93	11.64	.3763
#1	-.0036	2.108	-.3621	13.90	37.94	12130.
#2	-.1630	2.063	-.4449	3.910	30.02	12090.
#3	.1867	2.109	-1.001	1.890	34.76	12180.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44834-d-2-b Acquired: 9/21/2012 21:15:49 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20660.**	**785.2**	**73360.**	**21.54**	**.4020**	**-2.334**
Stddev	75.	3.4	516.	.80	1.187	2.036
%RSD	.3619	.4382	.7038	3.706	295.3	87.26
#1	20640.	785.7	73180.	20.82	.9256	-.9731
#2	20740.	788.3	72960.	22.40	-.9569	-1.353
#3	20590.	781.5	73940.	21.40	1.237	-4.675
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	**-1.909**	**-5.380**	**-.0612**	**3.884**	**102.8**	**.0525**
Stddev	1.327	1.850	.6736	.094	1.0	.1213
%RSD	69.52	34.38	1101.	2.422	.9830	231.3
#1	-2.477	-7.512	-.3453	3.836	103.5	.1375
#2	-.3925	-4.413	-.5461	3.993	101.7	.1063
#3	-2.858	-4.214	.7079	3.824	103.3	-.0865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44834-d-2-b Acquired: 9/21/2012 21:15:49 Type: Unk
Method: SW846_092112 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	**.4099**	**246.7**	**3.861**	**3623.**
Stddev	.3574	1.5	2.879	28.
%RSD	87.19	.6261	74.58	.7716
#1	.1926	246.2	1.927	3595.
#2	.8224	245.5	2.485	3623.
#3	.2147	248.4	7.169	3651.
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	**3607.2**	**35631.**	**3945.3**
Stddev	21.6	18.	21.1
%RSD	.59992	.05143	.53410
#1	3631.2	35649.	3965.3
#2	3601.3	35613.	3947.3
#3	3589.2	35631.	3923.3

Sample Name: 460-44834-d-3-b Acquired: 9/21/2012 21:20:02 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.02**	**.0417**	**1.195**	**94.76**	**.0055**	**163600.**
Stddev	11.17	.1779	.567	.81	.1355	1917.
%RSD	21.06	426.5	47.48	.8530	2454.	1.171
#1	59.45	-.0597	.5568	93.87	.1094	165700.
#2	40.12	.2471	1.643	95.45	-.1477	162000.
#3	59.49	-.0623	1.385	94.96	.0549	163200.
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	**.3367**	**5.834**	**-1.223**	**2.402**	**4255.**	**42510.**
Stddev	.0940	.348	.428	4.818	47.	261.
%RSD	27.91	5.959	34.97	200.6	1.096	.6131
#1	.2722	6.235	-1.646	-.5219	4219.	42210.
#2	.2933	5.623	-.7906	7.964	4308.	42690.
#3	.4445	5.643	-1.233	-.2353	4237.	42630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44834-d-3-b Acquired: 9/21/2012 21:20:02 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**61710.**	**8834.**	F **279400.**	**7.333**	**7.373**	**-5.051**
Stddev	359.	131.	3634.	.894	.234	3.638
%RSD	.5813	1.486	1.300	12.20	3.174	72.03
#1	61500.	8877.	278200.	7.913	7.632	-6.338
#2	62120.	8938.	283500.	7.782	7.177	-.9445
#3	61500.	8686.	276600.	6.303	7.309	-7.871
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	**.3074**	**-13.34**	**1.226**	**19.41**	**1701.**	**4.216**
Stddev	1.986	4.37	.247	.10	6.	.320
%RSD	646.0	32.76	20.11	.5283	.3711	7.586
#1	-1.555	-18.13	1.313	19.49	1694.	4.264
#2	.0799	-12.31	.9474	19.45	1704.	4.509
#3	2.397	-9.578	1.417	19.29	1705.	3.875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44834-d-3-b Acquired: 9/21/2012 21:20:02 Type: Unk
Method: SW846_092112 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	**.6384**	**1118.**	**5.880**	**4264.**
Stddev	.5935	2.	2.007	31.
%RSD	92.97	.1763	34.14	.7157
#1	.3099	1116.	5.382	4280.
#2	.2818	1120.	4.169	4229.
#3	1.324	1118.	8.090	4282.
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	**3448.6**	**33637.**	**3881.5**
Stddev	14.3	238.	18.7
%RSD	.41506	.70758	.48066
#1	3435.6	33689.	3872.9
#2	3463.9	33377.	3868.8
#3	3446.2	33844.	3902.9

Sample Name: 460-44882-a-5-a Acquired: 9/21/2012 21:24:31 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-6.304**	**1.251**	**-.0316**	**-.1791**	**.1664**	**24.33**
Stddev	22.83	.674	.4317	.0911	.1161	25.11
%RSD	362.1	53.86	1368.	50.86	69.77	103.2
#1	-20.92	1.752	-.3365	-.1387	.0618	52.82
#2	-18.00	.4849	.4625	-.1152	.2913	14.72
#3	20.00	1.517	-.2207	-.2834	.1461	5.442
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	**-.0359**	**-.2636**	**-.0802**	**-5.459**	**-13.81**	**20.17**
Stddev	.0920	.2169	.5228	3.580	8.78	122.0
%RSD	256.1	82.30	651.8	65.57	63.62	604.8
#1	.0566	-.0451	-.2275	-8.933	-11.47	160.1
#2	-.0370	-.2669	.5005	-5.664	-23.52	-35.75
#3	-.1274	-.4789	-.5136	-1.782	-6.429	-63.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44882-a-5-a Acquired: 9/21/2012 21:24:31 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**-2.841**	**.3492**	**167.2**	**.6639**	**1.176**	**-.5077**
Stddev	4.519	.3183	75.3	.5979	.483	1.085
%RSD	159.0	91.15	45.02	90.07	41.05	213.6
#1	1.061	.7158	250.1	.8240	.9283	-1.022
#2	-7.792	.1896	148.1	1.165	1.733	-1.239
#3	-1.792	.1423	103.3	.0022	.8680	.7384
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	**-1.279**	**-2.703**	**-.2101**	**2.197**	**38.98**	**.0472**
Stddev	.598	1.006	.7238	.048	.66	.1474
%RSD	46.74	37.21	344.5	2.178	1.697	312.3
#1	-1.815	-1.784	-.9228	2.179	39.57	.2094
#2	-.6345	-2.547	-.2318	2.251	39.09	.0107
#3	-1.386	-3.778	.5243	2.161	38.26	-.0785
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44882-a-5-a Acquired: 9/21/2012 21:24:31 Type: Unk
Method: SW846_092112 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	**.3162**	**.3025**	**.4790**	**73.98**
Stddev	.1239	.2546	1.746	22.27
%RSD	39.20	84.15	364.6	30.10
#1	.1749	.5852	-1.265	48.28
#2	.3668	.0913	.4739	86.15
#3	.4067	.2311	2.228	87.52
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	**3799.7**	**38325.**	**3960.0**
Stddev	14.1	315.	93.6
%RSD	.37204	.82144	2.3648
#1	3785.3	38499.	3984.4
#2	3800.3	37962.	4039.1
#3	3813.5	38515.	3856.6

Sample Name: 460-44871-e-1-a@4 Acquired: 9/21/2012 21:28:49 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44560.**	**29.13**	**-.1428**	**152.7**	**2.795**	**5698.**
Stddev	209.	2.14	.3185	.9	.201	94.
%RSD	.4688	7.350	223.0	.6052	7.200	1.647
#1	44330.	31.13	-.2315	151.7	2.861	5593.
#2	44740.	26.87	.2106	153.1	2.954	5772.
#3	44610.	29.39	-.4075	153.5	2.569	5730.
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	**-.3329**	**37.75**	**95.05**	**38.93**	**99000.**	**7134.**
Stddev	.1967	.50	.90	3.61	300.	74.
%RSD	59.08	1.333	.9461	9.264	.3031	1.033
#1	-.1526	37.19	94.51	41.06	98850.	7070.
#2	-.5426	37.92	94.56	34.77	98810.	7215.
#3	-.3034	38.15	96.09	40.97	99350.	7116.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-1-a@4 Acquired: 9/21/2012 21:28:49 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20180.**	**1549.**	**2720.**	**80.19**	**43.82**	**.4610**
Stddev	62.	4.	9.	.67	1.85	6.938
%RSD	.3076	.2528	.3264	.8404	4.226	1505.
#1	20120.	1546.	2725.	80.85	42.41	2.159
#2	20180.	1547.	2726.	80.22	43.14	-7.168
#3	20240.	1553.	2710.	79.50	45.92	6.392
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	**-2.508**	**-6.982**	**121.2**	**231.0**	**41.14**	**2.516**
Stddev	3.342	1.807	.3	1.8	.28	.270
%RSD	133.3	25.89	.2450	.7638	.6843	10.74
#1	-5.197	-7.741	121.3	229.0	41.04	2.499
#2	-3.559	-4.919	120.9	231.7	41.45	2.795
#3	1.234	-8.286	121.4	232.3	40.92	2.255
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-1-a@4 Acquired: 9/21/2012 21:28:49 Type: Unk
Method: SW846_092112 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	**2.998**	**73.56**	**735.3**	**898.6**
Stddev	.539	.30	.9	8.2
%RSD	17.99	.4055	.1169	.9090
#1	3.566	73.39	735.5	907.7
#2	2.492	73.91	736.1	896.2
#3	2.937	73.39	734.4	891.9
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	**3903.0**	**38675.**	**4193.3**
Stddev	23.2	157.	18.2
%RSD	.59514	.40718	.43358
#1	3928.4	38565.	4185.8
#2	3883.0	38606.	4180.1
#3	3897.4	38856.	4214.1

Sample Name: 460-44871-e-2-a@4 Acquired: 9/21/2012 21:32:58 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**46270.**	**20.78**	**-.3271**	**150.5**	**2.699**	**4965.**
Stddev	290.	1.64	.1867	.2	.148	24.
%RSD	.6260	7.880	57.10	.1452	5.490	.4737
#1	46080.	22.49	-.2370	150.5	2.640	4963.
#2	46130.	19.23	-.5417	150.3	2.590	4943.
#3	46600.	20.62	-.2024	150.7	2.868	4989.
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	**-.3927**	**33.24**	**95.48**	**27.31**	**97320.**	**7237.**
Stddev	.1975	.31	.32	5.00	286.	75.
%RSD	50.29	.9304	.3347	18.32	.2937	1.031
#1	-.2511	33.59	95.12	24.07	97040.	7195.
#2	-.3087	33.15	95.57	24.78	97310.	7192.
#3	-.6183	32.99	95.74	33.07	97610.	7323.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-2-a@4 Acquired: 9/21/2012 21:32:58 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**20060.**	**1145.**	**2503.**	**77.69**	**39.64**	**-.0609**
Stddev	86.	3.	9.	.11	1.06	2.458
%RSD	.4267	.2729	.3776	.1455	2.682	4033.
#1	19970.	1142.	2507.	77.82	38.50	-1.354
#2	20060.	1145.	2493.	77.64	39.79	2.773
#3	20140.	1148.	2511.	77.60	40.61	-1.602
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	**-5.589**	**-4.207**	**108.7**	**219.8**	**38.33**	**2.214**
Stddev	2.578	1.286	.4	1.0	.78	.298
%RSD	46.13	30.57	.3607	.4384	2.038	13.46
#1	-7.269	-5.398	108.2	219.9	37.69	2.229
#2	-6.877	-2.843	108.8	218.8	39.20	2.504
#3	-2.621	-4.379	109.0	220.7	38.11	1.909
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-2-a@4 Acquired: 9/21/2012 21:32:58 Type: Unk
Method: SW846_092112 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	**2.998**	**68.01**	**725.5**	**845.5**
Stddev	.457	.29	5.5	13.6
%RSD	15.26	.4212	.7597	1.608
#1	3.515	68.02	720.7	843.4
#2	2.833	67.72	724.3	833.0
#3	2.646	68.30	731.5	860.0
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	**3894.4**	**38614.**	**4161.4**
Stddev	10.2	130.	43.5
%RSD	.26184	.33769	1.0450
#1	3886.9	38764.	4113.7
#2	3906.0	38531.	4198.8
#3	3890.3	38547.	4171.8

Sample Name: 460-44871-e-3-a@4 Acquired: 9/21/2012 21:37:06 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42620.**	**22.54**	**-.0551**	**139.6**	**2.817**	**5295.**
Stddev	125.	1.98	.3881	1.2	.036	64.
%RSD	.2940	8.766	704.4	.8368	1.277	1.207
#1	42480.	24.58	-.4965	138.5	2.780	5271.
#2	42640.	20.63	.0986	139.5	2.852	5247.
#3	42730.	22.41	.2326	140.8	2.818	5368.
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	**-.3875**	**37.78**	**85.78**	**33.48**	**92040.**	**6771.**
Stddev	.1769	.24	.94	2.48	836.	81.
%RSD	45.65	.6305	1.094	7.402	.9079	1.191
#1	-.1937	37.51	84.76	30.86	91090.	6695.
#2	-.5402	37.97	85.98	33.79	92360.	6764.
#3	-.4285	37.86	86.61	35.78	92660.	6855.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-3-a@4 Acquired: 9/21/2012 21:37:06 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**18060.**	**1019.**	**1600.**	**78.33**	**48.81**	**2.639**
Stddev	191.	10.	13.	.95	1.58	2.603
%RSD	1.059	1.003	.8147	1.209	3.241	98.65
#1	17850.	1007.	1588.	79.04	48.14	-.3508
#2	18100.	1022.	1598.	77.26	50.61	4.404
#3	18230.	1027.	1614.	78.70	47.66	3.863
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	**-3.766**	**-6.662**	**93.91**	**226.9**	**32.28**	**2.152**
Stddev	1.129	1.731	.94	1.3	.68	.269
%RSD	29.98	25.98	.9986	.5636	2.120	12.48
#1	-3.972	-6.658	92.84	225.4	32.61	1.842
#2	-4.778	-4.933	94.34	227.6	31.49	2.318
#3	-2.548	-8.394	94.56	227.6	32.74	2.296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-3-a@4 Acquired: 9/21/2012 21:37:06 Type: Unk
Method: SW846_092112 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	**2.842**	**64.01**	**676.0**	**692.7**
Stddev	.253	.30	6.0	10.2
%RSD	8.895	.4696	.8814	1.475
#1	3.079	63.77	670.2	691.9
#2	2.871	63.91	675.5	703.3
#3	2.576	64.34	682.1	682.9
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	**3898.9**	**38454.**	**4119.5**
Stddev	11.8	94.	8.1
%RSD	.30339	.24319	.19661
#1	3897.7	38539.	4110.8
#2	3911.3	38354.	4120.8
#3	3887.7	38468.	4126.9

Sample Name: 460-44871-e-4-a@4 Acquired: 9/21/2012 21:41:18 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca1840
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	184.006 {483}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35620.**	**14.20**	**-.6976**	**180.7**	**2.237**	**12570.**
Stddev	196.	.32	.6479	.4	.074	113.
%RSD	.5514	2.280	92.88	.1990	3.332	.8963
#1	35400.	14.45	-1.256	180.8	2.151	12440.
#2	35680.	13.83	.0125	181.0	2.281	12610.
#3	35780.	14.31	-.8488	180.3	2.279	12660.
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	**-.2515**	**27.50**	**56.84**	**59.29**	**61920.**	**4529.**
Stddev	.0296	.09	.66	.50	388.	29.
%RSD	11.78	.3170	1.169	.8467	.6266	.6450
#1	-.2830	27.54	57.00	58.72	62190.	4502.
#2	-.2473	27.39	56.11	59.63	61470.	4526.
#3	-.2242	27.55	57.41	59.53	62100.	4560.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-4-a@4 Acquired: 9/21/2012 21:41:18 Type: Unk
Method: SW846_092112 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

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	**17430.**	**860.1**	**754.1**	**61.78**	**74.92**	**-1.402**
Stddev	84.	4.0	5.0	1.03	.88	1.966
%RSD	.4844	.4603	.6688	1.672	1.178	140.3
#1	17470.	862.2	752.6	60.86	74.26	.7032
#2	17340.	855.6	759.7	62.90	74.59	-3.191
#3	17490.	862.7	749.9	61.59	75.92	-1.717
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	**-1.419**	**-5.543**	**79.50**	**165.4**	**22.48**	**1.721**
Stddev	2.741	2.326	.69	.1	1.43	.349
%RSD	193.2	41.96	.8640	.0870	6.360	20.27
#1	-4.429	-5.033	79.15	165.4	24.12	2.084
#2	.9342	-8.082	79.05	165.6	21.51	1.389
#3	-.7611	-3.515	80.29	165.3	21.81	1.691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-44871-e-4-a@4 Acquired: 9/21/2012 21:41:18 Type: Unk
Method: SW846_092112 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	**3.103**	**61.44**	**667.5**	**852.8**
Stddev	.138	.49	3.1	33.9
%RSD	4.456	.7918	.4617	3.969
#1	2.945	60.89	665.1	886.1
#2	3.159	61.60	670.9	854.0
#3	3.204	61.82	666.4	818.4
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	**3832.6**	**37786.**	**4091.3**
Stddev	14.7	168.	38.2
%RSD	.38476	.44337	.93328
#1	3849.5	37896.	4133.8
#2	3825.6	37869.	4079.9
#3	3822.6	37593.	4060.1