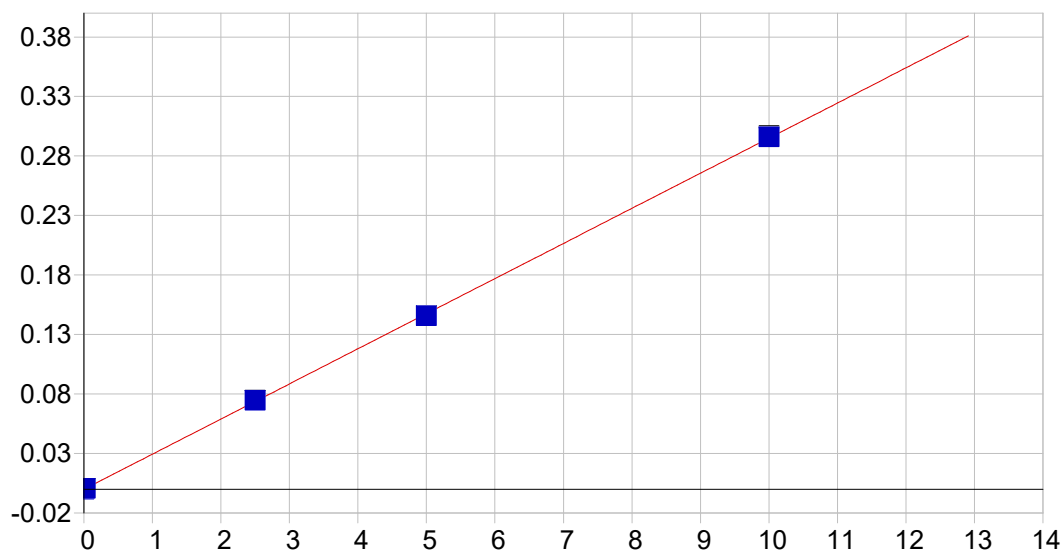


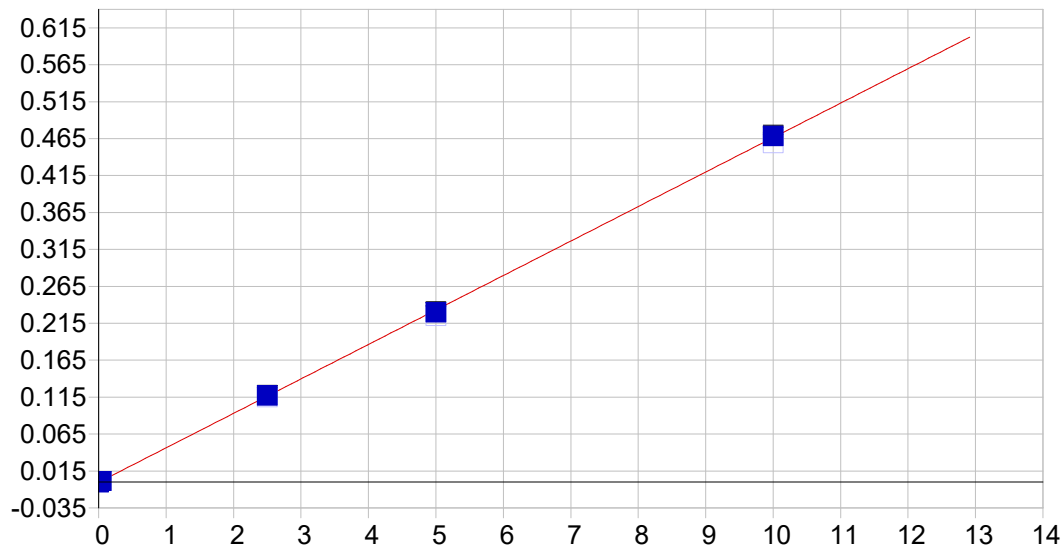


As 189.042 {479}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000056	Re-Slope:	1.000000
A1 (Gain):	0.029508	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.004515		
Predicted MQL:	0.015050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02191	.002	9.54	.00060	.000	1
S3	2.5000	2.5296	.030	1.18	.07468	.000	1
S4	5.0000	4.9406	-.059	-1.19	.14592	.000	1
S5	10.000	10.028	.028	.279	.29623	.001	1



Date of Fit: 10/08/2019 17:30:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000381

Re-Slope: 1.000000

A1 (Gain): 0.046672

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999963

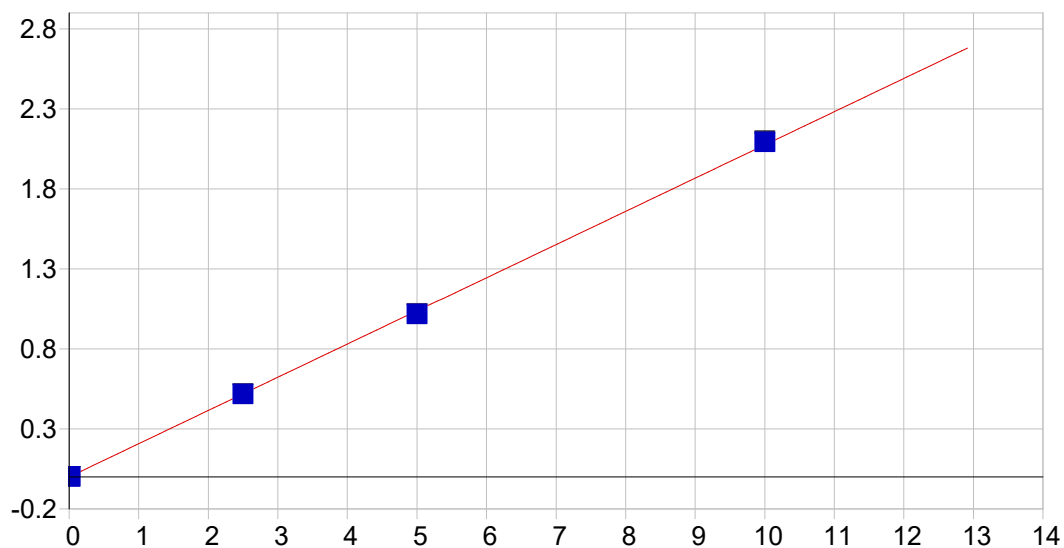
Status: OK.

Std Error of Est: 0.000014

Predicted MDL: 0.003013

Predicted MQL: 0.010043

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.04000	.04086	.001	2.14	.00145	.000	1
S3	2.5000	2.5203	.020	.812	.11481	.000	1
S4	5.0000	4.9338	-.066	-1.32	.22502	.001	1
S5	10.000	10.045	.045	.450	.45869	.001	1

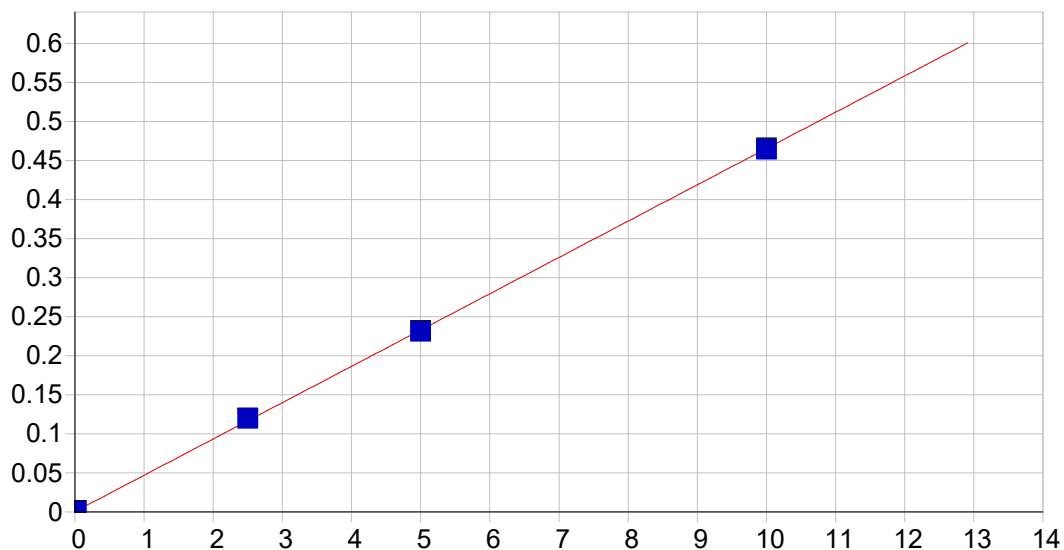


Pb 220.353 {453}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.207522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001838
 Predicted MQL: 0.006125

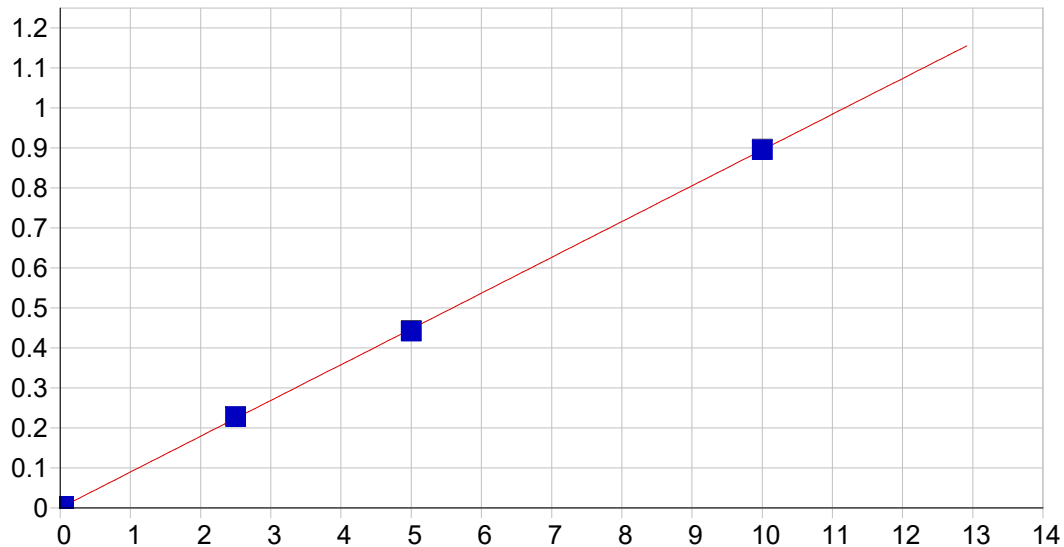
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01200	.01148	-.001	-4.37	.00224	.000	1
S3	2.5000	2.5002	.000	.006	.51802	.002	1
S4	5.0000	4.9085	-.092	-1.83	1.0171	.003	1
S5	10.000	10.092	.092	.919	2.0913	.006	1


Se 196.090 {472}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000456 Re-Slope: 1.000000
 A1 (Gain): 0.046477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003803
 Predicted MQL: 0.012677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.02000	.01960	-.000	-2.01	.00137	.000	1
S3	2.5000	2.5613	.061	2.45	.11949	.001	1
S4	5.0000	4.9629	-.037	-.742	.23110	.001	1
S5	10.000	9.9763	-.024	-.237	.46409	.002	1

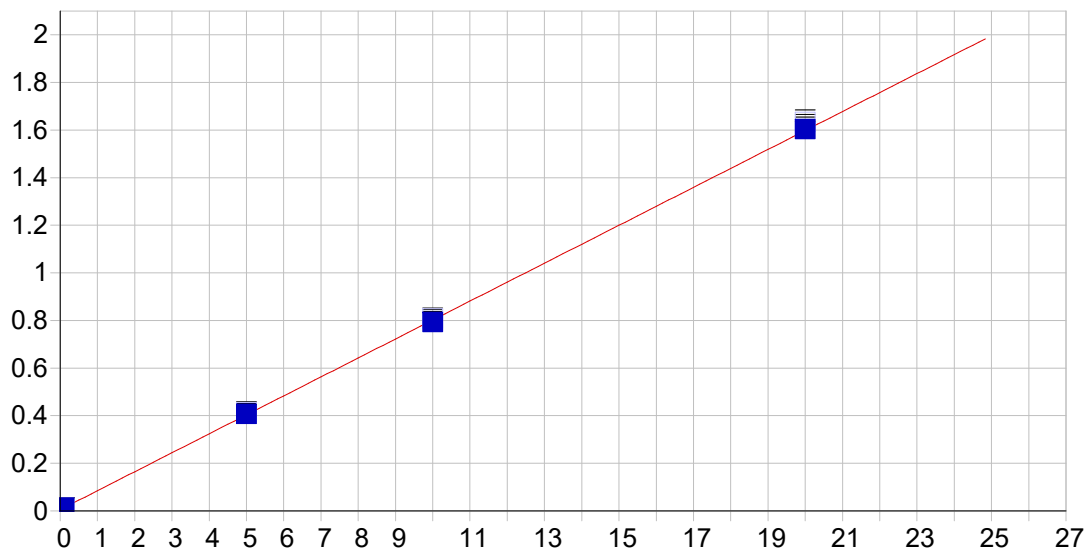


Sb 206.833 {463}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.089472 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002303
 Predicted MQL: 0.007676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.05000	.05387	.004	7.73	.00502	.000	1
S3	2.5000	2.5470	.047	1.88	.22808	.000	1
S4	5.0000	4.9389	-.061	-1.22	.44207	.001	1
S5	10.000	10.010	.010	.102	.89577	.001	1

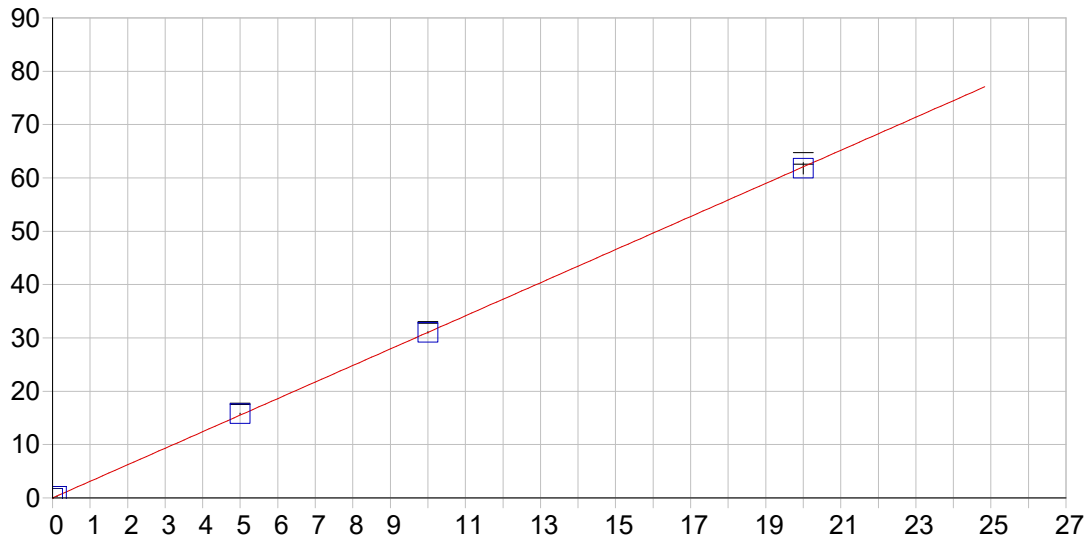


AI 396.152 { 85}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005301 Re-Slope: 1.000000
A1 (Gain): 0.079650 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999974 Status: OK.
Std Error of Est: 0.000045
Predicted MDL: 0.011109
Predicted MQL: 0.037030

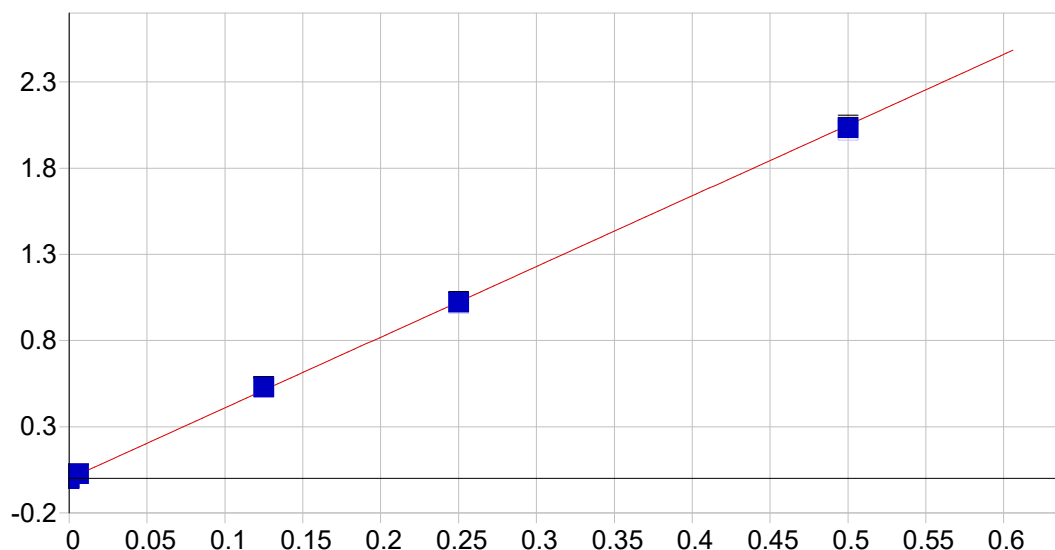
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00530	.001	1
S1	.10000	.10112	.001	1.12	.01395	.001	1
S3	5.0000	5.0415	.042	.830	.41426	.003	1
S4	10.000	9.8856	-.114	-1.14	.80749	.003	1
S5	20.000	20.072	.072	.358	1.6336	.009	1

**Ba 493.409 { 68}**

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004467 Re-Slope: 1.000000
A1 (Gain): 3.103350 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999973 Status: OK.
Std Error of Est: 0.001746
Predicted MDL: 0.000591
Predicted MQL: 0.001969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00445	.001	1
S1	.10000	.10365	.004	3.65	.32612	.003	1
S3	5.0000	5.0828	.083	1.66	15.778	.144	1
S4	10.000	10.002	.002	.024	31.045	.170	1
S5	20.000	19.911	-.089	-.444	61.796	1.11	1

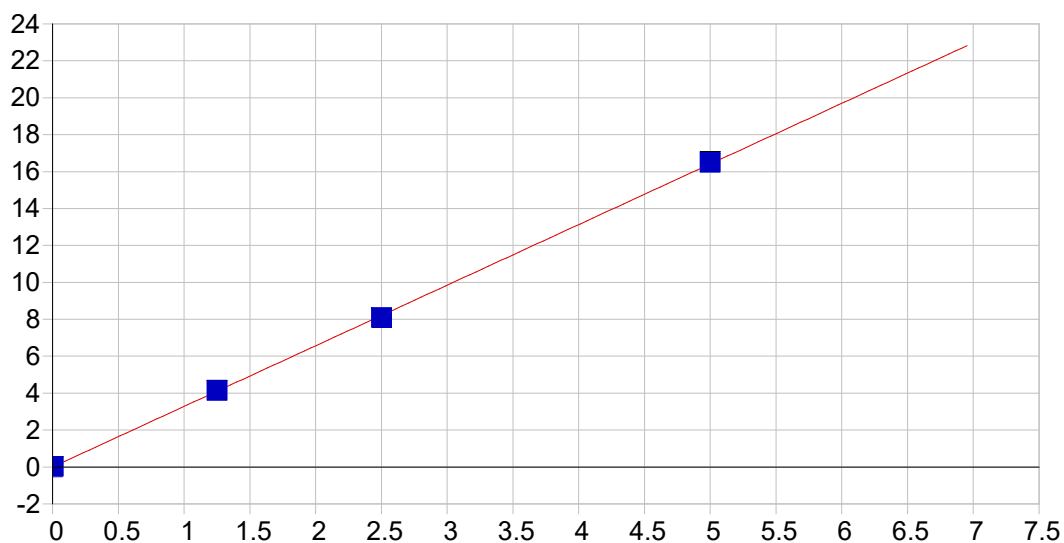


Be 234.861 {144}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000614 Re-Slope: 1.000000
 A1 (Gain): 4.100326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.000081
 Predicted MQL: 0.000270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.00600	.00650	.001	8.35	.02577	.000	1
S3	.12500	.12920	.004	3.36	.52572	.005	1
S4	.25000	.24932	-.001	-.272	1.0148	.005	1
S5	.50000	.49598	-.004	-.804	2.0193	.018	1

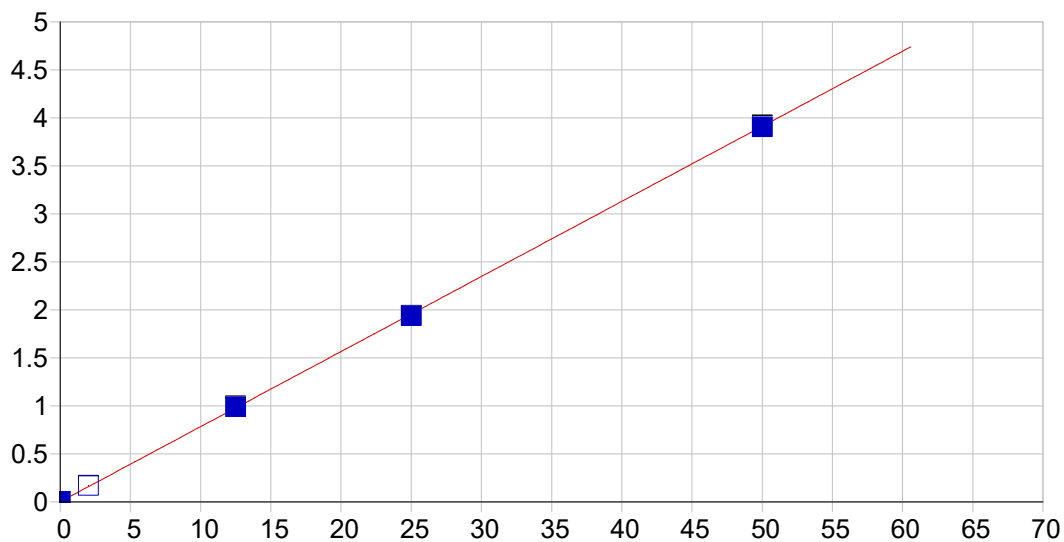


Cd 214.438 {457}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000049 Re-Slope: 1.000000
A1 (Gain): 3.282769 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999952 Status: OK.
Std Error of Est: 0.000300
Predicted MDL: 0.000083
Predicted MQL: 0.000275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.00600	.00641	.000	6.82	.02100	.000	1
S3	1.2500	1.2618	.012	.947	4.1425	.005	1
S4	2.5000	2.4623	-.038	-1.51	8.0838	.009	1
S5	5.0000	5.0254	.025	.508	16.498	.044	1

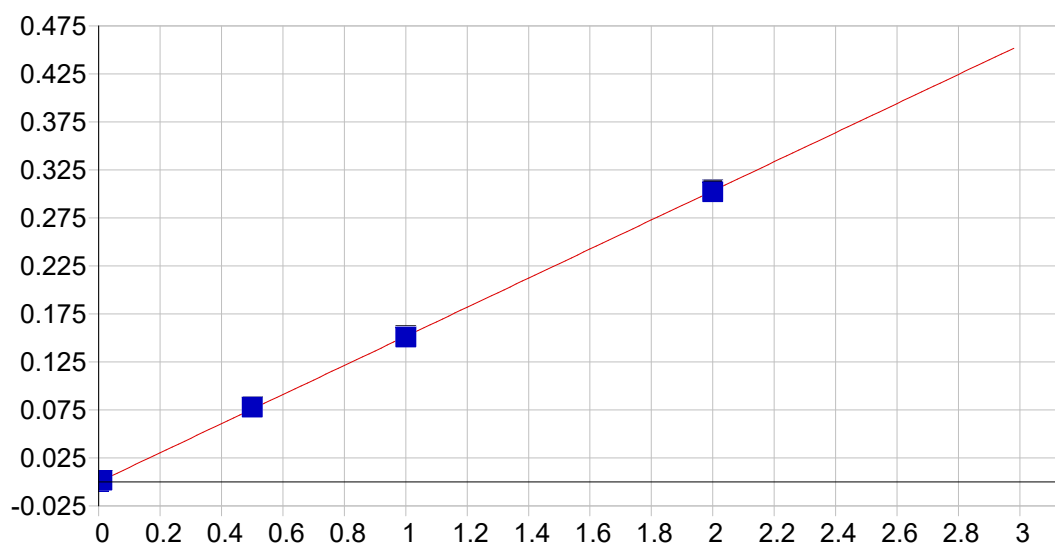


Ca 373.690 {90}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002096 Re-Slope: 1.000000
A1 (Gain): 0.078201 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999907 Status: OK.
Std Error of Est: 0.000581
Predicted MDL: 0.011107
Predicted MQL: 0.037025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.00208	.000	1
S2	2.0000	2.1609	.161	8.05	.17108	.001	1
S3	12.500	12.637	.137	1.10	.98992	.008	1
S4	25.000	24.776	-.224	-.896	1.9388	.005	1
S5	50.000	49.926	-.074	-.148	3.9048	.019	1

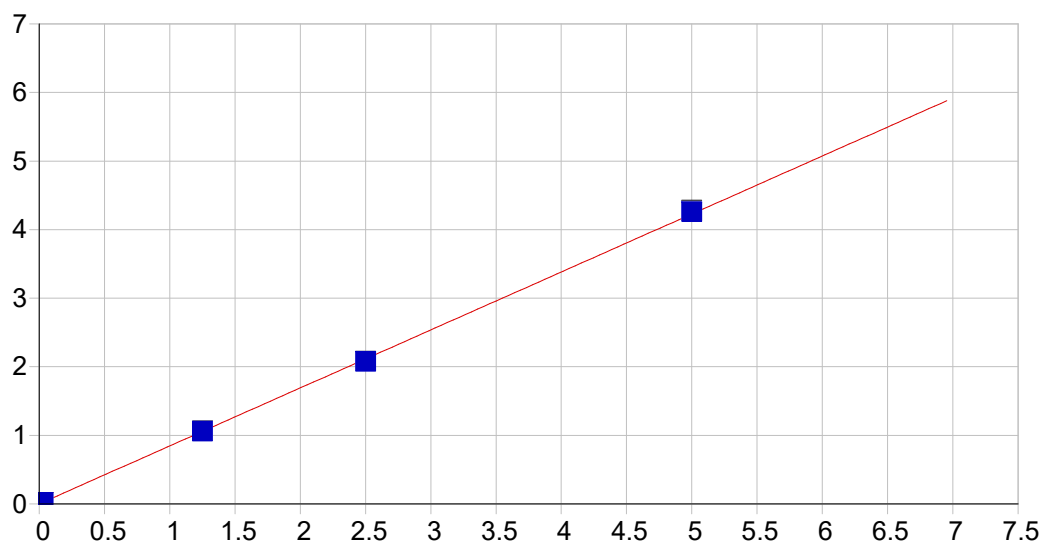


Cr 267.716 {126}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.151597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.000589
 Predicted MQL: 0.001964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01030	.000	3.03	.00158	.000	1
S3	.50000	.51281	.013	2.56	.07827	.000	1
S4	1.0000	.99387	-.006	-.613	.15173	.001	1
S5	2.0000	1.9930	-.007	-.349	.30427	.000	1

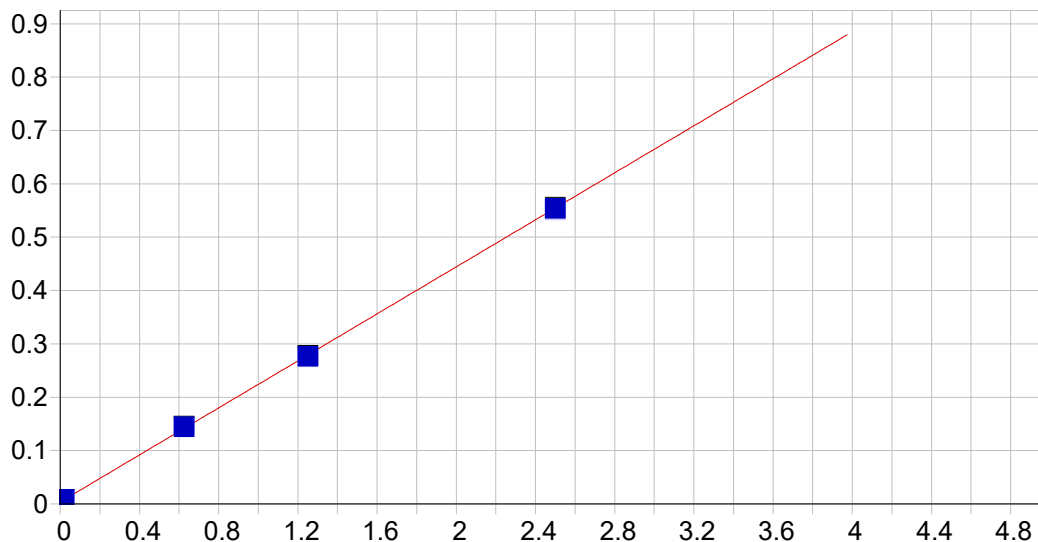


Co 228.616 {448}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000385 Re-Slope: 1.000000
 A1 (Gain): 0.845495 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000204
 Predicted MDL: 0.000303
 Predicted MQL: 0.001010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.03000	.03104	.001	3.46	.02655	.000	1
S3	1.2500	1.2541	.004	.324	1.0629	.002	1
S4	2.5000	2.4552	-.045	-1.79	2.0807	.002	1
S5	5.0000	5.0397	.040	.794	4.2703	.013	1

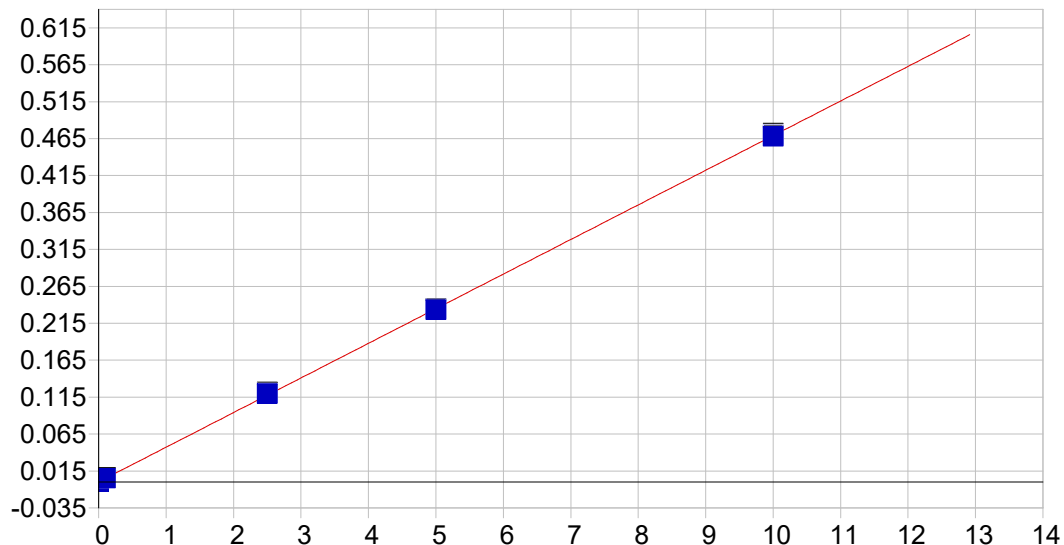


Cu 324.754 {104}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003771 Re-Slope: 1.000000
 A1 (Gain): 0.220338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002559
 Predicted MQL: 0.008529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00377	.000	1
S1	.02000	.02169	.002	8.47	.00855	.000	1
S3	.62500	.63884	.014	2.22	.14381	.001	1
S4	1.2500	1.2380	-.012	-.962	.27510	.002	1
S5	2.5000	2.4965	-.004	-.141	.55095	.002	1

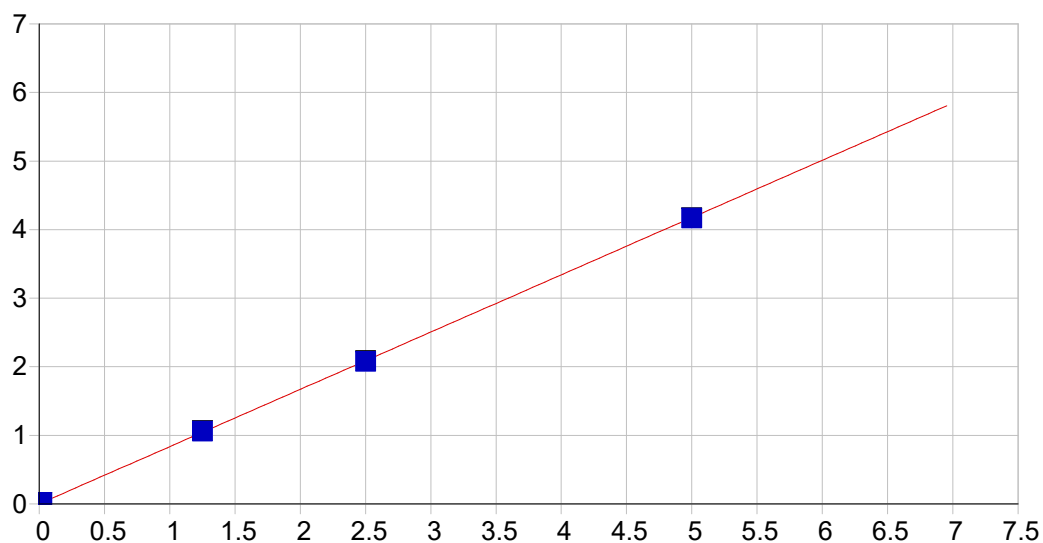


Fe 259.837 {130}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000299 Re-Slope: 1.000000
 A1 (Gain): 0.046872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.006677
 Predicted MQL: 0.022256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00030	.000	1
S1	.10000	.10426	.004	4.26	.00520	.000	1
S3	2.5000	2.5503	.050	2.01	.12041	.001	1
S4	5.0000	4.9675	-.033	-.650	.23428	.001	1
S5	10.000	9.9780	-.022	-.220	.47028	.002	1

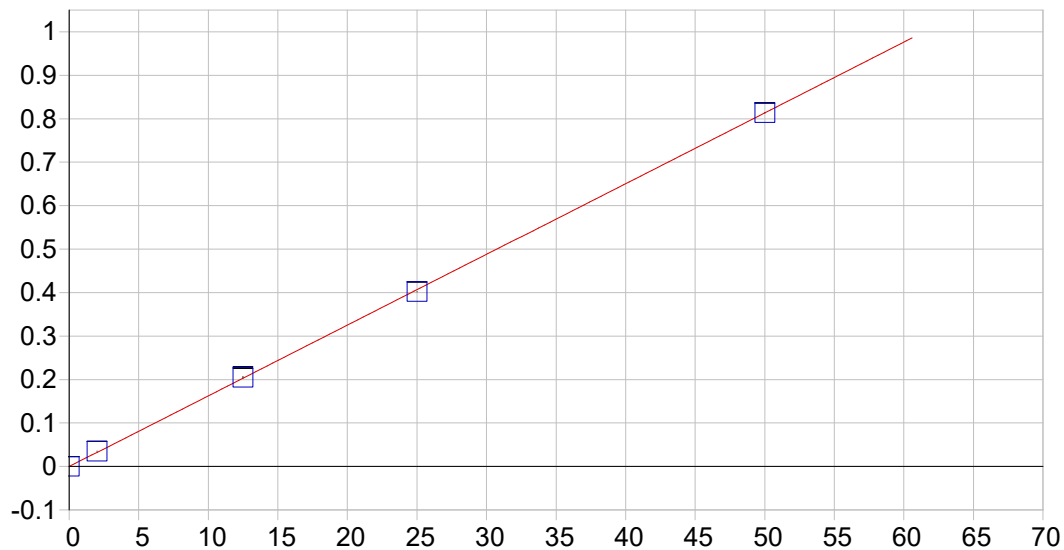


Mn 257.610 {131}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000440 Re-Slope: 1.000000
 A1 (Gain): 0.835118 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000377
 Predicted MQL: 0.001256

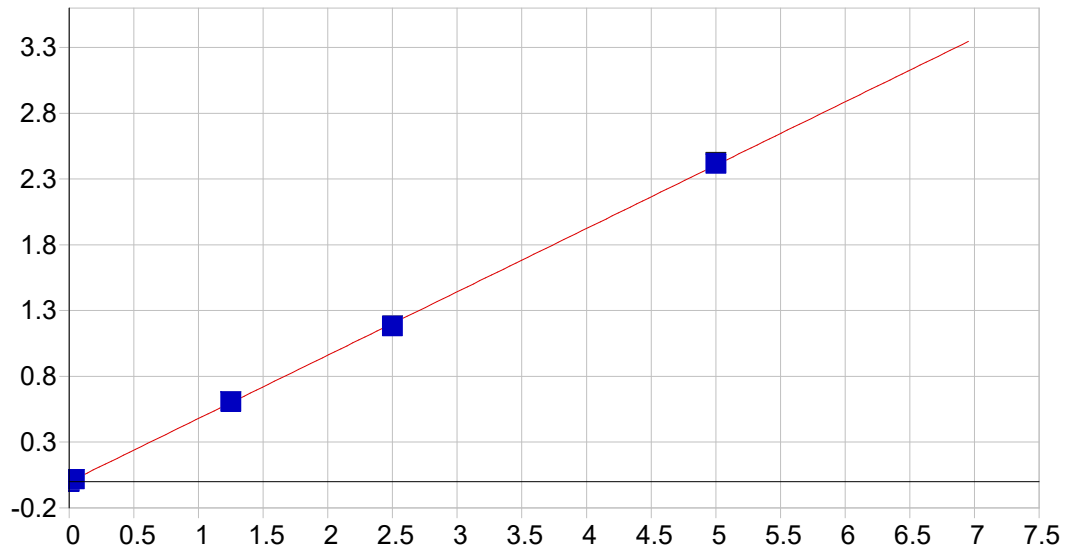
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.02000	.02235	.002	11.8	.01911	.000	1
S3	1.2500	1.2703	.020	1.62	1.0615	.006	1
S4	2.5000	2.4877	-.012	-.491	2.0783	.007	1
S5	5.0000	4.9896	-.010	-.207	4.1681	.005	1

**Mg 279.079 {121}**

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000196 Re-Slope: 1.000000
 A1 (Gain): 0.016270 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.023010
 Predicted MQL: 0.076698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	-.00020	.000	1
S2	2.0000	2.1633	.163	8.16	.03500	.001	1
S3	12.500	12.598	.098	.784	.20477	.002	1
S4	25.000	24.708	-.292	-1.17	.40179	.001	1
S5	50.000	50.031	.031	.062	.81379	.001	1

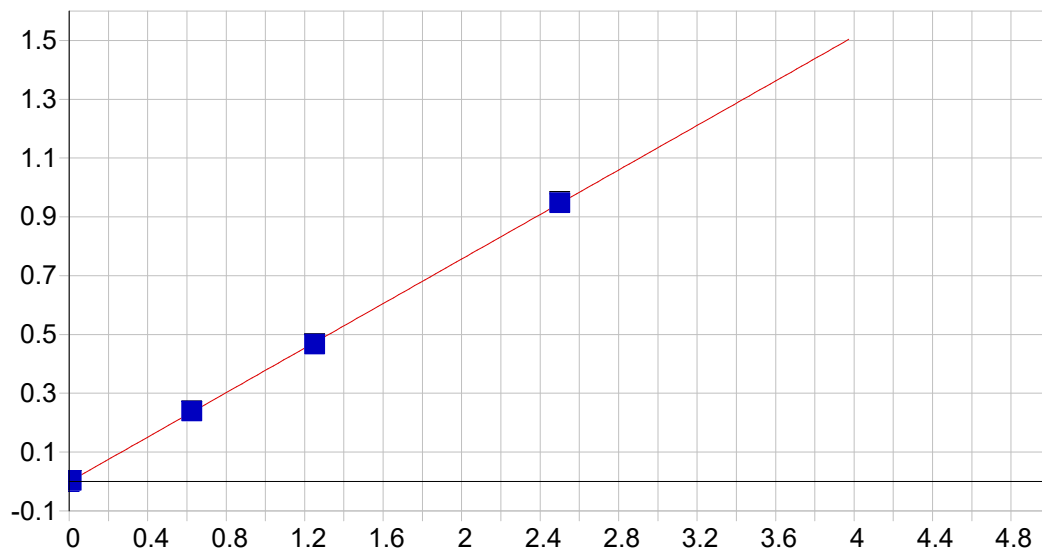


Ni 231.604 {446}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001462 Re-Slope: 1.000000
 A1 (Gain): 0.481400 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.000544
 Predicted MQL: 0.001812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00146	.000	1
S1	.04000	.04261	.003	6.52	.01907	.000	1
S3	1.2500	1.2633	.013	1.06	.60725	.001	1
S4	2.5000	2.4597	-.040	-1.61	1.1838	.000	1
S5	5.0000	5.0244	.024	.489	2.4196	.008	1

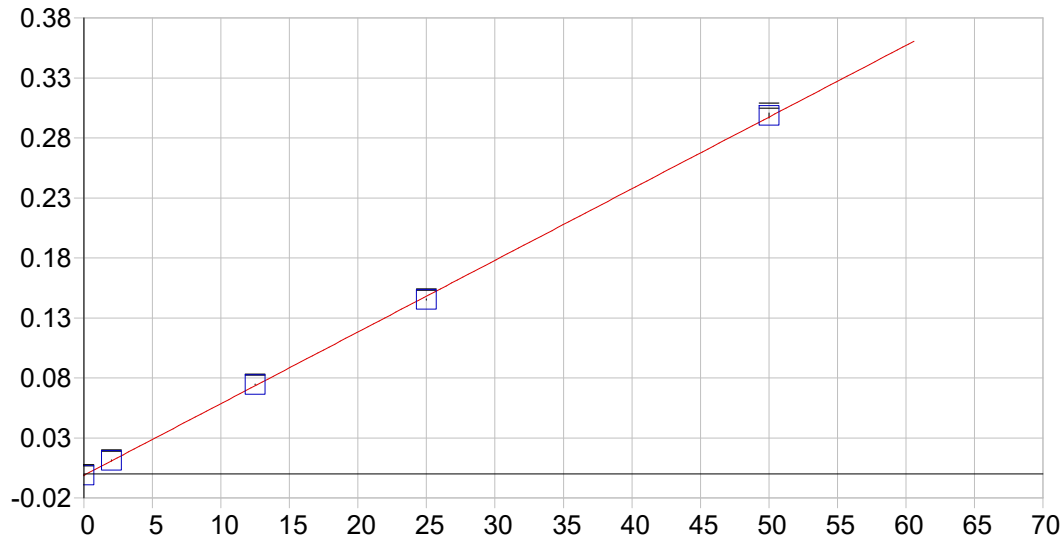


Ag 328.068 {103}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000639 Re-Slope: 1.000000
A1 (Gain): 0.378616 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999964 Status: OK.
Std Error of Est: 0.000027
Predicted MDL: 0.000478
Predicted MQL: 0.001592

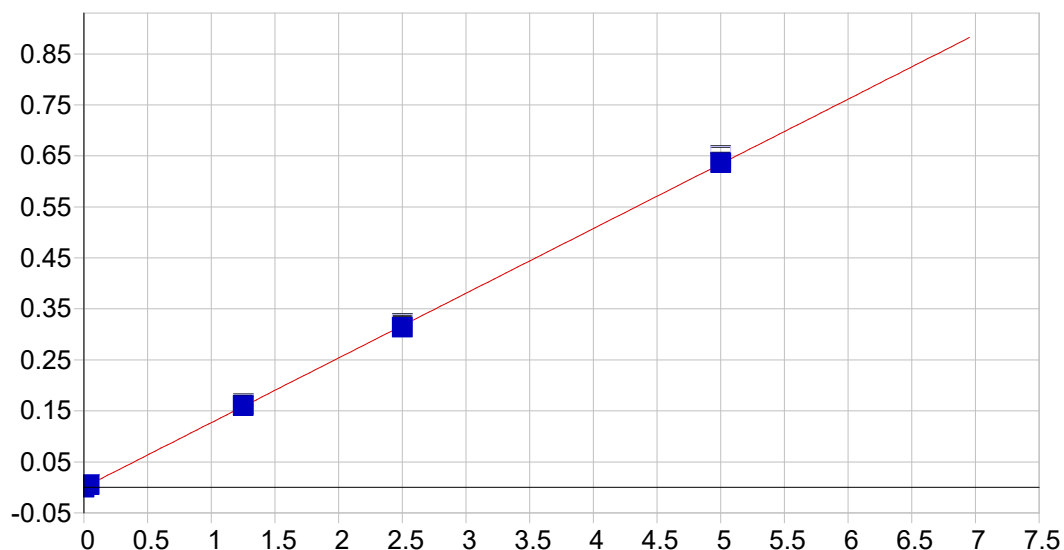
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.01000	.01037	.000	3.71	.00328	.000	1
S3	.62500	.63310	.008	1.30	.23886	.001	1
S4	1.2500	1.2350	-.015	-1.20	.46656	.003	1
S5	2.5000	2.5065	.006	.259	.94753	.004	1

**Na 818.326 {41}**

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001134 Re-Slope: 1.000000
A1 (Gain): 0.005969 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999923 Status: OK.
Std Error of Est: 0.000040
Predicted MDL: 0.298031
Predicted MQL: 0.993435

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-.00113	.001	1
S2	2.0000	2.0585	.059	2.93	.01115	.001	1
S3	12.500	12.673	.173	1.38	.07452	.000	1
S4	25.000	24.536	-.464	-1.86	.14533	.001	1
S5	50.000	50.233	.233	.466	.29873	.002	1

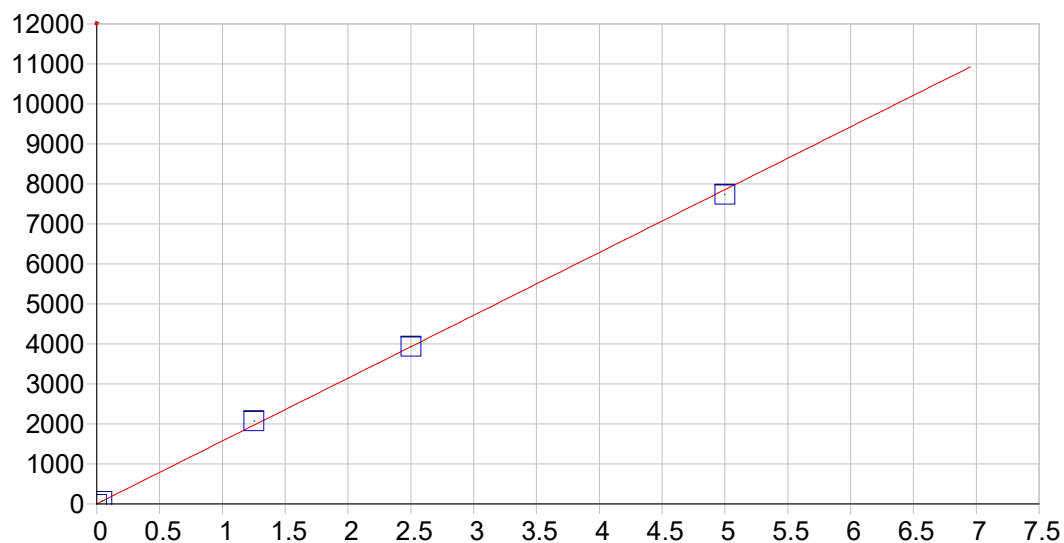


V 292.402 {115}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.126842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003041
 Predicted MQL: 0.010137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.04000	.04166	.002	4.15	.00564	.000	1
S3	1.2500	1.2601	.010	.809	.16310	.001	1
S4	2.5000	2.4715	-.029	-1.14	.31990	.001	1
S5	5.0000	5.0167	.017	.334	.64907	.001	1

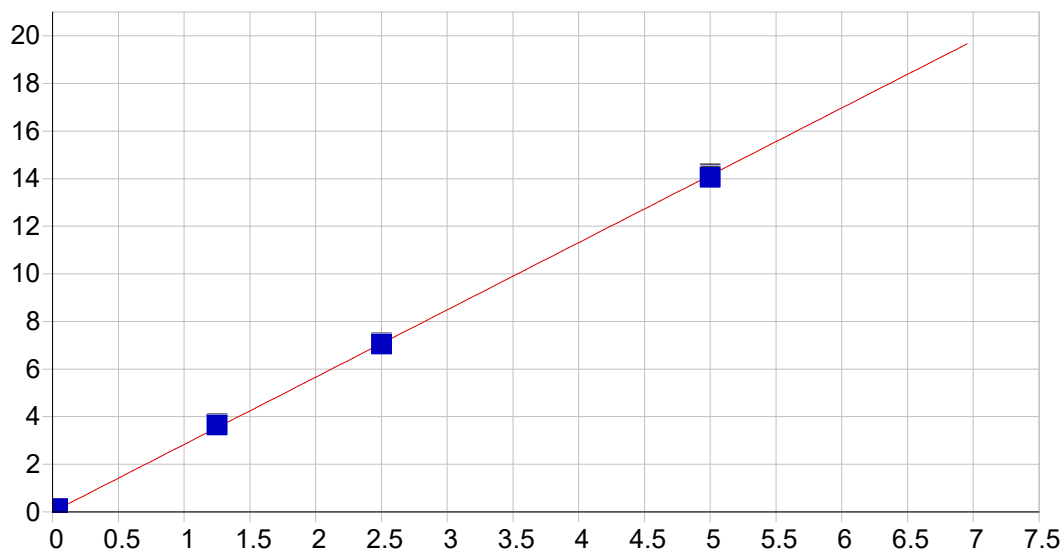


Zn 206.200 {464}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.936761 Re-Slope: 1.000000
 A1 (Gain): 1570.949272 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672 Status: OK.
 Std Error of Est: 0.974412
 Predicted MDL: 0.000337
 Predicted MQL: 0.001124

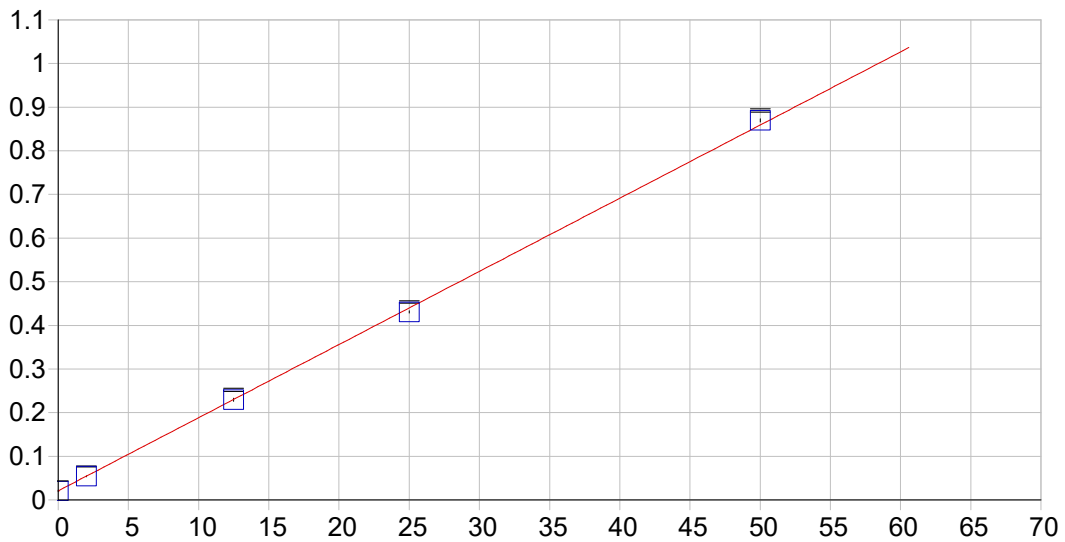
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	1.9242	.415	1
S1	.04000	.04642	.006	16.1	74.864	.227	1
S3	1.2500	1.3164	.066	5.31	2070.0	1.08	1
S4	2.5000	2.5048	.005	.193	3936.9	5.74	1
S5	5.0000	4.9223	-.078	-1.55	7734.7	10.3	1

**Zn 213.856 {158}**

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003395 Re-Slope: 1.000000
 A1 (Gain): 2.828134 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.001084
 Predicted MDL: 0.000348
 Predicted MQL: 0.001160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00338	.000	1
S1	.04000	.04532	.005	13.3	.13221	.001	1
S3	1.2500	1.2892	.039	3.14	3.6694	.022	1
S4	2.5000	2.4877	-.012	-.493	7.0788	.024	1
S5	5.0000	4.9678	-.032	-.644	14.133	.060	1

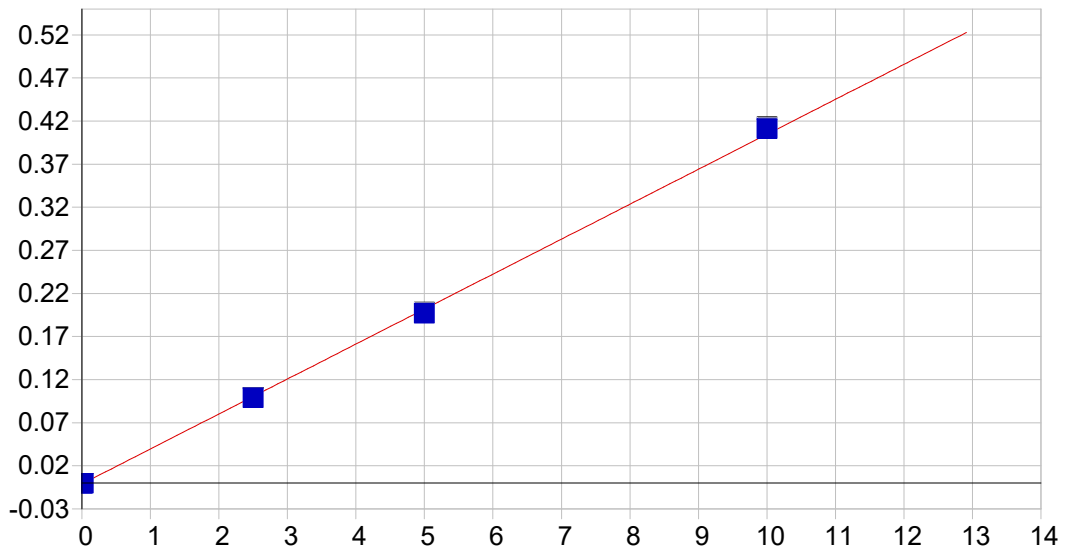


K 769.896 { 44}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020797 Re-Slope: 1.000000
 A1 (Gain): 0.016764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.088358
 Predicted MQL: 0.294528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.02080	.002	1
S2	2.0000	1.9774	-.023	-1.13	.05395	.001	1
S3	12.500	12.453	-.047	-.373	.22956	.003	1
S4	25.000	24.446	-.554	-2.22	.43060	.003	1
S5	50.000	50.624	.624	1.25	.86945	.004	1

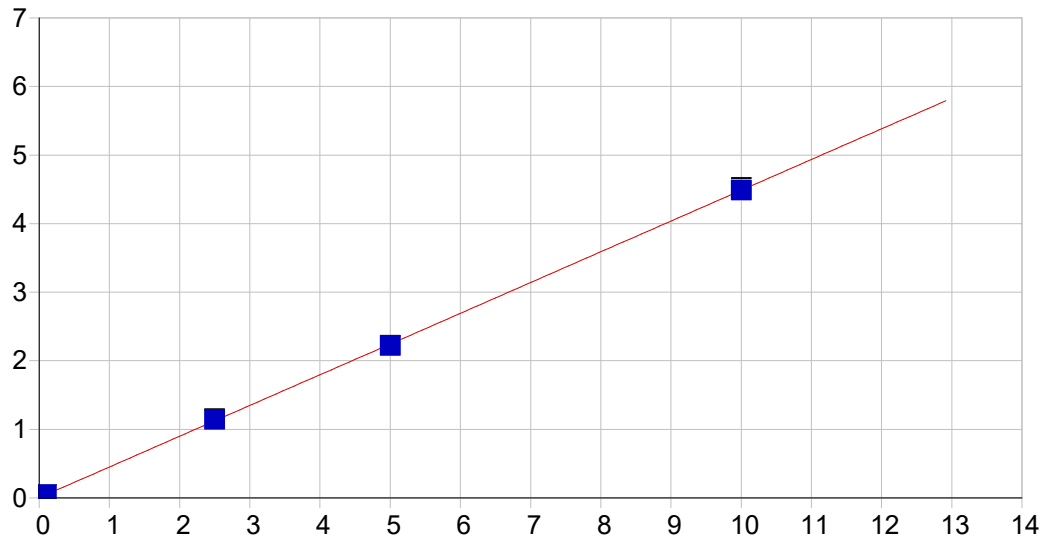


P 177.495 {490}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000979 Re-Slope: 1.000000
 A1 (Gain): 0.040566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003116
 Predicted MQL: 0.010386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00098	.000	1
S1	.02000	.02111	.001	5.54	-.00011	.000	1
S3	2.5000	2.4587	-.041	-1.65	.09900	.000	1
S4	5.0000	4.8810	-.119	-2.38	.19749	.001	1
S5	10.000	10.159	.159	1.59	.41208	.001	1

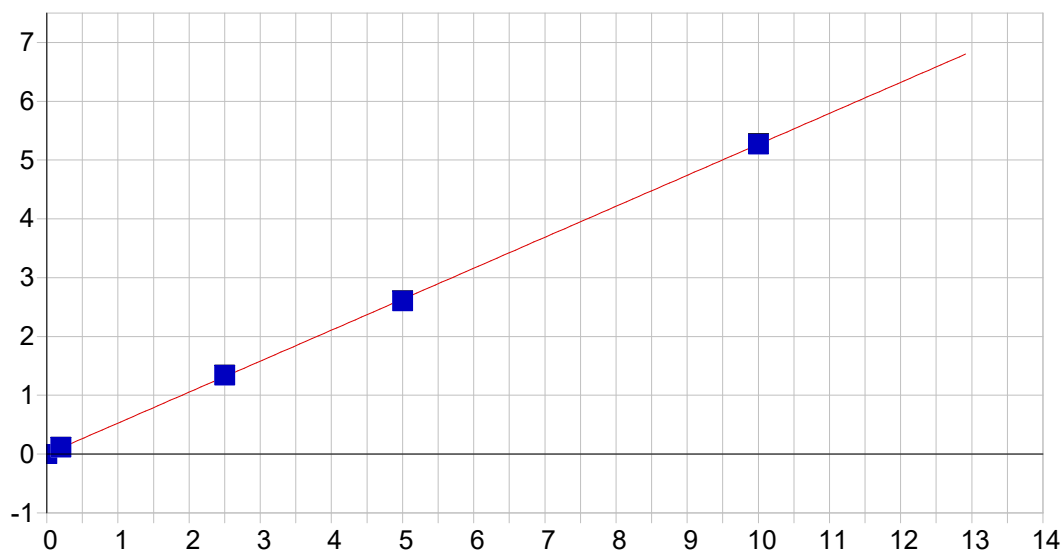


B 249.678 {135}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002593 Re-Slope: 1.000000
 A1 (Gain): 0.448318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.001021
 Predicted MQL: 0.003402

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00259	.001	1
S1	.10000	.10193	.002	1.93	.04812	.000	1
S3	2.5000	2.5428	.043	1.71	1.1400	.009	1
S4	5.0000	4.9462	-.054	-1.08	2.2150	.006	1
S5	10.000	10.009	.009	.091	4.4796	.035	1

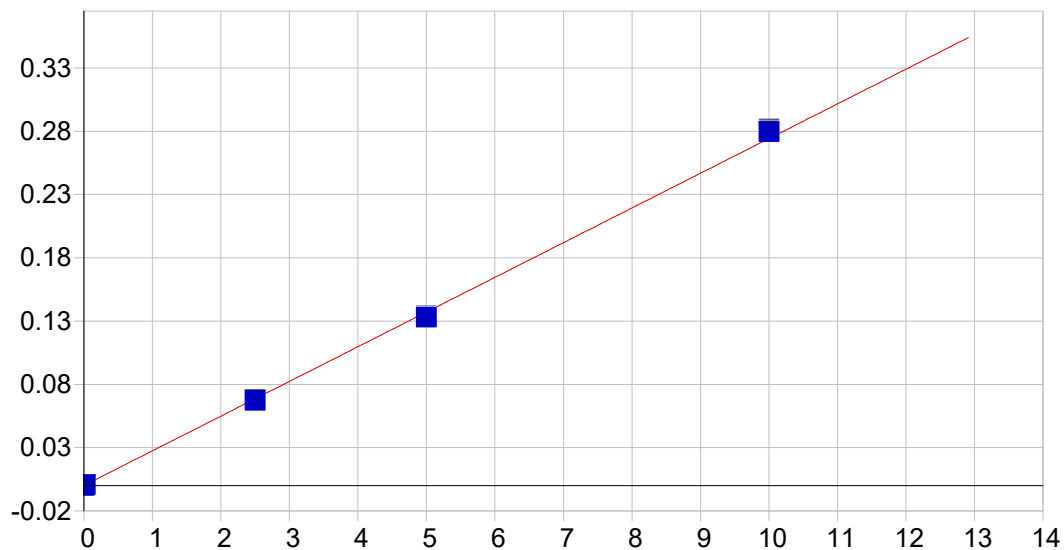


Mo 202.030 {467}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.526734 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000467
 Predicted MDL: 0.000384
 Predicted MQL: 0.001281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00009	.000	1
S1	.20000	.21410	.014	7.05	.11287	.000	1
S3	2.5000	2.5431	.043	1.72	1.3399	.001	1
S4	5.0000	4.9443	-.056	-1.11	2.6050	.004	1
S5	10.000	9.9985	-.001	-.015	5.2678	.014	1

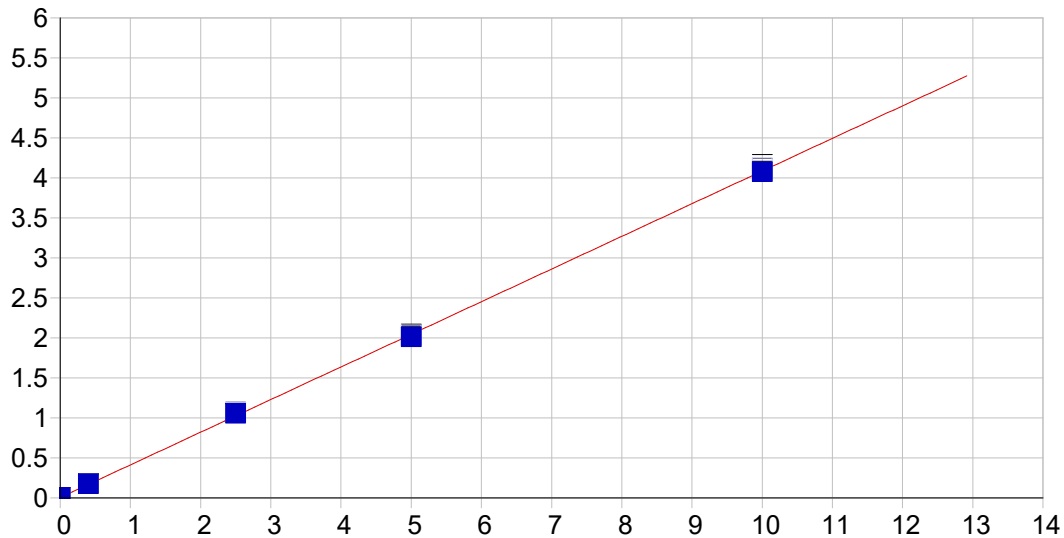


S 182.034 {485}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.027416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.005022
 Predicted MQL: 0.016739

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.02000	.02519	.005	26.0	.00074	.000	1
S3	2.5000	2.4498	-.050	-2.01	.06756	.000	1
S4	5.0000	4.8516	-.148	-2.97	.13373	.000	1
S5	10.000	10.194	.194	1.94	.28084	.001	1

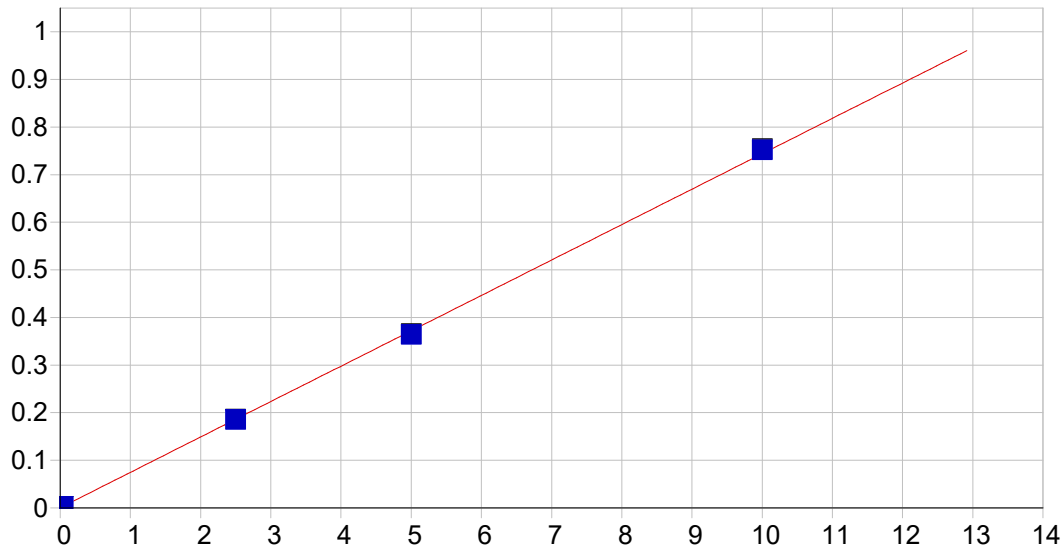


Si 251.611 {134}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004689 Re-Slope: 1.000000
 A1 (Gain): 0.408065 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000716
 Predicted MDL: 0.001144
 Predicted MQL: 0.003812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00468	.000	1
S1	.40000	.42177	.022	5.44	.17758	.001	1
S3	2.5000	2.5744	.074	2.98	1.0672	.005	1
S4	5.0000	4.9229	-.077	-1.54	2.0376	.009	1
S5	10.000	9.9811	-.019	-.189	4.1257	.043	1

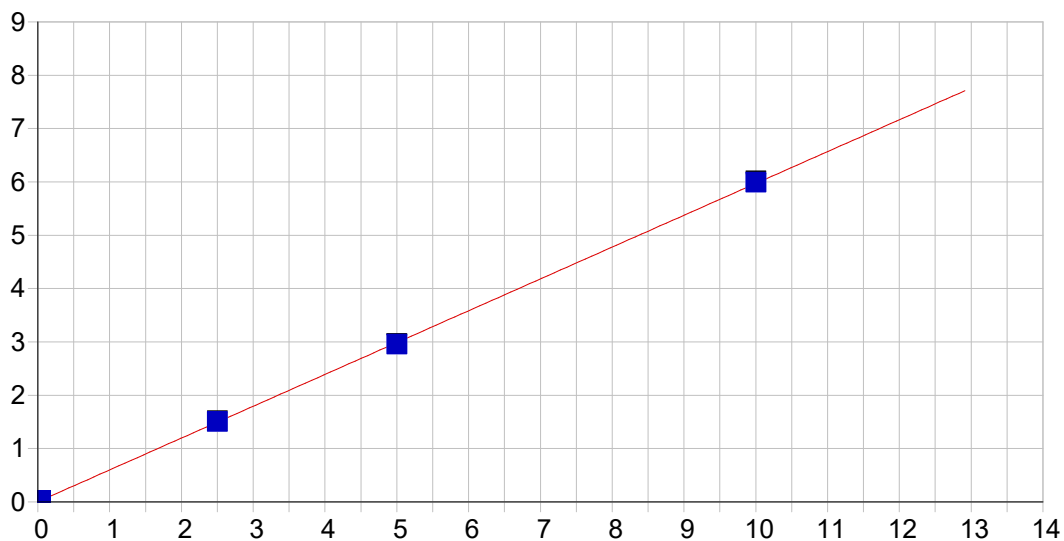


Sn 189.989 [478]

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.074359 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001588
 Predicted MQL: 0.005293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.04000	.03800	-.002	-5.00	.00310	.000	1
S3	2.5000	2.4903	-.010	-.388	.18531	.001	1
S4	5.0000	4.8991	-.101	-2.02	.36427	.001	1
S5	10.000	10.113	.113	1.13	.75166	.002	1

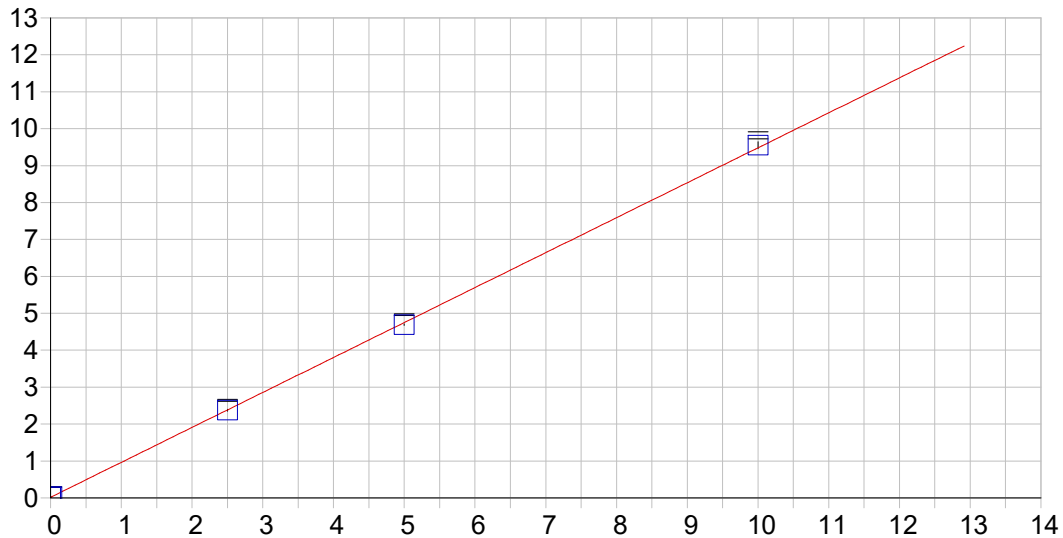


TI 336.121 {100}

Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003114 Re-Slope: 1.000000
 A1 (Gain): 0.596834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.001076
 Predicted MQL: 0.003586

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00311	.000	1
S1	.04000	.03993	-.000	-.170	.02693	.001	1
S3	2.5000	2.5205	.020	.819	1.5069	.009	1
S4	5.0000	4.9463	-.054	-1.07	2.9542	.011	1
S5	10.000	10.033	.033	.333	5.9893	.024	1

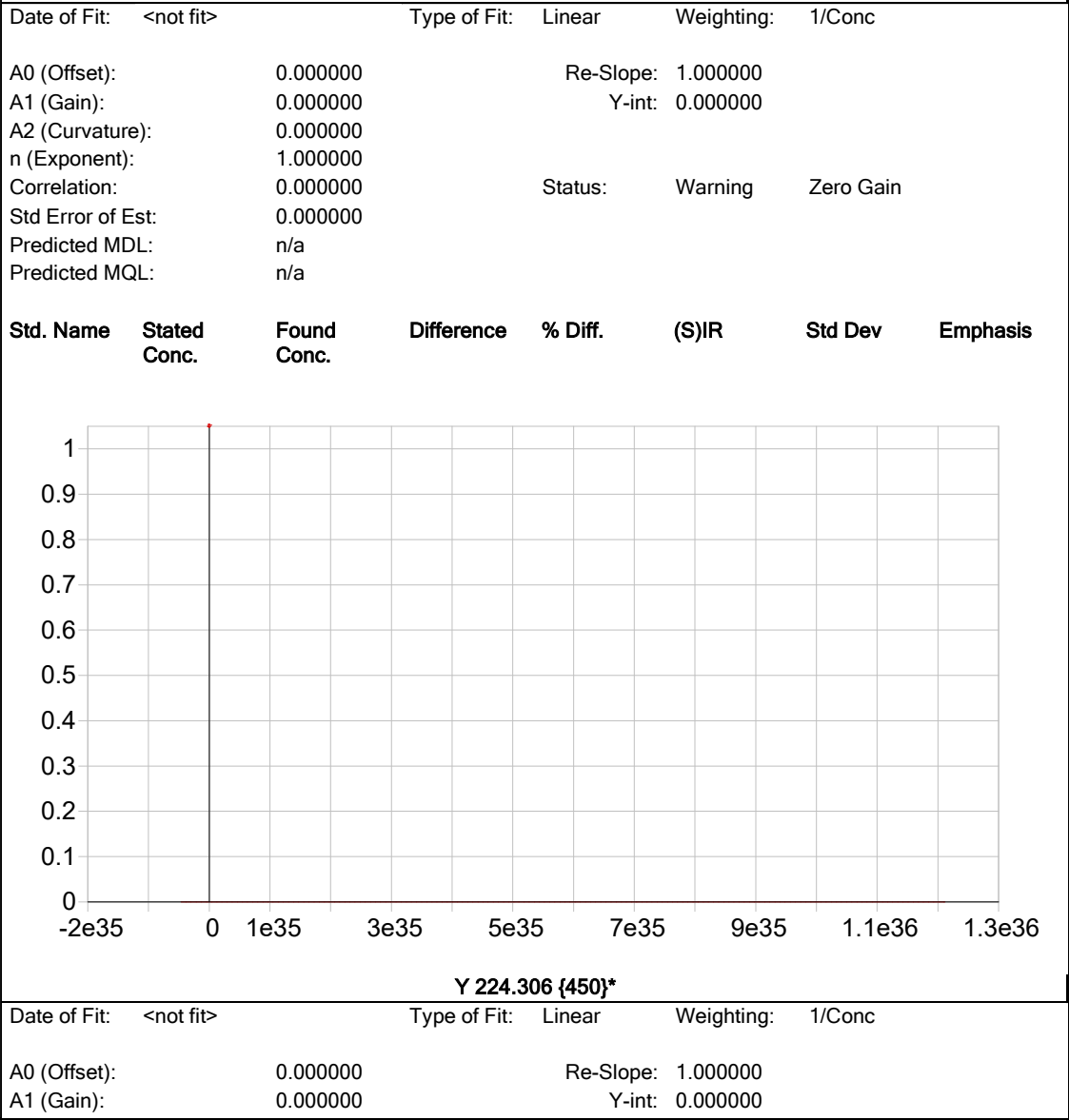
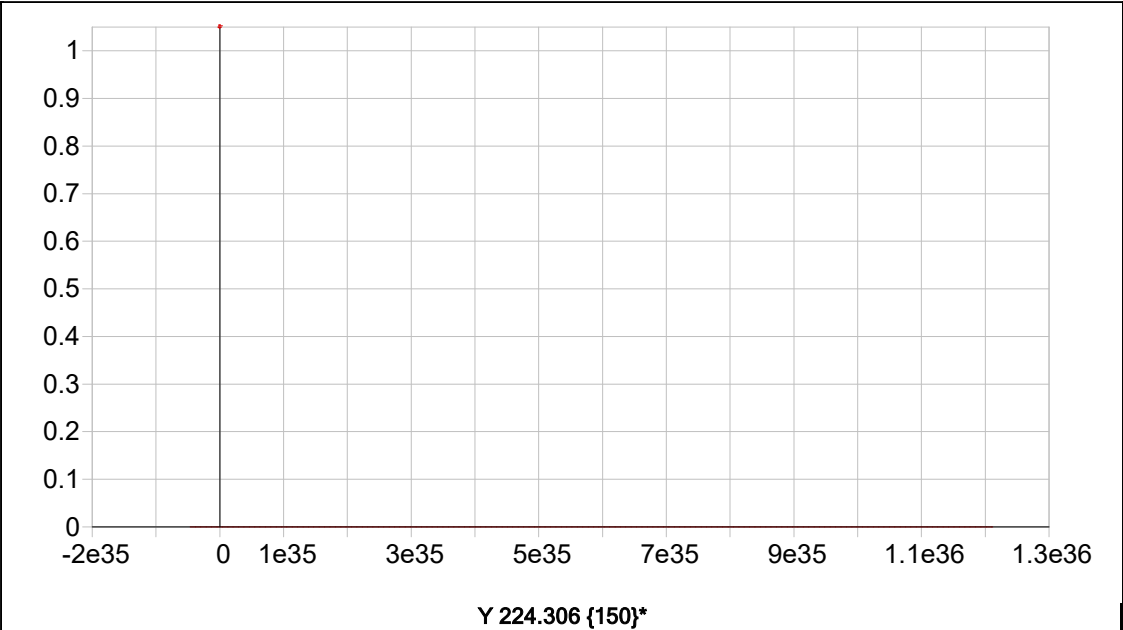


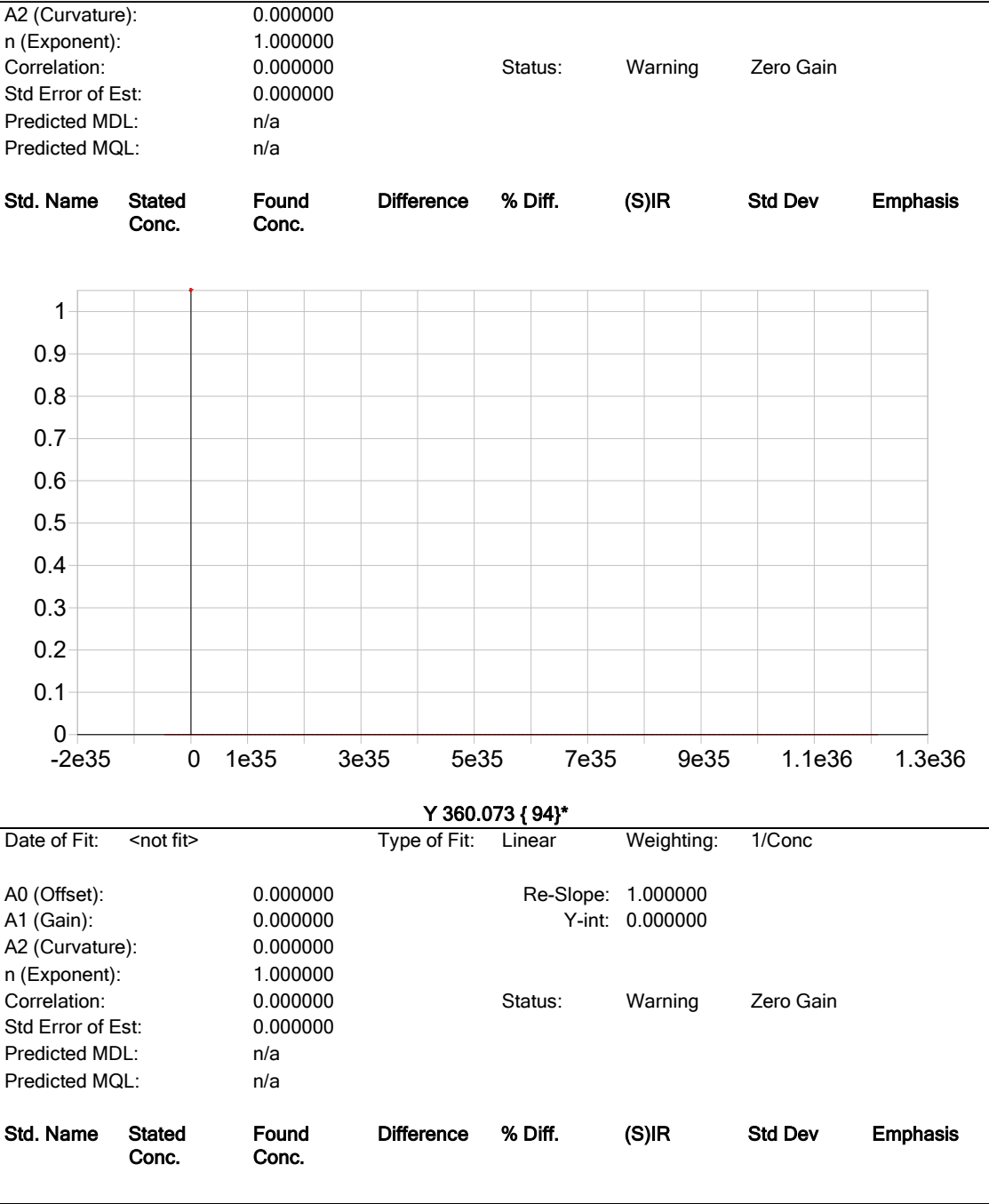
LI 670.784 {50}

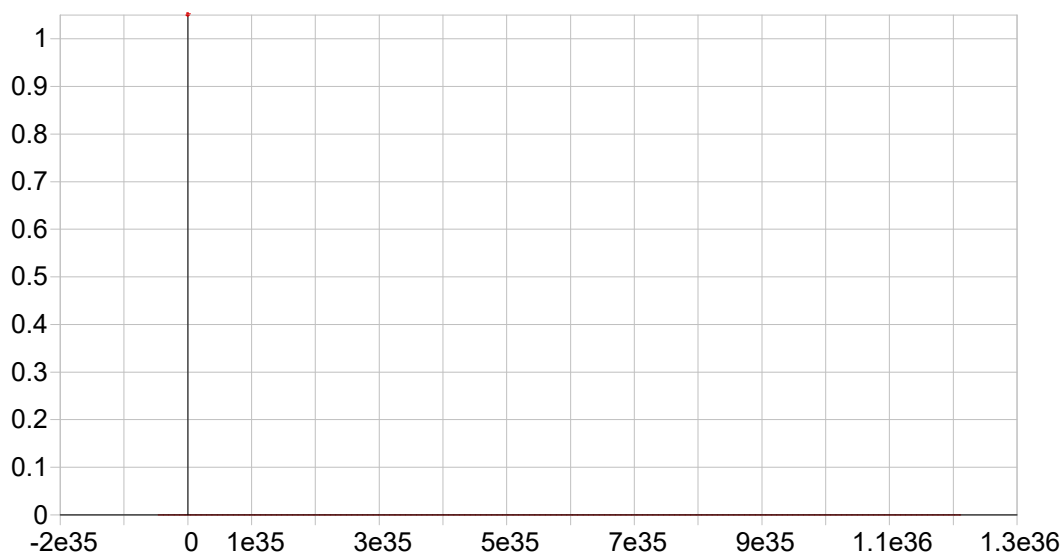
Date of Fit: 10/08/2019 17:30:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016297 Re-Slope: 1.000000
 A1 (Gain): 0.946607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000268
 Predicted MDL: 0.001948
 Predicted MQL: 0.006495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01630	.001	1
S5	10.000	10.074	.074	.736	9.5520	.092	1
S4	5.0000	4.9370	-.063	-1.26	4.6897	.021	1
S3	2.5000	2.4941	-.006	-.237	2.3772	.028	1
S1	.02000	.01540	-.005	-23.0	.03088	.001	1



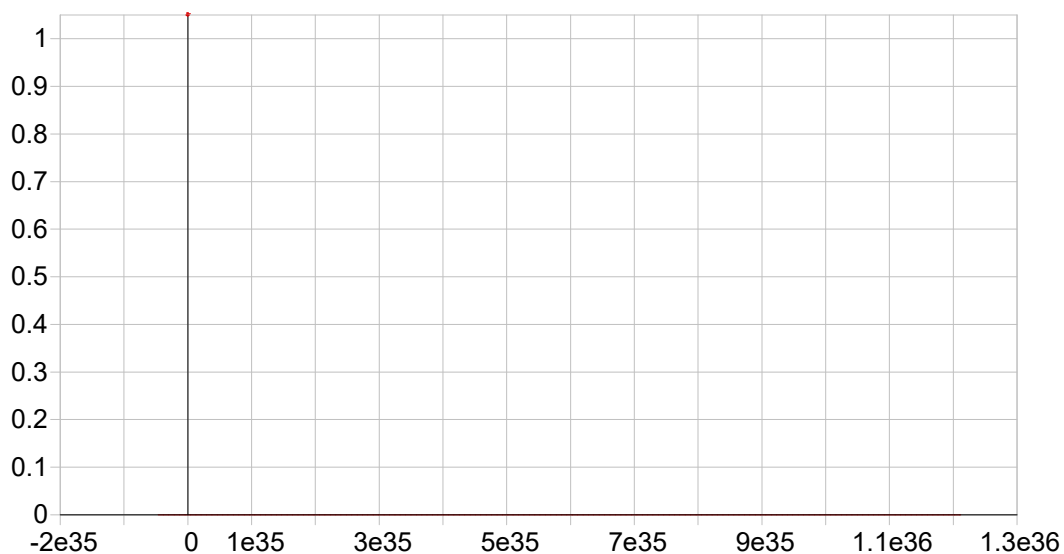




Y 371.030 { 91}*

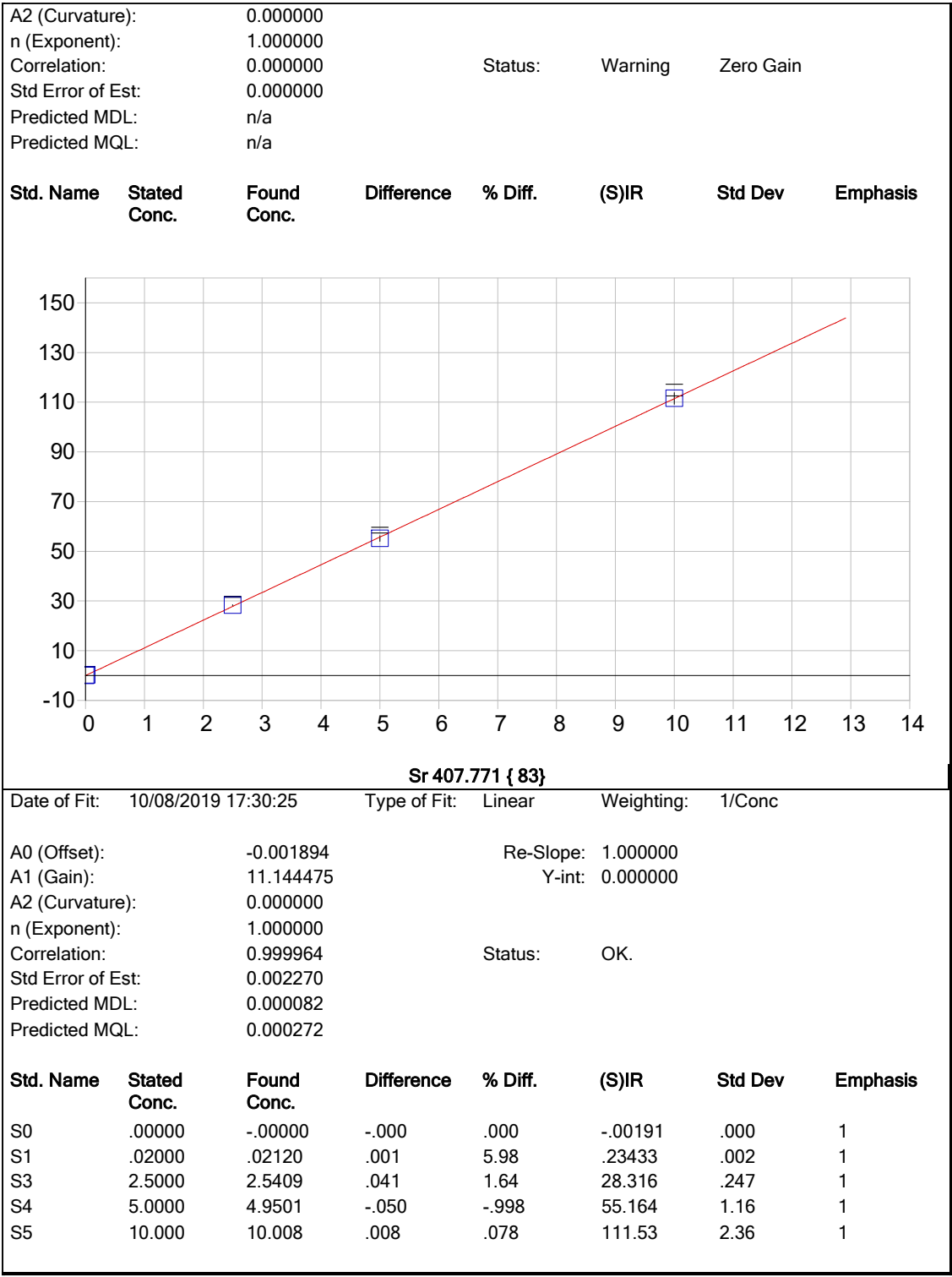
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		



Sample Name: S0 Acquired: 10/08/2019 16:05:03 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00006	-.00038	-.00009	.00046	.00022	.00530	.00445	-.00062
Stddev	.00008	.00011	.00021	.00010	.00005	.00073	.00112	.00016
%RSD	140.63	29.377	233.61	23.001	23.584	13.707	25.049	25.295

#1	-.00005	-.00026	-.00018	.00055	.00021	.00486	.00574	-.00063
#2	.00002	-.00040	.00015	.00047	.00017	.00614	.00372	-.00076
#3	-.00014	-.00049	-.00024	.00034	.00027	.00490	.00390	-.00045

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00005	.00208	-.00000	.00038	.00377	.00030	.00044	-.00020
Stddev	.00001	.00029	.00011	.00019	.00016	.00032	.00037	.00022
%RSD	14.164	13.760	9831.5	50.694	4.2460	108.04	84.720	109.11

#1	-.00005	.00176	.00001	.00040	.00370	.00064	.00001	-.00001
#2	-.00005	.00230	.00010	.00018	.00395	.00027	.00062	-.00043
#3	-.00004	.00219	-.00011	.00057	.00366	-.00001	.00069	-.00015

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00146	-.00064	-.00113	.00010	.00338	.02080	-.00098	.00259
Stddev	.00027	.00021	.00056	.00019	.00038	.00190	.00011	.00068
%RSD	18.732	32.819	49.457	189.06	11.248	9.1436	11.076	26.160

#1	-.00178	-.00087	-.00077	-.00000	.00346	.02281	-.00110	.00337
#2	-.00132	-.00046	-.00085	-.00001	.00371	.02055	-.00093	.00211
#3	-.00129	-.00059	-.00178	.00032	.00296	.01903	-.00090	.00230

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00009	.00007	.00468	.00028	.00311	.01630	-.00191	
Stddev	.00014	.00015	.00032	.00003	.00028	.00127	.00029	
%RSD	163.14	223.74	6.9368	10.442	9.1462	7.7636	15.282	

#1	-.00005	-.00011	.00471	.00027	.00335	.01748	-.00158	
#2	.00008	.00017	.00434	.00025	.00319	.01646	-.00203	
#3	.00023	.00014	.00499	.00031	.00280	.01497	-.00212	

Sample Name: S0 Acquired: 10/08/2019 16:05:03 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1663.9	3070.4	38929.	7162.6	3176.0
Stddev	16.9	11.8	422.	104.7	8.1
%RSD	1.0138	.38293	1.0838	1.4624	.25465
#1	1644.6	3056.9	38484.	7044.5	3167.3
#2	1670.8	3075.8	38980.	7198.9	3177.3
#3	1676.2	3078.5	39324.	7244.3	3183.3

Sample Name: S1 Acquired: 10/08/2019 16:08:55 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00060	.00145	.00224	.00137	.00502	.01395	.32612	.02577
Stddev	.00007	.00006	.00004	.00009	.00012	.00083	.00325	.00037
%RSD	11.718	4.4326	1.8957	6.8284	2.3261	5.9697	.99643	1.4290

#1	.00064	.00148	.00228	.00137	.00497	.01313	.32409	.02607
#2	.00052	.00138	.00220	.00145	.00494	.01480	.32440	.02536
#3	.00064	.00150	.00222	.00127	.00516	.01391	.32987	.02588

Elem	Cd2144	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02100	.00158	.02655	.00855	.00520	.01911	.01907	.00328
Stddev	.00035	.00004	.00016	.00022	.00033	.00030	.00030	.00016
%RSD	1.6765	2.7593	.61752	2.6040	6.3037	1.5579	1.5831	4.9501

#1	.02125	.00161	.02636	.00840	.00483	.01894	.01925	.00346
#2	.02060	.00160	.02664	.00843	.00543	.01895	.01872	.00314
#3	.02116	.00153	.02664	.00880	.00535	.01946	.01923	.00324

Elem	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00564	.13221	-.00011	.04812	.11287	.00074	.17758	.00310
Stddev	.00009	.00072	.00006	.00048	.00026	.00019	.00115	.00003
%RSD	1.6583	.54173	53.755	1.0062	.22960	25.745	.64853	1.0826

#1	.00555	.13204	-.00016	.04862	.11283	.00082	.17812	.00314
#2	.00574	.13159	-.00014	.04765	.11264	.00088	.17626	.00308
#3	.00563	.13299	-.00004	.04808	.11315	.00053	.17837	.00309

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.02693	.03088	.23433
Stddev	.00087	.00135	.00219
%RSD	3.2221	4.3874	.93313

#1	.02614	.03130	.23192
#2	.02679	.02936	.23618
#3	.02786	.03197	.23489

Sample Name: S1 Acquired: 10/08/2019 16:08:55 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.8	3118.6	39274.	7258.2	3243.2
Stddev	11.2	3.8	159.	25.9	5.2
%RSD	.67201	.12093	.40605	.35716	.15989
#1	1666.9	3117.5	39203.	7231.7	3240.5
#2	1667.8	3122.8	39163.	7283.5	3249.2
#3	1686.8	3115.6	39457.	7259.5	3240.0

Sample Name: S2 Acquired: 10/08/2019 16:12:47 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na8183	K_7698
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17108	.03500	.01115	.05395
Stddev	.00076	.00057	.00050	.00083
%RSD	.44569	1.6381	4.4958	1.5458

#1	.17169	.03537	.01129	.05298
#2	.17023	.03529	.01157	.05444
#3	.17134	.03434	.01060	.05441

Int. Std.	Y_3710
Units	Cts/S
Avg	7246.4
Stddev	67.4
%RSD	.93042

#1	7170.6
#2	7268.7
#3	7299.8

Sample Name: S3 Acquired: 10/08/2019 16:16:34 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07468	.11481	.51802	.11949	.22808	.41426	15.778	.52572
Stddev	.00011	.00024	.00191	.00052	.00025	.00255	.144	.00503
%RSD	.14135	.20981	.36911	.43877	.11041	.61449	.91075	.95698

#1	.07456	.11471	.51692	.11984	.22791	.41174	15.680	.53138
#2	.07475	.11508	.51691	.11974	.22797	.41420	15.712	.52177
#3	.07473	.11463	.52022	.11889	.22837	.41683	15.943	.52401

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1425	.98992	.07827	1.0629	.14381	.12041	1.0615	.20477
Stddev	.0050	.00825	.00018	.0022	.00140	.00148	.0062	.00232
%RSD	.11994	.83347	.22466	.21207	.97261	1.2310	.58308	1.1333

#1	4.1442	.98437	.07811	1.0629	.14223	.11890	1.0566	.20313
#2	4.1369	.98599	.07846	1.0606	.14488	.12047	1.0593	.20376
#3	4.1465	.99940	.07825	1.0651	.14432	.12187	1.0685	.20742

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.60725	.23886	.07452	.16310	3.6694	.22956	.09900	1.1400
Stddev	.00074	.00058	.00049	.00104	.0216	.00345	.00025	.0089
%RSD	.12106	.24142	.65988	.64067	.58725	1.5025	.24768	.78264

#1	.60707	.23819	.07492	.16204	3.6551	.22564	.09905	1.1499
#2	.60662	.23912	.07397	.16312	3.6590	.23093	.09873	1.1326
#3	.60806	.23925	.07466	.16413	3.6942	.23212	.09921	1.1376

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3399	.06756	1.0672	.18531	1.5069	2.3772	28.316
Stddev	.0012	.00020	.0048	.00064	.0090	.0276	.247
%RSD	.08554	.30289	.45110	.34346	.59992	1.1603	.87404

#1	1.3396	.06773	1.0720	.18554	1.4981	2.3712	28.049
#2	1.3412	.06760	1.0624	.18459	1.5065	2.3532	28.359
#3	1.3390	.06733	1.0673	.18579	1.5162	2.4073	28.538

Sample Name: S3 Acquired: 10/08/2019 16:16:34 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.0	3095.7	39231.	7215.6	3169.8
Stddev	13.8	5.5	198.	48.4	7.4
%RSD	.82899	.17687	.50425	.67107	.23244
#1	1675.8	3090.8	39431.	7177.2	3168.2
#2	1672.0	3101.6	39227.	7270.0	3177.8
#3	1650.2	3094.8	39035.	7199.5	3163.3

Sample Name: S4 Acquired: 10/08/2019 16:20:12 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14592	.22502	1.0171	.23110	.44207	.80749	31.045	1.0148
Stddev	.00008	.00056	.0029	.00067	.00051	.00308	.170	.0052
%RSD	.05419	.24801	.28454	.28940	.11486	.38085	.54658	.51423

#1	.14600	.22536	1.0174	.23138	.44176	.80435	31.161	1.0196
#2	.14584	.22532	1.0198	.23159	.44265	.80763	30.851	1.0156
#3	.14592	.22437	1.0140	.23034	.44179	.81049	31.124	1.0092

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0838	1.9388	.15173	2.0807	.27510	.23428	2.0783	.40179
Stddev	.0089	.0050	.00061	.0018	.00191	.00072	.0066	.00052
%RSD	.11049	.25573	.39931	.08552	.69297	.30894	.31568	.12846

#1	8.0837	1.9346	.15184	2.0804	.27298	.23455	2.0710	.40166
#2	8.0927	1.9376	.15108	2.0825	.27564	.23347	2.0803	.40135
#3	8.0748	1.9443	.15228	2.0790	.27667	.23484	2.0837	.40236

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1838	.46656	.14533	.31990	7.0788	.43060	.19749	2.2150
Stddev	.0004	.00264	.00065	.00142	.0236	.00252	.00099	.0063
%RSD	.03064	.56646	.44745	.44335	.33377	.58468	.50062	.28479

#1	1.1836	.46828	.14461	.31874	7.0677	.42920	.19715	2.2222
#2	1.1842	.46351	.14588	.31949	7.1059	.43351	.19861	2.2105
#3	1.1836	.46787	.14550	.32148	7.0627	.42910	.19672	2.2122

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6050	.13373	2.0376	.36427	2.9542	4.6897	55.164
Stddev	.0039	.00037	.0086	.00097	.0108	.0210	1.162
%RSD	.14916	.27320	.41945	.26686	.36587	.44896	2.1068

#1	2.6065	.13369	2.0469	.36383	2.9437	4.7127	54.017
#2	2.6079	.13411	2.0358	.36539	2.9535	4.6715	56.340
#3	2.6006	.13338	2.0300	.36360	2.9653	4.6848	55.136

Sample Name: S4 Acquired: 10/08/2019 16:20:12 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.3	3069.4	38865.	7218.8	3106.3
Stddev	11.6	2.2	176.	55.2	2.5
%RSD	.70268	.07213	.45212	.76457	.07914
#1	1646.1	3069.1	38693.	7166.9	3106.4
#2	1641.4	3067.4	39044.	7212.7	3103.9
#3	1663.4	3071.8	38858.	7276.8	3108.8

Sample Name: S5 Acquired: 10/08/2019 16:23:57 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29623	.45869	2.0913	.46409	.89577	1.6336	61.796	2.0193
Stddev	.00072	.00135	.0063	.00174	.00084	.0093	1.106	.0178
%RSD	.24273	.29438	.30260	.37541	.09341	.57065	1.7892	.88196

#1	.29657	.45808	2.0864	.46584	.89638	1.6260	60.774	2.0184
#2	.29540	.45774	2.0890	.46236	.89481	1.6308	61.644	2.0019
#3	.29672	.46023	2.0984	.46408	.89610	1.6440	62.969	2.0375

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.498	3.9048	.30427	4.2703	.55095	.47028	4.1681	.81379
Stddev	.044	.0193	.00047	.0127	.00236	.00189	.0053	.00086
%RSD	.26795	.49448	.15299	.29777	.42816	.40198	.12835	.10577

#1	16.477	3.9198	.30423	4.2607	.54839	.46876	4.1719	.81288
#2	16.468	3.8830	.30476	4.2653	.55142	.46969	4.1620	.81391
#3	16.549	3.9115	.30383	4.2847	.55304	.47240	4.1704	.81459

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4196	.94753	.29873	.64907	14.133	.86945	.41208	4.4796
Stddev	.0077	.00395	.00208	.00125	.060	.00369	.00121	.0347
%RSD	.31908	.41650	.69698	.19217	.42768	.42418	.29363	.77477

#1	2.4129	.95132	.30107	.65040	14.189	.86528	.41088	4.4791
#2	2.4179	.94344	.29708	.64793	14.141	.87228	.41205	4.4452
#3	2.4281	.94781	.29804	.64887	14.069	.87078	.41330	4.5146

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.2678	.28084	4.1257	.75166	5.9893	9.5520	111.53	
Stddev	.0140	.00078	.0429	.00206	.0239	.0925	2.36	
%RSD	.26648	.27819	1.0389	.27399	.39814	.96823	2.1152	

#1	5.2778	.28148	4.1141	.74968	5.9851	9.6524	108.84	
#2	5.2518	.27997	4.0898	.75152	5.9678	9.4702	112.48	
#3	5.2739	.28106	4.1731	.75379	6.0150	9.5334	113.26	

Sample Name: S5 Acquired: 10/08/2019 16:23:57 Type: Cal
Method: NON EPA-6010-200.7(v178) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.8	3021.5	38361.	7185.2	2992.2
Stddev	6.6	5.9	170.	40.9	11.2
%RSD	.41028	.19377	.44201	.56948	.37266
#1	1613.5	3024.5	38171.	7178.4	3002.9
#2	1616.5	3025.1	38411.	7229.1	2993.1
#3	1626.2	3014.7	38499.	7148.2	2980.7

Sample Name: ICV01 Acquired: 10/08/2019 16:37:52 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017394	1.032682	1.008760	1.003550	.9935878	2.567563
Stddev	.004446	.006288	.001899	.002346	.0023844	.025266
%RSD	.4369726	.6088561	.1882377	.2337969	.2399818	.9840375

#1	1.019567	1.025720	1.010447	1.001034	.9961222	2.551591
#2	1.012280	1.034380	1.006704	1.003937	.9932524	2.554405
#3	1.020335	1.037946	1.009128	1.005678	.9913889	2.596692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5095044	.4984073	.5050499	10.17489	.5106990	.5054775
Stddev	.0030558	.0037626	.0010709	.06677	.0002277	.0005983
%RSD	.5997657	.7549219	.2120406	.6562159	.0445815	.1183673

#1	.5063296	.4946976	.5041676	10.09785	.5109567	.5053254
#2	.5124255	.4983035	.5047406	10.21077	.5105252	.5049699
#3	.5097581	.5022207	.5062414	10.21605	.5106150	.5061372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5166641	5.307759	.5097976	6.043969	.5115619	.5010416
Stddev	.0034820	.035456	.0020682	.087554	.0006782	.0022989
%RSD	.6739463	.6680009	.4056987	1.448615	.1325744	.4588277

#1	.5129755	5.269549	.5079460	5.946750	.5109619	.5013778
#2	.5171229	5.339596	.5120297	6.068559	.5114261	.5031539
#3	.5198941	5.314133	.5094171	6.116599	.5122978	.4985931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12970	.4738308	1.030733	9.915660	F -.004689	2.609812
Stddev	.17197	.0055635	.004604	.138887	.000931	.022802
%RSD	1.697713	1.174150	.4466861	1.400679	19.86216	.8736843

#1	9.98948	.4674427	1.026440	9.755288	-.005315	2.588399
#2	10.32158	.4776135	1.030163	9.995911	-.005134	2.607251
#3	10.07804	.4764362	1.035595	9.995782	-.003619	2.633785

Sample Name: ICV01 Acquired: 10/08/2019 16:37:52 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.650817	F .0032038	2.397859	2.559653	2.558433	F -.002433
Stddev	.009045	.0036361	.029715	.008423	.015300	.001644
%RSD	.3412313	113.4942	1.239245	.3290847	.5980366	67.55411

#1	2.641694	.0073982	2.372374	2.552123	2.542514	-.000843
#2	2.650974	.0012707	2.390703	2.558085	2.573028	-.004126
#3	2.659783	.0009426	2.430498	2.568750	2.559758	-.002332

Elem	Sr4077
Units	ppm
Avg	F .0119333
Stddev	.0000433
%RSD	.3625302

#1	.0118837
#2	.0119535
#3	.0119628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.856	3093.776	38992.68	7311.339	3197.087
Stddev	6.618	6.032	349.67	21.415	5.081
%RSD	.3968213	.1949800	.8967455	.2928983	.1589135

#1	1665.936	3087.111	38819.60	7335.762	3193.146
#2	1662.409	3098.862	38763.31	7295.775	3202.821
#3	1675.222	3095.354	39395.13	7302.481	3195.295

Sample Name: LLICV01 Acquired: 10/08/2019 16:41:29 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233776	.0413089	.0123894	.0216476	.0535041	.1078260	.1038796
Stddev	.0008850	.0024035	.0007412	.0008257	.0021572	.0148738	.0012590
%RSD	3.785712	5.818328	5.982820	3.814435	4.031845	13.79429	1.211928

#1	.0230216	.0394588	.0117655	.0218429	.0519567	.0908472	.1025276
#2	.0243852	.0440255	.0121940	.0223581	.0559682	.1140744	.1040929
#3	.0227260	.0404425	.0132088	.0207417	.0525873	.1185563	.1050183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065752	.0064273	2.094416	.0102789	.0312316	.0235537	.1098710
Stddev	.0000128	.0000404	.022675	.0004501	.0001998	.0004344	.0073484
%RSD	.1952347	.6289375	1.082661	4.378642	.6396563	1.844163	6.688187

#1	.0065633	.0064316	2.069335	.0097638	.0310746	.0235433	.1017184
#2	.0065735	.0064654	2.100448	.0105964	.0311637	.0239932	.1159843
#3	.0065888	.0063849	2.113467	.0104764	.0314564	.0231246	.1119104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223811	2.104845	.0428853	.0107285	1.818298	.0397751	.0453701
Stddev	.0005215	.038105	.0001925	.0003114	.145129	.0024111	.0007402
%RSD	2.329855	1.810358	.4488523	2.902673	7.981612	6.061735	1.631542

#1	.0217808	2.067599	.0426699	.0103715	1.954228	.0375728	.0458598
#2	.0226409	2.143755	.0430405	.0109447	1.665452	.0423513	.0445186
#3	.0227217	2.103180	.0429455	.0108692	1.835213	.0394014	.0457320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.917958	.0189818	.1060742	.2162261	.0218797	.4230579	.0396082
Stddev	.104228	.0009396	.0016758	.0001870	.0036937	.0056675	.0007735
%RSD	5.434322	4.950284	1.579855	.0864739	16.88207	1.339645	1.952807

#1	1.801146	.0179574	.1051329	.2160395	.0226782	.4165299	.0403026
#2	1.951269	.0198036	.1080090	.2164135	.0251088	.4259229	.0387746
#3	2.001459	.0191845	.1050806	.2162253	.0178520	.4267209	.0397476

Sample Name: LLICV01 Acquired: 10/08/2019 16:41:29 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0409733	.0161335	.0213321
Stddev	.0004063	.0007754	.0001835
%RSD	.9916217	4.806388	.8600967

#1	.0406795	.0153109	.0211563
#2	.0414370	.0162385	.0213178
#3	.0408035	.0168511	.0215224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.185	3150.433	39527.13	7321.410	3278.528
Stddev	5.630	5.073	181.39	47.358	5.455
%RSD	.3335124	.1610312	.4588908	.6468480	.1663909

#1	1688.655	3146.063	39420.40	7369.536	3272.249
#2	1693.566	3155.997	39736.57	7319.835	3282.095
#3	1682.335	3149.239	39424.43	7274.859	3281.242

Sample Name: ICB01 Acquired: 10/08/2019 16:45:21 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003395	.0012447	-.000048	.0028087	.0010070	.0014184	-.000056
Stddev	.001470	.0004251	.001091	.0009358	.0022569	.0013868	.000687
%RSD	43.28603	34.14891	2292.620	33.31842	224.1149	97.77174	1219.427

#1	-.003231	.0009864	.000528	.0022165	.0001734	.0014761	.000118
#2	-.004940	.0017353	.000635	.0023221	-.000714	.0000037	.000527
#3	-.002015	.0010125	-.001305	.0038876	.003562	.0027755	-.000814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0000782	-.014975	-.000232	-.000275	-.000936	-.001158
Stddev	.000052	.0000454	.005958	.000180	.000229	.001072	.002981
%RSD	121.8890	58.04734	39.78513	77.71001	83.21145	114.5651	257.5147

#1	-.000013	.0000439	-.017231	-.000407	-.000408	-.001233	.002013
#2	-.000102	.0000609	-.019475	-.000047	-.000011	-.001829	-.001581
#3	-.000013	.0001296	-.008218	-.000242	-.000407	.000253	-.003905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002328	-.004252	.0001735	-.000209	-.394688	.0024575	-.000407
Stddev	.0002429	.038177	.0006257	.000392	.105105	.0026708	.000275
%RSD	104.3413	897.8790	360.6529	187.9287	26.62976	108.6808	67.45683

#1	.0004445	-.034039	.0006755	-.000625	-.476405	.0021590	-.000441
#2	-.000032	-.017503	.0003726	.000155	-.431539	-.000052	-.000663
#3	.000286	.038785	-.000528	-.000157	-.276121	.005265	-.000117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043558	.0005746	.0015106	-.000011	.0016213	.0017678	-.001121
Stddev	.043153	.0011127	.0008196	.000229	.0034601	.0003309	.000719
%RSD	99.07152	193.6582	54.25685	2121.170	213.4179	18.71605	64.18175

#1	.006268	.0005181	.0023285	-.000147	.0016384	.0021486	-.001888
#2	-.067960	-.000509	.0015142	-.000139	.0050727	.0016040	-.000462
#3	-.068981	.001714	.0006892	.000253	-.001847	.0015508	-.001011

Sample Name: ICB01 Acquired: 10/08/2019 16:45:21 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000227	-.003721	-.000063
Stddev	.000745	.000534	.000033
%RSD	328.6238	14.35712	52.64966

#1	-.000633	-.004306	-.000077
#2	-.000681	-.003600	-.000086
#3	.000633	-.003258	-.000025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.146	3115.028	39452.44	7327.543	3215.927
Stddev	7.045	1.347	222.66	35.878	8.151
%RSD	.4187926	.0432296	.5643760	.4896373	.2534616

#1	1687.365	3113.479	39414.72	7365.107	3207.186
#2	1684.940	3115.923	39691.55	7323.895	3217.276
#3	1674.133	3115.682	39251.04	7293.628	3223.320

Sample Name: CRI01 Acquired: 10/08/2019 16:49:14 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230268	.0379438	.0125509	.0198117	.0538249	.1070433	.1041749
Stddev	.0020155	.0037454	.0010224	.0034542	.0008530	.0056860	.0009810
%RSD	8.752872	9.870798	8.145665	17.43534	1.584772	5.311830	.9416899

#1	.0253383	.0413865	.0120181	.0209156	.0545238	.1123435	.1030425
#2	.0221058	.0384892	.0137296	.0225791	.0528744	.1010375	.1047668
#3	.0216364	.0339556	.0119050	.0159405	.0540766	.1077489	.1047154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065704	.0063904	2.072229	.0102457	.0309866	.0213479	.1070827
Stddev	.0000506	.0000472	.016366	.0002590	.0001493	.0011139	.0056707
%RSD	.7693276	.7385675	.7897813	2.528110	.4818793	5.218001	5.295601

#1	.0065908	.0064385	2.055439	.0102668	.0308671	.0217556	.1012926
#2	.0065128	.0063441	2.073110	.0104936	.0309387	.0222005	.1126259
#3	.0066076	.0063885	2.088136	.0099768	.0311540	.0200875	.1073295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223052	2.092898	.0429820	.0101777	1.780223	.0421615	.0446394
Stddev	.0008323	.037340	.0002953	.0001539	.054305	.0008151	.0002851
%RSD	3.731447	1.784108	.6869702	1.512131	3.050450	1.933360	.6387284

#1	.0217538	2.050194	.0428171	.0102099	1.770939	.0417257	.0449685
#2	.0218993	2.109104	.0428060	.0100102	1.838572	.0416570	.0444822
#3	.0232626	2.119397	.0433229	.0103129	1.731159	.0431020	.0444674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.836495	.0214047	.1043896	.2137618	.0214167	.4208942	.0384932
Stddev	.044062	.0026076	.0013084	.0004748	.0016835	.0023291	.0013319
%RSD	2.399233	12.18213	1.253409	.2220975	7.860718	.5533664	3.460050

#1	1.874676	.0195472	.1038736	.2139627	.0221030	.4223568	.0389565
#2	1.846528	.0243857	.1034179	.2132196	.0194985	.4182084	.0395316
#3	1.788283	.0202812	.1058774	.2141030	.0226487	.4221175	.0369915

Sample Name: CRI01 Acquired: 10/08/2019 16:49:14 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0411654	.0138133	.0211931
Stddev	.0005706	.0006436	.0000640
%RSD	1.386193	4.659412	.3017963

#1	.0412328	.0140901	.0211193
#2	.0416993	.0142722	.0212271
#3	.0405640	.0130776	.0212328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.736	3153.240	40019.50	7353.855	3281.729
Stddev	18.900	6.761	490.47	9.831	7.537
%RSD	1.102222	.2144019	1.225588	.1336866	.2296569

#1	1717.298	3149.985	40030.94	7363.706	3278.541
#2	1732.224	3161.012	40504.15	7353.816	3290.336
#3	1694.685	3148.722	39523.40	7344.044	3276.310

Sample Name: ICSA01 Acquired: 10/08/2019 16:53:06 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131772	-.011646	.0001585	.0056925	.0018496	267.9161
Stddev	.0055962	.004850	.0039889	.0060442	.0051888	5.8416
%RSD	42.46850	41.64682	2516.628	106.1773	280.5313	2.180388

#1	.0193967	-.008402	.0002655	-.000410	-.001329	262.6783
#2	.0115860	-.017222	.0040928	.011677	.007837	274.2158
#3	.0085490	-.009315	-.003883	.005810	-.000959	266.8542

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067645	.0013860	-.000799	252.7577	.0547012	.0008065
Stddev	.0002365	.0000777	.000049	5.1543	.0011010	.0003644
%RSD	3.495703	5.607902	6.089619	2.039213	2.012738	45.18373

#1	.0070211	.0013456	-.000768	247.9344	.0545461	.0005430
#2	.0067171	.0014756	-.000855	258.1889	.0558715	.0006541
#3	.0065553	.0013369	-.000775	252.1496	.0536860	.0012224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180432	103.6930	.0117508	266.1213	.0045813	.0012347
Stddev	.0023231	2.1798	.0010873	5.4849	.0003785	.0005404
%RSD	12.87506	2.102199	9.253406	2.061037	8.262014	43.77211

#1	.0196796	101.8333	.0110383	261.2001	.0043639	.0013774
#2	.0153843	106.0918	.0130023	272.0344	.0043617	.0016894
#3	.0190658	103.1539	.0112117	265.1293	.0050184	.0006372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2016097	.0044082	.0027552	-.120038	-.011445	-.062191
Stddev	.1189859	.0009182	.0005398	.015460	.002549	.002357
%RSD	59.01798	20.82995	19.59284	12.87927	22.27436	3.790690

#1	.1186111	.0053501	.0031363	-.124936	-.009960	-.064876
#2	.3379303	.0035157	.0021374	-.102722	-.009986	-.061233
#3	.1482877	.0043587	.0029918	-.132455	-.014388	-.060463

Sample Name: ICSA01 Acquired: 10/08/2019 16:53:06 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003448	.0043921	.0011297	-.006825	-.001337	W .0016346
Stddev	.0004254	.0027483	.0006681	.002088	.000522	.0036775
%RSD	123.3698	62.57331	59.14567	30.58836	38.99710	224.9829

#1	.0007871	.0045067	.0018858	-.007949	-.001092	-.002518
#2	.0003090	.0070813	.0008843	-.008110	-.000984	.002941
#3	-.000062	.0015883	.0006188	-.004416	-.001936	.004481

Elem	Sr4077
Units	ppm
Avg	F .1042222
Stddev	.0023635
%RSD	2.267714

#1	.1021445
#2	.1067935
#3	.1037286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.886	2916.630	36854.41	7057.791	2816.656
Stddev	12.810	4.642	147.13	77.313	5.780
%RSD	.8175662	.1591435	.3992152	1.095434	.2052017

#1	1568.291	2915.405	36980.14	7062.679	2823.159
#2	1553.431	2921.761	36692.60	6978.150	2814.703
#3	1578.936	2912.724	36890.48	7132.545	2812.105

Sample Name: ICSAB01 Acquired: 10/08/2019 16:56:56 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071537	.1067330	.0510665	.0507580	.6206185	264.5250
Stddev	.0061743	.0013727	.0019421	.0009325	.0029577	1.2814
%RSD	5.762055	1.286142	3.803168	1.837127	.4765704	.4844012

#1	.1021342	.1079229	.0495539	.0516409	.6175280	263.0596
#2	.1052789	.1052312	.0532567	.0497828	.6234225	265.0808
#3	.1140481	.1070450	.0503890	.0508501	.6209048	265.4347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5278237	.5157927	1.028381	250.0200	.5672596	.5147663
Stddev	.0022774	.0019189	.001578	.5984	.0020735	.0010125
%RSD	.4314800	.3720266	.1534582	.2393345	.3655250	.1966902

#1	.5261939	.5180065	1.026830	249.4347	.5695957	.5144387
#2	.5304260	.5147645	1.028328	250.6307	.5656375	.5139582
#3	.5268513	.5146069	1.029985	249.9947	.5665456	.5159021

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5279155	102.3414	.5218739	262.6151	1.024240	.2154548
Stddev	.0045885	.1081	.0023812	.6242	.002817	.0013284
%RSD	.8691724	.1056538	.4562856	.2376790	.2750184	.6165447

#1	.5230883	102.2515	.5192813	261.8961	1.021703	.2167349
#2	.5284373	102.4614	.5239634	263.0179	1.023746	.2140829
#3	.5322207	102.3112	.5223770	262.9314	1.027271	.2155467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1428783	.5331575	1.031645	-.198497	F -.010261	F -.060321
Stddev	.1695420	.0022076	.003320	.054853	.002099	.001347
%RSD	118.6619	.4140613	.3217720	27.63434	20.45811	2.232223

#1	.0479981	.5314039	1.032945	-.241479	-.012102	-.060822
#2	.3386180	.5356366	1.034119	-.217295	-.010705	-.058796
#3	.0420186	.5324321	1.027873	-.136716	-.007975	-.061345

Sample Name: ICSAB01 Acquired: 10/08/2019 16:56:56 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0000815	F -.006378	F .0004777	F -.004489	F -.001052	F -.002297
Stddev	.0007106	.003340	.0008138	.001543	.000644	.001485
%RSD	871.6558	52.36885	170.3543	34.38154	61.27009	64.65263
#1	.0008680	-.003897	.0006143	-.002712	-.001707	-.001335
#2	-.000109	-.010176	.0012147	-.005496	-.000419	-.004007
#3	-.000514	-.005062	-.000396	-.005257	-.001029	-.001548

Elem	Sr4077
Units	ppm
Avg	F .1025055
Stddev	.0005928
%RSD	.5783021
#1	.1018851
#2	.1025654
#3	.1030662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1570.672	2918.802	37071.57	7124.010	2826.567
Stddev	5.429	5.676	153.72	34.492	5.973
%RSD	.3456459	.1944713	.4146443	.4841668	.2113140
#1	1567.514	2920.902	36896.21	7086.931	2827.068
#2	1567.561	2923.130	37183.02	7129.955	2832.273
#3	1576.941	2912.376	37135.48	7155.142	2820.359

Sample Name: CCV01 Acquired: 10/08/2019 17:00:39 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085689	5.118154	5.076034	5.124235	5.098078	10.21274	10.09033
Stddev	.023146	.026429	.029127	.037493	.029430	.10618	.08700
%RSD	.4551153	.5163787	.5738121	.7316832	.5772826	1.039677	.8621992

#1	5.085863	5.123781	5.087241	5.146497	5.114686	10.09534	10.16686
#2	5.108748	5.141316	5.097893	5.145261	5.115451	10.24085	10.10844
#3	5.062457	5.089365	5.042969	5.080948	5.064098	10.30204	9.99571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2550040	2.544137	25.49356	1.026772	2.537193	1.274410	5.151772
Stddev	.0017702	.012862	.31090	.002963	.013339	.012042	.040988
%RSD	.6941743	.5055734	1.219507	.2886179	.5257450	.9448723	.7956025

#1	.2543027	2.548732	25.13500	1.030193	2.542391	1.263063	5.114734
#2	.2570174	2.554070	25.65760	1.025027	2.547149	1.273125	5.144775
#3	.2536919	2.529607	25.68808	1.025095	2.522037	1.287043	5.195808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.548646	25.39830	2.544466	1.282270	25.14156	2.543314	2.564392
Stddev	.031251	.31608	.014279	.005314	.38693	.035455	.011227
%RSD	1.226164	1.244487	.5611776	.4144341	1.538992	1.394052	.4378045

#1	2.513889	25.04855	2.551121	1.286479	24.70729	2.506864	2.555260
#2	2.557625	25.48286	2.554202	1.276298	25.26777	2.545396	2.560990
#3	2.574424	25.66350	2.528074	1.284033	25.44962	2.577683	2.576927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.27357	5.065267	5.074334	5.126105	5.056712	4.948590	5.084850
Stddev	.22932	.043572	.025117	.027694	.040967	.021683	.029214
%RSD	.9073351	.8602054	.4949902	.5402622	.8101463	.4381598	.5745318

#1	25.01064	5.105383	5.065650	5.142940	5.079891	4.936562	5.096082
#2	25.37793	5.071507	5.102642	5.141234	5.080835	4.973621	5.106781
#3	25.43215	5.018912	5.054711	5.094142	5.009411	4.935588	5.051687

Sample Name: CCV01 Acquired: 10/08/2019 17:00:39 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.101022	5.055228	4.994562
Stddev	.055603	.064014	.044373
%RSD	1.090045	1.266301	.8884225

#1	5.042076	4.985524	4.945973
#2	5.108453	5.111384	5.032939
#3	5.152535	5.068777	5.004773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.464	3106.906	39114.34	7334.355	3136.395
Stddev	6.766	13.744	230.30	29.629	15.200
%RSD	.4077367	.4423595	.5887774	.4039814	.4846266

#1	1660.681	3102.792	38956.01	7330.892	3132.112
#2	1665.540	3095.688	39378.53	7306.610	3123.796
#3	1652.172	3122.236	39008.48	7365.564	3153.276

Sample Name: LLCCV01 Acquired: 10/08/2019 17:04:26 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224383	.0417115	.0119537	.0212195	.0538735	.1130490	.1050596
Stddev	.0006165	.0038187	.0020652	.0026453	.0018131	.0057872	.0013026
%RSD	2.747530	9.155103	17.27708	12.46639	3.365524	5.119243	1.239892

#1	.0217373	.0417360	.0100466	.0232902	.0527001	.1090748	.1039765
#2	.0228958	.0378806	.0116673	.0182395	.0559618	.1196887	.1065050
#3	.0226819	.0455180	.0141472	.0221287	.0529586	.1103835	.1046971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066818	.0064812	2.091088	.0104155	.0310055	.0207139	.1060536
Stddev	.0002052	.0000493	.019430	.0005141	.0000618	.0012993	.0021701
%RSD	3.071517	.7610626	.9291730	4.935529	.1993230	6.272643	2.046223

#1	.0065421	.0065304	2.075407	.0098700	.0309464	.0210256	.1035711
#2	.0069174	.0064814	2.112825	.0104855	.0310005	.0192871	.1075899
#3	.0065858	.0064318	2.085033	.0108909	.0310697	.0218290	.1069998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222629	2.118825	.0432142	.0104506	1.988910	.0403827	.0453817
Stddev	.0001970	.052859	.0001453	.0005090	.218256	.0018201	.0011359
%RSD	.8847929	2.494719	.3363087	4.870275	10.97365	4.507098	2.502975

#1	.0221515	2.061183	.0431489	.0110039	2.228120	.0396817	.0443848
#2	.0224903	2.130266	.0433808	.0103457	1.938003	.0390173	.0466183
#3	.0221469	2.165027	.0431130	.0100023	1.800606	.0424490	.0451418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.855580	.0188800	.1136615	.2142563	.0206690	.4283960	.0391805
Stddev	.128188	.0024588	.0015382	.0006887	.0026057	.0038192	.0004251
%RSD	6.908237	13.02315	1.353330	.3214528	12.60691	.8915012	1.084889

#1	1.777862	.0188743	.1132310	.2150516	.0192145	.4248701	.0394953
#2	2.003535	.0213416	.1153690	.2138587	.0191152	.4324528	.0386970
#3	1.785342	.0164241	.1123843	.2138586	.0236773	.4278650	.0393492

Sample Name: LLCCV01 Acquired: 10/08/2019 17:04:26 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0417265	.0157674	.0216606
Stddev	.0008008	.0012101	.0000940
%RSD	1.919077	7.674456	.4339639

#1	.0417007	.0171250	.0217625
#2	.0425399	.0153746	.0216421
#3	.0409390	.0148025	.0215772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.356	3166.452	39597.31	7277.356	3289.996
Stddev	7.140	4.930	287.26	49.615	6.842
%RSD	.4211702	.1556874	.7254569	.6817738	.2079581

#1	1690.456	3162.330	39266.02	7308.478	3283.346
#2	1703.549	3171.913	39777.20	7220.139	3297.015
#3	1692.064	3165.113	39748.71	7303.451	3289.626

Sample Name: CCB01 Acquired: 10/08/2019 17:08:20 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004541	.0023356	-.000638	-.002141	.0001555	-.000419	-.000135
Stddev	.0022841	.0028602	.001193	.001481	.0014784	.011139	.000358
%RSD	502.9537	122.4615	187.0930	69.15750	950.9973	2656.373	264.9533

#1	-.000763	-.000066	.000285	-.001423	.0017334	-.006093	.000011
#2	-.000964	.005500	-.000213	-.001157	-.000069	-.007580	.000127
#3	.003089	.001574	-.001985	-.003844	-.001198	.012414	-.000542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0000976	-.013612	-.000528	-.000345	.0012113	-.007088
Stddev	.000087	.0000721	.008607	.000354	.000109	.0010036	.001276
%RSD	658.6710	73.81657	63.23008	67.12754	31.54571	82.84778	18.00516

#1	.000087	.0000893	-.007544	-.000436	-.000220	.0003364	-.008072
#2	-.000057	.0000301	-.023463	-.000919	-.000395	.0009908	-.005646
#3	-.000070	.0001735	-.009829	-.000229	-.000420	.0023069	-.007546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0136866	-.000190	-.000453	-.274489	.0003397	-.000514
Stddev	.000159	.0162891	.000445	.000153	.068477	.0019098	.000081
%RSD	368.8703	119.0150	234.1743	33.78419	24.94722	562.2316	15.84473

#1	-.000227	.0205092	.000039	-.000483	-.319730	.0003688	-.000492
#2	.000048	.0254551	-.000702	-.000287	-.308031	-.001584	-.000605
#3	.000050	-.004904	.000094	-.000588	-.195707	.002235	-.000446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.130202	.0013820	.0019451	-.000060	.0029864	.0030763	-.001109
Stddev	.046018	.0010165	.0003005	.000292	.0056385	.0013640	.000818
%RSD	35.34343	73.55092	15.45043	490.0619	188.8034	44.33987	73.70286

#1	-.078153	.0021969	.0018383	-.000074	-.001991	.0026777	-.000269
#2	-.146961	.0017063	.0017126	-.000343	.001840	.0019560	-.001902
#3	-.165492	.0002430	.0022845	.000239	.009110	.0045952	-.001158

Sample Name: CCB01 Acquired: 10/08/2019 17:08:20 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003809	-.003287	-.000010
Stddev	.0002177	.001656	.000006
%RSD	57.14661	50.39189	63.88533

#1	.0003695	-.003409	-.000006
#2	.0001691	-.001572	-.000006
#3	.0006040	-.004878	-.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.598	3127.515	39253.77	7292.044	3229.133
Stddev	11.606	2.584	264.80	108.229	2.112
%RSD	.6913975	.0826304	.6745789	1.484212	.0654115

#1	1678.608	3130.375	39148.86	7249.131	3226.896
#2	1666.987	3125.347	39057.50	7211.852	3231.094
#3	1690.198	3126.822	39554.95	7415.149	3229.407

Sample Name: LR CHECK 1 Acquired: 10/08/2019 17:14:57 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030387	-.129968	.0781214	-.007155	.0329158	1911.216
Stddev	.0057922	.012683	.0109038	.009736	.0037079	37.985
%RSD	190.6130	9.758669	13.95747	136.0636	11.26469	1.987483

#1	-.001898	-.123411	.0793821	-.010023	.0355769	1867.478
#2	.001599	-.144588	.0666420	.003692	.0344900	1930.241
#3	.009415	-.121905	.0883400	-.015135	.0286806	1935.930

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099876	.0105487	-.011624	1621.691	.0457791	.0689636
Stddev	.0005722	.0003951	.000248	21.585	.0018393	.0002505
%RSD	5.729249	3.745191	2.130382	1.331018	4.017770	.3632080

#1	.0093304	.0100965	-.011358	1602.211	.0469927	.0688165
#2	.0102575	.0108272	-.011666	1617.967	.0466817	.0688215
#3	.0103750	.0107223	-.011848	1644.896	.0436628	.0692528

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1508190	951.9593	-.026197	1895.529	.1702169	.0118313
Stddev	.0044303	9.8799	.000788	18.084	.0008291	.0004912
%RSD	2.937483	1.037847	3.006463	.9540339	.4870801	4.151346

#1	.1468859	940.5784	-.025408	1874.980	.1709795	.0123984
#2	.1499527	958.3346	-.026983	1909.020	.1693344	.0115576
#3	.1556185	956.9648	-.026201	1902.586	.1703369	.0115381

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1808.795	.0175084	.1154761	F 838.6554	-.059473	-.641877
Stddev	17.740	.0027360	.0019427	9.1836	.001174	.016883
%RSD	.9807848	15.62666	1.682299	1.095037	1.974199	2.630273

#1	1790.611	.0203968	.1176437	829.2723	-.060361	-.624072
#2	1826.056	.0149559	.1138923	847.6256	-.059917	-.657655
#3	1809.719	.0171725	.1148924	839.0682	-.058142	-.643905

Sample Name: LR CHECK 1 Acquired: 10/08/2019 17:14:57 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091129	.1138689	.0008562	.0013986	-.028301	.0208034
Stddev	.0005789	.0132086	.0007547	.0033939	.000814	.0035610
%RSD	6.352900	11.59983	88.14866	242.6685	2.874679	17.11745

#1	.0092101	.1272821	.0012091	.0052467	-.029148	.0170464
#2	.0096371	.1008749	.0013697	.0001168	-.027525	.0212345
#3	.0084916	.1134498	-.000010	-.001168	-.028230	.0241292

Elem	Sr4077
Units	ppm
Avg	.0123283
Stddev	.0002551
%RSD	2.069436

#1	.0120347
#2	.0124961
#3	.0124541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.103	2498.977	31698.42	6591.113	2187.563
Stddev	12.573	2.678	326.48	79.474	1.674
%RSD	.9438163	.1071723	1.029964	1.205774	.0765081

#1	1324.720	2501.321	31494.75	6682.851	2188.549
#2	1346.620	2499.551	32074.99	6543.194	2188.509
#3	1324.969	2496.058	31525.51	6547.293	2185.631

Sample Name: LR CHECK 2 Acquired: 10/08/2019 17:19:03 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002424	.0202794	268.4882	.0068839	-.011315	.6631589	95.45110
Stddev	.003542	.0011665	.7135	.0047116	.001612	.0165833	.84825
%RSD	146.1025	5.752057	.2657429	68.44447	14.24878	2.500650	.8886735

#1	-.000095	.0212872	267.7633	.0042258	-.012170	.6819454	95.93742
#2	-.000677	.0205494	269.1897	.0041018	-.012319	.6569759	94.47163
#3	-.006500	.0190016	268.5116	.0123239	-.009455	.6505554	95.94425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003102	.0015486	.5828779	-.151424	.0099795	261.1682	-.329814
Stddev	.000061	.0000494	.0135626	.001958	.0003944	2.0187	.009191
%RSD	1.970694	3.191768	2.326841	1.293295	3.951865	.7729328	2.786751

#1	-.003142	.0015279	.5893831	-.153005	.0096180	263.1123	-.320587
#2	-.003031	.0015129	.5919625	-.149233	.0104001	259.0825	-.329886
#3	-.003132	.0016050	.5672881	-.152033	.0099204	261.3097	-.338968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.61357	.3110114	48.94337	-.000470	1.082570	-.010286	32.59275
Stddev	.15405	.0100426	.04069	.000284	.383324	.001494	.16843
%RSD	.3793128	3.229006	.0831388	60.33968	35.40873	14.52582	.5167636

#1	40.51243	.3103319	48.89706	-.000589	.692491	-.011164	32.75194
#2	40.53741	.3213765	48.97337	-.000146	1.096456	-.008561	32.60990
#3	40.79087	.3013259	48.95969	-.000675	1.458762	-.011133	32.41640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1539632	-1.12826	-.004305	-.038377	-.622619	.0033546	-.005692
Stddev	.1122083	.00264	.000575	.000525	.008315	.0014089	.001118
%RSD	72.87997	.2343278	13.34740	1.369241	1.335428	41.99954	19.64277

#1	.2320284	-1.12640	-.004103	-.037771	-.624075	.0042913	-.005050
#2	.2044855	-1.12709	-.003859	-.038695	-.613673	.0040383	-.006983
#3	.0253757	-1.13129	-.004953	-.038667	-.630110	.0017343	-.005043

Sample Name: LR CHECK 2 Acquired: 10/08/2019 17:19:03 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089094	.0023057	.0011493
Stddev	.0001484	.0013472	.0000204
%RSD	1.665566	58.42686	1.774510

#1	.0089902	.0009054	.0011335
#2	.0087382	.0035925	.0011723
#3	.0089999	.0024193	.0011421

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.004	2726.465	40073.03	7442.422	3193.362
Stddev	5.553	9.319	282.74	22.868	6.568
%RSD	.3396111	.3417975	.7055539	.3072649	.2056753

#1	1634.902	2716.980	40164.41	7430.855	3188.329
#2	1629.503	2726.807	39755.90	7468.762	3190.966
#3	1640.607	2735.608	40298.77	7427.647	3200.792

Sample Name: K5213-07DLX10 Acquired: 10/08/2019 17:23:02 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-4(0-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633758	-.005276	2.467558	.0037108	.0081447	11.45462	.2306160
Stddev	.0032879	.001616	.013479	.0033119	.0029403	.11417	.0009061
%RSD	5.187984	30.63075	.5462425	89.24888	36.10065	.9967554	.3928806

#1	.0661374	-.006648	2.469494	.0057372	.0101242	11.32336	.2298562
#2	.0642513	-.003495	2.479964	-.000111	.0095438	11.50958	.2316188
#3	.0597388	-.005685	2.453215	.005506	.0047661	11.53092	.2303732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015095	.0236312	52.91018	.2836656	.0257994	1.272920	81.12399
Stddev	.0000245	.0001457	.49917	.0007338	.0001001	.006473	.68661
%RSD	1.624642	.6166053	.9434245	.2587031	.3879926	.5085279	.8463694

#1	.0015023	.0237805	52.34450	.2845082	.0258765	1.266095	80.33515
#2	.0015369	.0236238	53.28878	.2831667	.0256863	1.273695	81.44969
#3	.0014895	.0234893	53.09727	.2833219	.0258354	1.278971	81.58714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5371829	14.95681	.2199197	.0032671	.6800898	.0758898	1.234154
Stddev	.0043433	.14938	.0001844	.0004769	.3463133	.0005860	.001384
%RSD	.8085328	.9987489	.0838589	14.59772	50.92170	.7721934	.1121392

#1	.5321868	14.78713	.2197317	.0027170	.3067438	.0753536	1.235215
#2	.5400599	15.01483	.2199272	.0035208	.9908291	.0758005	1.234658
#3	.5393020	15.06848	.2201003	.0035636	.7426965	.0765153	1.232588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.720454	1.106736	-.036446	.0083041	19.87967	.1762565	.0704727
Stddev	.046651	.003720	.003327	.0005830	.11427	.0007984	.0005726
%RSD	2.711565	.3361536	9.127704	7.020908	.5748214	.4529586	.8124525

#1	1.666586	1.104763	-.039907	.0080750	19.91527	.1770227	.0710660
#2	1.747486	1.104419	-.036158	.0078703	19.97190	.1754295	.0704287
#3	1.747289	1.111028	-.033272	.0089668	19.75183	.1763172	.0699234

Sample Name: K5213-07DLX10 Acquired: 10/08/2019 17:23:02 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-4(0-5) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4300317	.0200542	.1687259
Stddev	.0030758	.0014854	.0014211
%RSD	.7152431	7.406921	.8422588

#1	.4265046	.0184180	.1673764
#2	.4321559	.0204267	.1685920
#3	.4314347	.0213179	.1702092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.588	3104.481	39614.54	7482.723	3154.591
Stddev	12.784	5.042	107.82	38.594	2.622
%RSD	.7629749	.1623964	.2721778	.5157711	.0831279

#1	1689.772	3103.823	39736.41	7463.137	3151.706
#2	1664.955	3109.819	39575.69	7457.850	3155.239
#3	1672.035	3099.800	39531.54	7527.183	3156.829

Sample Name: K5180-02DLX10 Acquired: 10/08/2019 17:26:45 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555465	-.040983	.0080931	.1009320	.0923730	.3153139	.0094799
Stddev	.0029991	.001653	.0018855	.0053960	.0013569	.0094612	.0003540
%RSD	5.399322	4.033480	23.29771	5.346206	1.468932	3.000556	3.734457

#1	.0524535	-.041381	.0095467	.1071603	.0934569	.3046553	.0095267
#2	.0557440	-.042400	.0087700	.0979686	.0908513	.3227190	.0091047
#3	.0584420	-.039167	.0059626	.0976670	.0928109	.3185675	.0098081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005967	-.001036	5.082106	.0024341	.0077826	.0218959	53.33695
Stddev	.0000828	.000010	.049100	.0002694	.0000043	.0003820	.43985
%RSD	13.86960	.9504650	.9661408	11.06799	.0555929	1.744477	.8246706

#1	.0005302	-.001026	5.030325	.0021584	.0077871	.0215709	52.83162
#2	.0005704	-.001046	5.127994	.0024472	.0077785	.0218001	53.63379
#3	.0006893	-.001035	5.087999	.0026967	.0077820	.0223166	53.54543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768037	1.214225	.0190189	.0012292	2.659239	.0046226	.0809500
Stddev	.012385	.017058	.0007323	.0000667	.046208	.0022137	.0002605
%RSD	.7004798	1.404856	3.850351	5.428258	1.737652	47.88779	.3217884

#1	1.753791	1.195299	.0182891	.0011803	2.614795	.0021012	.0806962
#2	1.776243	1.228414	.0190138	.0012019	2.655893	.0062470	.0812167
#3	1.774078	1.218962	.0197537	.0013052	2.707030	.0055195	.0809371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2827609	.0670203	-.000985	-.001064	1.535113	.3676499	.0345744
Stddev	.0562536	.0012373	.000932	.000101	.013022	.0052715	.0006279
%RSD	19.89441	1.846091	94.68496	9.504669	.8482719	1.433839	1.816148

#1	.2271459	.0676789	-.000923	-.000966	1.549906	.3726803	.0351173
#2	.2815046	.0655930	-.001947	-.001056	1.530047	.3681027	.0347192
#3	.3396320	.0677888	-.000085	-.001168	1.525385	.3621665	.0338867

Sample Name: K5180-02DLX10 Acquired: 10/08/2019 17:26:45 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0187680	.0031023	.0213505
Stddev	.0005580	.0005057	.0001582
%RSD	2.973132	16.30199	.7409994

#1	.0193082	.0034836	.0211984
#2	.0181938	.0032949	.0213390
#3	.0188021	.0025286	.0215141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.612	3095.357	41584.63	8340.074	3729.801
Stddev	8.071	12.836	330.12	70.325	10.405
%RSD	.4895363	.4146883	.7938421	.8432154	.2789596

#1	1640.974	3080.920	41239.04	8337.977	3719.443
#2	1657.055	3105.482	41618.14	8270.822	3740.252
#3	1647.808	3099.668	41896.71	8411.424	3729.708

Sample Name: K5176-19DLX10 Acquired: 10/08/2019 17:30:33 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124485	-.002690	.0487209	.0015271	.0082642	2.612399	.3267416
Stddev	.0017365	.002809	.0014785	.0034598	.0009919	.076177	.0083480
%RSD	13.94928	104.4095	3.034743	226.5566	12.00216	2.915988	2.554940

#1	.0144187	.000398	.0504153	.0017421	.0086593	2.549321	.3201313
#2	.0117862	-.005092	.0476926	.0048743	.0089977	2.590845	.3239706
#3	.0111407	-.003376	.0480547	-.002035	.0071357	2.697031	.3361228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004296	.0036688	28.86372	.0188998	.0027909	.1513786	13.21250
Stddev	.0000847	.0000149	.79071	.0009113	.0001915	.0065385	.34582
%RSD	19.71039	.4055028	2.739452	4.821568	6.860641	4.319335	2.617367

#1	.0004708	.0036678	28.16755	.0196556	.0030042	.1484699	12.94063
#2	.0003322	.0036545	28.70023	.0191560	.0026339	.1467991	13.09516
#3	.0004858	.0036842	29.72340	.0178879	.0027344	.1588668	13.60173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1644804	2.144205	.0142039	.0002470	201.6882	.0105559	1.404144
Stddev	.0034985	.062464	.0006629	.0004522	5.8620	.0018474	.003890
%RSD	2.126975	2.913144	4.667305	183.0831	2.906448	17.50105	.2770394

#1	.1610598	2.114900	.0136449	-.000190	197.1578	.0126331	1.403251
#2	.1643297	2.101781	.0140306	.000713	199.5979	.0099377	1.408403
#3	.1680518	2.215933	.0149363	.000218	208.3087	.0090969	1.400779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.585068	9.683023	.1267974	.0617983	7.373478	4.854276	.0058760
Stddev	.253795	.039194	.0034109	.0001993	.003828	.107002	.0009870
%RSD	3.345983	.4047659	2.690038	.3224310	.0519130	2.204293	16.79690

#1	7.451633	9.646439	.1253383	.0619615	7.375741	4.821341	.0067681
#2	7.425825	9.678242	.1243587	.0618570	7.369058	4.767613	.0060441
#3	7.877746	9.724388	.1306952	.0615762	7.375633	4.973875	.0048158

Sample Name: K5176-19DLX10 Acquired: 10/08/2019 17:30:33 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0714923	.1335127	.4536166
Stddev	.0028136	.0046946	.0121150
%RSD	3.935557	3.516259	2.670755

#1	.0694980	.1286162	.4446143
#2	.0702684	.1339465	.4488445
#3	.0747106	.1379754	.4673909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.525	3054.778	38762.09	7308.295	3038.470
Stddev	12.997	7.599	83.52	114.720	4.367
%RSD	.7888816	.2487455	.2154768	1.569723	.1437169

#1	1646.782	3046.942	38767.25	7342.240	3033.484
#2	1634.916	3055.277	38676.10	7402.213	3041.615
#3	1660.878	3062.114	38842.91	7180.433	3040.310

Sample Name: PB123727BS Acquired: 10/08/2019 17:34:17 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123727BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7751337	2.012641	1.004254	1.735798	.8102323	2.090669
Stddev	.0089769	.004761	.002039	.008917	.0033566	.057677
%RSD	1.158116	.2365571	.2030585	.5137229	.4142801	2.758792

#1	.7854686	2.017519	1.001973	1.746061	.8140945	2.024575
#2	.7692754	2.012398	1.005899	1.729945	.8085835	2.116620
#3	.7706570	2.008006	1.004890	1.731388	.8080189	2.130812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2122368	.1959781	.2000150	.9943566	.4280738	.2065799
Stddev	.0031026	.0010700	.0002414	.0234469	.0014426	.0006192
%RSD	1.461865	.5459828	.1206681	2.357995	.3370085	.2997267

#1	.2086826	.1955776	.2002533	.9694819	.4296016	.2066591
#2	.2136237	.1951662	.2000208	.9975370	.4267350	.2071557
#3	.2144040	.1971906	.1997707	1.016051	.4278847	.2059250

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3205228	3.273796	.2128009	2.042364	.5181723	.0735564
Stddev	.0074369	.061293	.0035986	.054903	.0005813	.0009172
%RSD	2.320242	1.872215	1.691079	2.688208	.1121834	1.246923

#1	.3122863	3.204693	.2086638	1.979023	.5175520	.0733478
#2	.3225365	3.295103	.2152062	2.071756	.5187046	.0745598
#3	.3267454	3.321591	.2145327	2.076315	.5182605	.0727614

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.930977	.3181629	.2078096	10.13158	F 5.630026	.2841446
Stddev	.168388	.0075826	.0008708	.23259	.007621	.0006509
%RSD	5.745110	2.383239	.4190414	2.295698	.1353660	.2290893

#1	2.935545	.3094442	.2087710	9.86523	5.621465	.2837216
#2	2.760352	.3232171	.2070738	10.23486	5.636072	.2838181
#3	3.097034	.3218276	.2075839	10.29464	5.632539	.2848942

Sample Name: PB123727BS Acquired: 10/08/2019 17:34:17 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123727BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4329088	F .0146974	.9484898	.7256086	.2080190	.2055045
Stddev	.0017145	.0009442	.0031158	.0036848	.0053777	.0031170
%RSD	.3960379	6.424564	.3285029	.5078165	2.585206	1.516766

#1	.4337655	.0138383	.9519965	.7293090	.2018113	.2020417
#2	.4309348	.0145456	.9460395	.7255772	.2109872	.2080860
#3	.4340260	.0157084	.9474335	.7219397	.2112585	.2063857

Elem	Sr4077
Units	ppm
Avg	.2094150
Stddev	.0041439
%RSD	1.978814

#1	.2046656
#2	.2112848
#3	.2122945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.050	3007.839	38287.11	7117.199	3127.279
Stddev	11.682	9.167	184.69	29.857	10.535
%RSD	.7255968	.3047753	.4823775	.4195032	.3368775

#1	1609.616	2997.254	38434.98	7151.521	3115.382
#2	1598.591	3013.162	38080.10	7102.854	3131.031
#3	1621.944	3013.101	38346.26	7097.221	3135.425

Sample Name: PB123741BS Acquired: 10/08/2019 17:38:01 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7950942	2.086828	1.048960	1.797744	.8216323	2.149779
Stddev	.0018462	.013160	.002742	.012704	.0016759	.079137
%RSD	.2321965	.6306107	.2613702	.7066833	.2039668	3.681182

#1	.7952963	2.093911	1.047009	1.794731	.8208454	2.058830
#2	.7931553	2.071644	1.047777	1.786817	.8204947	2.187583
#3	.7968310	2.094929	1.052095	1.811684	.8235568	2.202925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2203270	.2046327	.2073360	1.053352	.4398496	.2124834
Stddev	.0054627	.0023562	.0013799	.026317	.0006630	.0013677
%RSD	2.479348	1.151443	.6655303	2.498387	.1507304	.6436666

#1	.2140778	.2019714	.2080988	1.023171	.4399359	.2136636
#2	.2227093	.2054732	.2057432	1.065375	.4391477	.2109845
#3	.2241939	.2064533	.2081661	1.071510	.4404652	.2128023

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3344069	3.373994	.2197272	2.111630	.5360759	.0755653
Stddev	.0095507	.095024	.0067046	.069357	.0035100	.0007565
%RSD	2.856002	2.816358	3.051323	3.284511	.6547507	1.001109

#1	.3237644	3.264536	.2121424	2.031665	.5370894	.0760245
#2	.3372243	3.435331	.2221766	2.155428	.5321707	.0746921
#3	.3422319	3.422115	.2248628	2.147797	.5389675	.0759792

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.223371	.3292996	.2201015	10.22169	F 5.777533	.2954502
Stddev	.411818	.0109688	.0016709	.39636	.010910	.0038512
%RSD	12.77601	3.330947	.7591600	3.877611	.1888285	1.303495

#1	2.753954	.3167363	.2219636	9.77887	5.787950	.2910236
#2	3.523885	.3369730	.2196082	10.34291	5.766190	.2972957
#3	3.392274	.3341894	.2187329	10.54328	5.778458	.2980314

Sample Name: PB123741BS Acquired: 10/08/2019 17:38:01 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4378020	F .0137030	.9463845	.7395057	.2087747	.2083918
Stddev	.0011706	.0044234	.0110910	.0042397	.0040916	.0049987
%RSD	.2673727	32.28029	1.171929	.5733190	1.959822	2.398678

#1	.4384294	.0183619	.9337710	.7399997	.2040546	.2026223
#2	.4364515	.0095604	.9507722	.7350406	.2109567	.2114214
#3	.4385251	.0131868	.9546104	.7434768	.2113129	.2111317

Elem	Sr4077
Units	ppm
Avg	.2128369
Stddev	.0069593
%RSD	3.269760

#1	.2049075
#2	.2156729
#3	.2179304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.502	3061.486	38823.61	7182.872	3174.057
Stddev	4.403	14.154	150.79	106.223	20.597
%RSD	.2682441	.4623133	.3884037	1.478836	.6489142

#1	1640.376	3050.159	38929.45	7302.574	3157.871
#2	1646.359	3077.352	38890.43	7146.192	3197.241
#3	1637.771	3056.947	38650.95	7099.850	3167.059

Sample Name: K5147-01 Acquired: 10/08/2019 17:41:43 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383388	-.012497	.2997731	-.004432	.0036890	150.4367	.4807891
Stddev	.0032173	.003239	.0032553	.004148	.0033495	1.4333	.0045657
%RSD	8.391855	25.91932	1.085926	93.59850	90.79799	.9527384	.9496195

#1	.0378653	-.015996	.3034687	-.009216	.0052334	148.8051	.4760805
#2	.0353845	-.009603	.2985208	-.001854	.0059877	151.0128	.4851970
#3	.0417667	-.011892	.2973300	-.002224	-.000154	151.4923	.4810899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084797	-.001664	42.64612	.1853113	.1512476	.4623652	298.3368
Stddev	.0001171	.000014	.53351	.0007337	.0006257	.0059195	2.9687
%RSD	1.380398	.8175946	1.251024	.3959058	.4137033	1.280274	.9950895

#1	.0086117	-.001678	42.06445	.1860463	.1519572	.4559450	294.9096
#2	.0083888	-.001651	43.11270	.1853086	.1507751	.4635442	299.9871
#3	.0084385	-.001663	42.76120	.1845790	.1510104	.4676066	300.1137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.283181	69.76833	.2808319	.0041437	14.96316	.5771086	.7475580
Stddev	.026856	.67891	.0003572	.0005113	.47005	.0058485	.0041053
%RSD	.8179748	.9730872	.1271921	12.33940	3.141374	1.013417	.5491672

#1	3.252444	68.98590	.2812129	.0036041	14.53709	.5712744	.7500539
#2	3.294994	70.20165	.2805046	.0042060	15.46739	.5770802	.7428198
#3	3.302105	70.11743	.2807781	.0046210	14.88501	.5829713	.7498003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67653	7.483206	-.027289	.0042373	7.515680	1.693181	.0032066
Stddev	.16052	.032053	.003003	.0002144	.015644	.030336	.0015992
%RSD	1.093714	.4283261	11.00474	5.060846	.2081506	1.791676	49.87149

#1	14.49260	7.516162	-.030753	.0041095	7.521044	1.704568	.0013611
#2	14.74873	7.452141	-.025413	.0041174	7.498060	1.716177	.0040740
#3	14.78828	7.481316	-.025702	.0044849	7.527937	1.658799	.0041846

Sample Name: K5147-01 Acquired: 10/08/2019 17:41:43 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.352627	.1286739	.1241879
Stddev	.063037	.0025171	.0010220
%RSD	.9922964	1.956206	.8229515

#1	6.282527	.1275758	.1230269
#2	6.370699	.1315535	.1245851
#3	6.404653	.1268923	.1249517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.415	3650.258	46241.76	8692.484	3111.195
Stddev	4.050	1.266	399.70	96.395	2.065
%RSD	.2060706	.0346744	.8643754	1.108944	.0663767

#1	1967.751	3649.331	46576.04	8713.579	3112.975
#2	1967.757	3649.743	46350.22	8587.289	3108.931
#3	1960.738	3651.700	45799.02	8776.585	3111.679

Sample Name: K5152-01 Acquired: 10/08/2019 17:45:25 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413595	-.031153	.2471401	-.013306	.0031892	108.5827	.5064452
Stddev	.0052691	.002215	.0010496	.000667	.0011730	.6922	.0032963
%RSD	12.73979	7.109238	.4246843	5.014987	36.78084	.6374584	.6508752

#1	.0355431	-.032490	.2461435	-.013220	.0026282	108.0020	.5050215
#2	.0458139	-.028597	.2470412	-.012686	.0024021	108.3974	.5040999
#3	.0427216	-.032373	.2482356	-.014012	.0045374	109.3487	.5102141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098129	.0003633	54.05105	.1652570	.1594844	.4148842	288.5020
Stddev	.0001232	.0002679	.29424	.0010351	.0003629	.0021435	.8525
%RSD	1.256000	73.75334	.5443722	.6263701	.2275483	.5166469	.2955077

#1	.0099483	.0002643	53.98017	.1654302	.1591631	.4127974	288.1437
#2	.0097072	.0001590	53.79872	.1661946	.1594122	.4147751	287.8870
#3	.0097832	.0006667	54.37425	.1641462	.1598780	.4170802	289.4752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.560103	44.50782	.2404231	.0038823	5.229990	.4230244	.5543038
Stddev	.014067	.20959	.0006164	.0001026	.168482	.0049410	.0004142
%RSD	.3084906	.4709069	.2563693	2.642362	3.221462	1.168009	.0747250

#1	4.551722	44.40921	.2409803	.0038671	5.329258	.4187322	.5538348
#2	4.552244	44.36571	.2397610	.0037881	5.035457	.4219153	.5544573
#3	4.576344	44.74852	.2405280	.0039916	5.325255	.4284256	.5546194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.556939	14.07822	-.132206	.0046724	6.410619	2.958540	.0053933
Stddev	.017618	.02089	.006741	.0001972	.020172	.031473	.0011656
%RSD	.1843440	.1484071	5.098505	4.220277	.3146675	1.063790	21.61234

#1	9.543714	14.05462	-.139911	.0045724	6.433839	2.993085	.0060620
#2	9.576938	14.08566	-.127398	.0045452	6.400608	2.951042	.0060705
#3	9.550165	14.09437	-.129310	.0048995	6.397411	2.931494	.0040474

Sample Name: K5152-01 Acquired: 10/08/2019 17:45:25 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.077993	.1217513	.1396328
Stddev	.025820	.0016067	.0006215
%RSD	.6331661	1.319662	.4451066

#1	4.051982	.1211986	.1389587
#2	4.078380	.1204939	.1397564
#3	4.103618	.1235614	.1401832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.480	4451.393	56516.63	10639.49	3098.995
Stddev	8.292	6.771	295.93	114.04	3.734
%RSD	.3451384	.1520998	.5236177	1.071827	.1204958

#1	2411.996	4455.499	56731.11	10521.66	3103.175
#2	2396.808	4443.578	56179.01	10749.31	3097.821
#3	2398.635	4455.101	56639.77	10647.50	3095.989

Sample Name: K5152-01DUP Acquired: 10/08/2019 17:49:07 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432146	-.026805	.2419045	-.012371	.0038290	108.7869	.5109008
Stddev	.0067040	.003938	.0041027	.003429	.0005769	1.1108	.0054635
%RSD	15.51337	14.69151	1.696003	27.72035	15.06694	1.021041	1.069395

#1	.0491698	-.026554	.2380130	-.010935	.0031669	107.5131	.5046337
#2	.0445201	-.022999	.2415105	-.016285	.0040963	109.2941	.5134080
#3	.0359538	-.030863	.2461900	-.009893	.0042239	109.5536	.5146608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097988	.0003517	57.44741	.1632537	.1590969	.4127646	289.5877
Stddev	.0000845	.0000924	.66224	.0005274	.0006504	.0040212	2.8110
%RSD	.8627863	26.26157	1.152781	.3230803	.4088022	.9742128	.9706760

#1	.0097311	.0002453	56.70226	.1626857	.1584272	.4081908	286.4480
#2	.0097718	.0004108	57.67123	.1633473	.1597261	.4143586	290.4446
#3	.0098936	.0003991	57.96874	.1637281	.1591375	.4157445	291.8705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.700852	45.32449	.2407738	.0035438	5.534792	.4259587	.5650277
Stddev	.056089	.43859	.0003100	.0002221	.219726	.0055823	.0031232
%RSD	1.193170	.9676648	.1287679	6.268287	3.969906	1.310526	.5527473

#1	4.636293	44.82689	.2405897	.0035593	5.283688	.4197387	.5659032
#2	4.728646	45.49172	.2405999	.0033143	5.691800	.4276038	.5615602
#3	4.737617	45.65487	.2411317	.0037578	5.628889	.4305336	.5676197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.685617	14.12117	-.134024	.0049489	5.894136	2.917195	.0051217
Stddev	.052124	.03774	.002315	.0002993	.012528	.037261	.0011555
%RSD	.5381551	.2672582	1.727507	6.047620	.2125447	1.277285	22.56156

#1	9.649472	14.13580	-.135494	.0046768	5.881180	2.890371	.0063237
#2	9.745367	14.07830	-.135223	.0052695	5.895042	2.901475	.0050222
#3	9.662011	14.14939	-.131355	.0049004	5.906187	2.959740	.0040191

Sample Name: K5152-01DUP Acquired: 10/08/2019 17:49:07 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.142570	.1213400	.1432060
Stddev	.040362	.0018730	.0008153
%RSD	.9743232	1.543556	.5693163

#1	4.096010	.1191936	.1422815
#2	4.167645	.1221839	.1435144
#3	4.164054	.1226426	.1438221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.724	4428.277	56259.13	10538.46	3087.408
Stddev	22.452	11.450	242.79	38.18	9.202
%RSD	.9399083	.2585646	.4315612	.3622477	.2980583

#1	2362.833	4441.290	56015.83	10547.75	3093.025
#2	2402.812	4423.792	56260.16	10496.49	3092.411
#3	2400.528	4419.748	56501.41	10571.13	3076.788

Sample Name: CCV02 Acquired: 10/08/2019 17:52:48 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.112227	5.130109	5.104197	5.150276	5.102791	10.21525	10.20182
Stddev	.011856	.005483	.004708	.004858	.003502	.06573	.07497
%RSD	.2319240	.1068811	.0922325	.0943186	.0686213	.6434785	.7349051

#1	5.117692	5.125839	5.109633	5.154915	5.100964	10.13936	10.26714
#2	5.120365	5.128195	5.101445	5.150687	5.100580	10.25206	10.21835
#3	5.098624	5.136292	5.101513	5.145226	5.106828	10.25433	10.11996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2566134	2.556641	25.56150	1.024740	2.545219	1.273659	5.207396
Stddev	.0022360	.003204	.16780	.005608	.002296	.013311	.009657
%RSD	.8713610	.1253210	.6564543	.5472361	.0901928	1.045125	.1854421

#1	.2591693	2.557226	25.36786	1.027379	2.546573	1.258293	5.205329
#2	.2550184	2.553184	25.66421	1.018300	2.546516	1.281022	5.198941
#3	.2556526	2.559512	25.65242	1.028542	2.542569	1.281662	5.217919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.560832	25.57305	2.556405	1.279818	25.38426	2.561436	2.544286
Stddev	.019733	.17155	.001750	.004348	.09382	.024202	.010239
%RSD	.7705781	.6708271	.0684428	.3397090	.3695911	.9448657	.4024271

#1	2.538142	25.38063	2.555036	1.274936	25.48934	2.533899	2.533469
#2	2.570361	25.62852	2.558376	1.281244	25.35454	2.571083	2.553828
#3	2.573992	25.71001	2.555803	1.283273	25.30890	2.579327	2.545561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.22261	5.116194	5.098373	5.128379	5.109068	5.011952	5.092384
Stddev	.14865	.008077	.039619	.009499	.021254	.053681	.003417
%RSD	.5893584	.1578762	.7770954	.1852203	.4160083	1.071060	.0671079

#1	25.10155	5.106957	5.144061	5.130532	5.129890	5.070542	5.094734
#2	25.38853	5.119698	5.077565	5.117989	5.087406	4.965135	5.093955
#3	25.17776	5.121928	5.073493	5.136617	5.109909	5.000177	5.088464

Sample Name: CCV02 Acquired: 10/08/2019 17:52:48 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.105480	5.049801	5.084347
Stddev	.036094	.022820	.048695
%RSD	.7069730	.4518951	.9577442

#1	5.063908	5.024895	5.028264
#2	5.128836	5.069704	5.115888
#3	5.123697	5.054806	5.108890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.722	3084.235	39030.96	7298.147	3108.920
Stddev	14.422	3.256	180.51	58.679	3.859
%RSD	.8642582	.1055727	.4624895	.8040236	.1241115

#1	1680.814	3080.567	39223.69	7238.137	3105.438
#2	1652.760	3085.354	38865.83	7300.907	3108.253
#3	1672.593	3086.784	39003.37	7355.397	3113.068

Sample Name: CCB02 Acquired: 10/08/2019 17:56:34 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000483	-.000923	.0014370	.0032662	.0010695	.0040191
Stddev	.002887	.001050	.0004563	.0005191	.0012369	.0162049
%RSD	597.3631	113.8426	31.75695	15.89186	115.6593	403.1932

#1	-.003801	-.001781	.0016806	.0034565	.0016000	.0227309
#2	.000892	.000249	.0009105	.0036632	.0019527	-.005305
#3	.001459	-.001236	.0017198	.0026788	-.000344	-.005369

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008077	.0000215	.0001056	-.008914	.0000017	-.000232
Stddev	.0003174	.0000447	.0000269	.008177	.0003135	.000022
%RSD	39.29341	208.0724	25.50898	91.72779	18351.36	9.525667

#1	.0004966	.0000560	.0001029	-.003194	-.000166	-.000234
#2	.0007954	.0000374	.0001338	-.005269	.000363	-.000209
#3	.0011310	-.000029	.0000802	-.018279	-.000192	-.000253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001150	.0037370	.0001959	-.023778	.0001596	-.000212
Stddev	.002638	.0022291	.0002875	.017796	.0002491	.000379
%RSD	229.3777	59.64951	146.7949	74.84128	156.0305	179.0208

#1	-.004027	.0063068	.0004935	-.044306	-.000119	-.000618
#2	-.000578	.0025791	-.000080	-.012712	.000360	.000133
#3	.001155	.0023251	.000175	-.014316	.000238	-.000150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034934	.0023023	-.000257	.0504668	-.000099	.0071536
Stddev	.249498	.0006506	.000196	.0085577	.001495	.0007638
%RSD	714.2062	28.25761	76.21362	16.95706	1509.580	10.67765

#1	-.314745	.0030531	-.000168	.0466110	.001621	.0077086
#2	.164374	.0019495	-.000482	.0445154	-.000831	.0074697
#3	.045570	.0019044	-.000122	.0602740	-.001087	.0062824

Sample Name: CCB02 Acquired: 10/08/2019 17:56:34 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004551	F .0105975	.0047318	-.000950	-.000236	.0019440
Stddev	.0005857	.0015937	.0007619	.000840	.000395	.0017887
%RSD	128.7108	15.03874	16.10142	88.42882	167.6510	92.01449

#1	.0011215	.0120630	.0050771	-.001909	.000190	.0004852
#2	.0000217	.0089008	.0052599	-.000599	-.000590	.0039397
#3	.0002221	.0108287	.0038584	-.000342	-.000307	.0014070

Elem	Sr4077
Units	ppm
Avg	.0002868
Stddev	.0001542
%RSD	53.76573

#1	.0004584
#2	.0002422
#3	.0001598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.859	3114.159	39062.53	7248.136	3209.261
Stddev	9.675	4.905	268.12	35.863	8.309
%RSD	.5776840	.1575193	.6863988	.4947884	.2588978

#1	1664.664	3109.067	38757.48	7208.143	3199.675
#2	1683.913	3114.555	39260.87	7258.828	3214.407
#3	1676.000	3118.854	39169.24	7277.437	3213.700

Sample Name: K5152-01LX5 Acquired: 10/08/2019 18:00:28 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152061	-.003735	.0498859	-.001388	-.000386	28.22176	.1330708
Stddev	.0033017	.003452	.0012795	.002730	.002349	.29354	.0013088
%RSD	21.71270	92.42429	2.564834	196.7752	607.9556	1.040121	.9835045

#1	.0125157	.000249	.0489684	.001250	.001807	27.89796	.1315760
#2	.0188906	-.005620	.0513475	-.004202	-.000102	28.29686	.1340109
#3	.0142120	-.005834	.0493417	-.001211	-.002864	28.47045	.1336255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028038	-.000519	15.05950	.0449686	.0311193	.1096404	76.72665
Stddev	.0000289	.000072	.14807	.0005286	.0003291	.0034855	.84906
%RSD	1.030016	13.87641	.9832004	1.175391	1.057445	3.179012	1.106601

#1	.0028115	-.000445	14.89890	.0450598	.0310628	.1059626	75.77523
#2	.0028281	-.000523	15.08901	.0454456	.0314729	.1128949	76.99742
#3	.0027719	-.000589	15.19058	.0444004	.0308221	.1100637	77.40730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254392	11.87639	.0481754	.0003900	1.552475	.1125238	.1519941
Stddev	.015288	.06555	.0004200	.0003524	.061608	.0020427	.0010013
%RSD	1.218792	.5519033	.8717385	90.35045	3.968348	1.815381	.6587858

#1	1.237406	11.80791	.0477167	.0007969	1.538051	.1119190	.1510438
#2	1.258723	11.88272	.0482684	.0001840	1.620015	.1148006	.1530396
#3	1.267048	11.93855	.0485410	.0001892	1.499359	.1108517	.1518989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.448838	2.842499	-.034466	.0011362	1.157560	.7831653	-.000653
Stddev	.082945	.006882	.001582	.0003255	.009967	.0144530	.000648
%RSD	3.387125	.2421104	4.591113	28.64863	.8610544	1.845459	99.31233

#1	2.378826	2.849037	-.035901	.0010995	1.164741	.7986227	-.001401
#2	2.540444	2.843141	-.034728	.0014786	1.146180	.7808856	-.000253
#3	2.427243	2.835318	-.032769	.0008307	1.161759	.7699876	-.000305

Sample Name: K5152-01LX5 Acquired: 10/08/2019 18:00:28 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA8618 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.097266	.0311348	.0379689
Stddev	.015080	.0004727	.0002554
%RSD	1.374361	1.518073	.6727582

#1	1.079853	.0306053	.0376795
#2	1.106093	.0312848	.0381627
#3	1.105851	.0315142	.0380645

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.208	3397.690	42849.13	7979.113	3189.407
Stddev	7.248	6.078	299.00	18.818	2.562
%RSD	.3977543	.1788985	.6977958	.2358368	.0803420

#1	1820.294	3392.084	42505.78	7970.891	3191.753
#2	1830.221	3404.150	43052.17	7965.806	3186.672
#3	1816.110	3396.835	42989.44	8000.643	3189.797

Sample Name: PB123727BL Acquired: 10/08/2019 18:04:18 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123727BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001097	.0017749	-.000301	.0022572	.0012767	.0078427	-.000251
Stddev	.003508	.0008675	.001531	.0018097	.0016719	.0047345	.000414
%RSD	319.8630	48.87538	508.5492	80.17611	130.9479	60.36861	164.6608

#1	.002263	.0019758	.001356	.0031640	.0023188	.0116886	.000160
#2	-.004736	.0025243	-.001663	.0001733	-.000652	.0025548	-.000667
#3	-.000818	.0008246	-.000596	.0034342	.002163	.0092847	-.000246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	.0000882	-.015637	.0000777	-.000340	.0010527	.0041132
Stddev	.000111	.0000230	.005761	.0008988	.000096	.0012137	.0003071
%RSD	396.6901	26.11221	36.83942	1157.203	28.26091	115.2974	7.466494

#1	-.000098	.0000617	-.016118	.0004505	-.000438	.0022932	.0037674
#2	.000100	.0001037	-.021142	.0007300	-.000246	.0009972	.0043541
#3	-.000085	.0000992	-.009651	-.000948	-.000337	-.000132	.0042182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001175	-.006075	-.000379	-.000308	-.112790	.0027431	-.000401
Stddev	.0001426	.015871	.000649	.000227	.172247	.0021855	.000705
%RSD	121.4136	261.2544	171.2185	73.63982	152.7150	79.67249	175.7552

#1	.0000040	-.002696	-.000564	-.000211	-.310972	.0002940	-.001014
#2	.0000708	-.023363	.000342	-.000146	-.028256	.0044948	.000369
#3	.0002776	.007835	-.000916	-.000567	.000858	.0034405	-.000558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020117	.0015137	-.002383	-.000323	.0085324	.0007391	-.002574
Stddev	.0703564	.0021231	.000830	.000086	.0034250	.0010100	.002248
%RSD	3497.402	140.2590	34.81246	26.74289	40.14172	136.6547	87.30828

#1	-.036748	-.000658	-.001577	-.000238	.0124051	-.000425	-.000461
#2	-.040441	.001616	-.003234	-.000411	.0059014	.001258	-.004936
#3	.083224	.003584	-.002338	-.000319	.0072906	.001384	-.002326

Sample Name: PB123727BL Acquired: 10/08/2019 18:04:18 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123727BL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002996	.0023596	.0000856
Stddev	.0003410	.0020740	.0000322
%RSD	113.8196	87.89566	37.62163

#1	-.000005	.0028326	.0000517
#2	.000235	.0041562	.0001158
#3	.000668	.0000900	.0000893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.522	3118.916	39284.30	7226.337	3217.518
Stddev	2.943	.703	173.08	41.911	1.218
%RSD	.1755529	.0225425	.4405884	.5799764	.0378541

#1	1674.203	3118.331	39391.73	7180.957	3216.598
#2	1675.529	3118.722	39084.63	7234.464	3217.058
#3	1679.833	3119.696	39376.53	7263.589	3218.899

Sample Name: PB123741BL Acquired: 10/08/2019 18:08:12 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018509	.0006763	-.001273	.0025944	-.000535	-.001121	.0005995
Stddev	.0045686	.0011026	.001320	.0033262	.002253	.013857	.0000322
%RSD	246.8301	163.0205	103.7187	128.2106	421.1419	1236.585	5.368267

#1	.0070070	.0019012	.000142	.0040433	.001969	.011170	.0005625
#2	-.001693	-.000237	-.002472	-.001211	-.001175	-.016138	.0006149
#3	.000239	.000365	-.001489	.004950	-.002398	.001607	.0006211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	.0000707	-.012074	-.000461	-.000093	-.001915	-.002071
Stddev	.000039	.0000092	.002364	.000107	.000073	.002490	.001757
%RSD	133.2917	13.08587	19.58090	23.24601	78.52305	130.0622	84.82951

#1	-.000056	.0000685	-.009432	-.000351	-.000100	.000959	-.000949
#2	-.000048	.0000809	-.012797	-.000468	-.000162	-.003266	-.004095
#3	.000016	.0000628	-.013992	-.000565	-.000017	-.003437	-.001168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.001679	.0000723	-.000283	-.264631	.0005435	-.000464
Stddev	.000209	.013761	.0001078	.000188	.159056	.0018173	.000308
%RSD	416.8059	819.5467	149.0624	66.49482	60.10477	334.4027	66.38369

#1	.000117	.013747	.0001742	-.000280	-.293479	-.001412	-.000134
#2	-.000285	-.012692	-.000041	-.000096	-.093125	.000863	-.000744
#3	.000017	-.006093	.000084	-.000473	-.407288	.002180	-.000513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025275	.0006418	-.003901	-.000034	.0004745	-.000239	-.002235
Stddev	.072531	.0007033	.000758	.000167	.0038779	.000206	.000149
%RSD	286.9693	109.5745	19.41855	485.4779	817.2473	86.31418	6.656185

#1	.023862	.0014298	-.003030	-.000220	.0044977	-.000014	-.002066
#2	-.108580	.0000778	-.004264	.000105	.0001654	-.000284	-.002293
#3	.008893	.0004178	-.004409	.000012	-.003240	-.000419	-.002345

Sample Name: PB123741BL Acquired: 10/08/2019 18:08:12 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004609	-.001197	.0000000
Stddev	.0003978	.001965	.0000713
%RSD	86.31705	164.2318	372173.1

#1	.0002726	-.003442	.0000823
#2	.0001921	-.000363	-.000041
#3	.0009179	.000214	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.211	3117.324	39386.62	7283.014	3219.488
Stddev	7.475	2.545	35.18	70.276	.954
%RSD	.4430462	.0816245	.0893173	.9649361	.0296210

#1	1695.773	3117.007	39426.99	7227.932	3219.635
#2	1681.978	3120.012	39370.35	7258.949	3218.470
#3	1683.883	3114.953	39362.52	7362.162	3220.360

Sample Name: PB123741TB Acquired: 10/08/2019 18:12:05 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002852	-.003521	-.001597	.0042606	.0003879	.0022411
Stddev	.002499	.002197	.000814	.0024345	.0026370	.0062078
%RSD	87.62365	62.41630	50.97386	57.13967	679.8117	276.9934

#1	-.005643	-.001139	-.000852	.0048951	-.002353	.0075090
#2	-.002087	-.005470	-.001473	.0015717	.000609	.0038172
#3	-.000825	-.003953	-.002467	.0063150	.002907	-.004603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002468	-.000121	.0000061	.0018026	-.000197	-.000116
Stddev	.0004572	.000059	.0000417	.0063191	.000214	.000106
%RSD	185.2272	48.34076	685.8865	350.5460	108.6437	90.82137

#1	-.000108	-.000055	-.000036	.0081213	-.000164	-.000046
#2	.000763	-.000142	.000007	-.004517	-.000002	-.000238
#3	.000086	-.000167	.000048	.001804	-.000426	-.000064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001052	.0062229	.0002644	-.002212	.0023281	.0014498
Stddev	.001061	.0022569	.0005102	.028874	.0002168	.0001919
%RSD	100.8506	36.26713	192.9919	1305.225	9.312727	13.23495

#1	.000087	.0036220	.0005147	-.031747	.0025687	.0016641
#2	-.001231	.0076644	.0006010	-.000843	.0022675	.0012939
#3	-.002011	.0073824	-.000323	.025953	.0021480	.0013914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 278.9125	.0001157	.0115807	-.153505	.0011436	-.002375
Stddev	2.9945	.0014049	.0005337	.038658	.0050545	.001207
%RSD	1.073622	1214.139	4.608868	25.18376	441.9871	50.79508

#1	275.4563	-.001297	.0117478	-.109456	-.004674	-.001411
#2	280.7290	.001513	.0120109	-.181793	.004460	-.001987
#3	280.5524	.000132	.0109834	-.169266	.003645	-.003728

Sample Name: PB123741TB Acquired: 10/08/2019 18:12:05 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000117	F .0142448	.0087223	-.000291	.0003554	-.001595
Stddev	.000171	.0031510	.0013678	.001443	.0018966	.002289
%RSD	145.5168	22.12080	15.68113	495.2734	533.5862	143.5337

#1	-.000222	.0161314	.0100432	.000972	.0019525	-.004213
#2	-.000209	.0159958	.0088117	-.001863	-.001741	-.000600
#3	.000080	.0106071	.0073121	.000017	.000855	.000028

Elem	Sr4077
Units	ppm
Avg	.0000271
Stddev	.0000573
%RSD	211.4867

#1	-.000036
#2	.000041
#3	.000076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.820	2964.211	37452.57	7151.044	2963.856
Stddev	3.363	5.391	134.16	24.006	.897
%RSD	.2113824	.1818552	.3582127	.3356958	.0302562

#1	1588.174	2965.753	37391.28	7150.028	2963.083
#2	1589.681	2968.663	37606.43	7127.563	2964.839
#3	1594.604	2958.218	37360.00	7175.542	2963.645

Sample Name: K5152-01MS Acquired: 10/08/2019 18:15:55 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5822533	1.926057	1.264132	1.238552	.1388444	122.0387	.7697217
Stddev	.0051609	.001654	.003607	.009168	.0023905	.7375	.0066853
%RSD	.8863596	.0858833	.2853584	.7402283	1.721733	.6043155	.8685315

#1	.5763096	1.924814	1.265483	1.232328	.1393142	121.1876	.7621006
#2	.5855973	1.927934	1.266868	1.249080	.1362538	122.4415	.7745960
#3	.5848530	1.925423	1.260044	1.234248	.1409651	122.4872	.7724686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507212	.1993273	58.26743	.4522698	.4030081	.6460691	299.2213
Stddev	.0006851	.0002300	.61577	.0013429	.0007917	.0058093	2.9812
%RSD	.4545453	.1153644	1.056803	.2969251	.1964580	.8991796	.9963144

#1	.1500103	.1993346	57.56665	.4532420	.4034955	.6394264	295.7796
#2	.1513772	.1990938	58.72201	.4507375	.4034342	.6501995	300.8831
#3	.1507761	.1995535	58.51364	.4528299	.4020946	.6485813	301.0012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.256709	51.01392	.7543720	.0553116	8.332058	.6593935	.7479394
Stddev	.070705	.55018	.0008109	.0003586	.234521	.0055958	.0008920
%RSD	1.130060	1.078493	.1074982	.6483489	2.814685	.8486232	.1192655

#1	6.175068	50.37990	.7535045	.0557121	8.064355	.6533318	.7483104
#2	6.297036	51.36573	.7545004	.0550203	8.430534	.6604867	.7469218
#3	6.298022	51.29613	.7551110	.0552024	8.501286	.6643620	.7485861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.35025	19.93827	.0635034	.2787207	4.862530	3.628315	.6996458
Stddev	.06257	.04508	.0060487	.0002102	.005759	.035136	.0038244
%RSD	.3606459	.2260980	9.524944	.0754318	.1184336	.9683947	.5466181

#1	17.27811	19.88642	.0565725	.2787705	4.857246	3.605321	.6972502
#2	17.38971	19.96023	.0677164	.2784901	4.868669	3.668760	.6976309
#3	17.38295	19.96816	.0662212	.2789016	4.861674	3.610863	.7040564

Sample Name: K5152-01MS Acquired: 10/08/2019 18:15:55 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.540461	.2762599	.3198423
Stddev	.023870	.0030081	.0022182
%RSD	.5257140	1.088873	.6935182

#1	4.513022	.2729657	.3173454
#2	4.551927	.2788609	.3205962
#3	4.556435	.2769531	.3215852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.090	4395.545	55702.86	10383.20	3065.795
Stddev	5.955	5.379	245.68	38.92	2.489
%RSD	.2532796	.1223667	.4410544	.3747884	.0811738

#1	2350.921	4401.387	55429.76	10408.25	3068.668
#2	2357.127	4390.798	55772.94	10338.37	3064.343
#3	2345.221	4394.450	55905.89	10402.98	3064.373

Sample Name: K5152-01MSD Acquired: 10/08/2019 18:19:31 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5847115	1.942571	1.272500	1.251263	.1364380	123.8104	.7980158
Stddev	.0082033	.004663	.002407	.001608	.0018417	.3380	.0036450
%RSD	1.402970	.2400350	.1891676	.1285390	1.349814	.2730112	.4567520

#1	.5758966	1.938286	1.270059	1.249505	.1343187	124.1165	.8020234
#2	.5861160	1.941889	1.272569	1.251623	.1373454	123.4476	.7948984
#3	.5921219	1.947537	1.274872	1.252661	.1376498	123.8670	.7971256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1527182	.2007993	58.64533	.4519220	.4174158	.6593778	306.3240
Stddev	.0033481	.0005604	.39006	.0069320	.0006966	.0020512	1.6100
%RSD	2.192373	.2790710	.6651209	1.533892	.1668845	.3110845	.5255950

#1	.1564787	.2002080	59.06015	.4569093	.4177770	.6586280	308.1044
#2	.1516154	.2008674	58.28596	.4548504	.4166128	.6578071	304.9704
#3	.1500606	.2013225	58.58988	.4440064	.4178577	.6616985	305.8971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.652849	51.67153	.7596234	.0557253	8.527721	.6704383	.7474063
Stddev	.029512	.23267	.0026992	.0003449	.193457	.0039316	.0047651
%RSD	.4435966	.4502916	.3553378	.6188782	2.268568	.5864248	.6375472

#1	6.679928	51.91477	.7565485	.0561214	8.545442	.6738521	.7497454
#2	6.621393	51.45111	.7616021	.0555632	8.711708	.6661397	.7505497
#3	6.657226	51.64869	.7607196	.0554914	8.326013	.6713231	.7419237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.46377	20.20148	.0610299	.2803050	4.761797	3.839116	.7021978
Stddev	.03469	.04302	.0085377	.0002331	.002954	.132258	.0024932
%RSD	.1986355	.2129362	13.98930	.0831739	.0620316	3.445009	.3550537

#1	17.42524	20.22640	.0519281	.2800973	4.760393	3.963986	.7021976
#2	17.49252	20.15181	.0623005	.2805572	4.765191	3.852824	.6997047
#3	17.47354	20.22624	.0688610	.2802606	4.759808	3.700538	.7046911

Sample Name: K5152-01MSD Acquired: 10/08/2019 18:19:31 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.610926	.2819155	.3146185
Stddev	.019163	.0037468	.0005852
%RSD	.4155962	1.329038	.1860101

#1	4.630476	.2847084	.3140190
#2	4.592175	.2776576	.3151883
#3	4.610127	.2833807	.3146481

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.555	4376.099	55810.71	10238.63	3043.401
Stddev	24.165	6.195	104.84	142.65	3.776
%RSD	1.017232	.1415621	.1878524	1.393299	.1240689

#1	2401.768	4380.736	55873.80	10077.40	3046.564
#2	2370.730	4378.497	55868.64	10348.48	3044.419
#3	2354.166	4369.063	55689.68	10290.00	3039.221

Sample Name: K5152-01A Acquired: 10/08/2019 18:23:07 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5795322	1.945692	1.278688	1.250366	.1350902	124.1293	.8035617
Stddev	.0054995	.010865	.003707	.009544	.0010111	.6407	.0041751
%RSD	.9489638	.5584096	.2899268	.7633314	.7484685	.5161165	.5195698

#1	.5847826	1.939665	1.274444	1.244602	.1346597	123.4129	.8010412
#2	.5800004	1.939176	1.281296	1.245114	.1343656	124.3280	.8012629
#3	.5738135	1.958235	1.280323	1.261383	.1362453	124.6471	.8083810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1506545	.2019649	57.87074	.4565416	.4302494	.6679067	307.4064
Stddev	.0010573	.0002718	.26214	.0009559	.0019628	.0019006	.8431
%RSD	.7018119	.1345635	.4529702	.2093876	.4562106	.2845535	.2742530

#1	.1509379	.2018307	57.68069	.4559104	.4288242	.6657201	306.6669
#2	.1494843	.2017864	57.76175	.4560731	.4324883	.6688379	307.2278
#3	.1515412	.2022777	58.16980	.4576415	.4294358	.6691621	308.3245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.892700	51.42375	.7633489	.0556704	8.502844	.6669477	.7607821
Stddev	.017755	.21194	.0014039	.0001492	.147372	.0044522	.0003974
%RSD	.2575924	.4121430	.1839128	.2680428	1.733206	.6675541	.0522396

#1	6.885236	51.33698	.7642613	.0555188	8.468417	.6619625	.7611539
#2	6.879895	51.26896	.7617323	.0558171	8.664382	.6705282	.7608290
#3	6.912969	51.66530	.7640531	.0556754	8.375733	.6683523	.7603633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.43967	20.48429	.0620099	.2804504	4.600743	3.852579	.7025104
Stddev	.12291	.03964	.0012482	.0008020	.005901	.026546	.0044254
%RSD	.7047470	.1935212	2.012937	.2859703	.1282548	.6890529	.6299411

#1	17.29923	20.49258	.0606321	.2798763	4.594003	3.846075	.7060586
#2	17.49214	20.44116	.0623324	.2813668	4.604980	3.829890	.7039210
#3	17.52763	20.51913	.0630653	.2801083	4.603245	3.881773	.6975517

Sample Name: K5152-01A Acquired: 10/08/2019 18:23:07 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB8618 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.624293	.2816698	.3092783
Stddev	.014353	.0027249	.0018152
%RSD	.3103881	.9674170	.5868976

#1	4.608390	.2807312	.3071883
#2	4.628199	.2795383	.3101867
#3	4.636288	.2847400	.3104599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.129	4362.751	55555.91	10347.82	3024.133
Stddev	7.401	7.343	228.09	62.68	2.929
%RSD	.3153241	.1683023	.4105655	.6057735	.0968616

#1	2338.583	4354.525	55293.89	10310.96	3021.309
#2	2351.401	4368.643	55663.79	10420.20	3027.157
#3	2351.403	4365.086	55710.06	10312.30	3023.932

Sample Name: K5238-01 Acquired: 10/08/2019 18:26:42 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961685	-.010478	.4031883	-.003327	.0022930	158.1496	.5906229
Stddev	.0033993	.005902	.0022251	.001699	.0006689	1.4864	.0059725
%RSD	3.534759	56.32987	.5518873	51.05159	29.17389	.9398663	1.011219

#1	.0933509	-.013925	.4040035	-.005252	.0015426	156.5499	.5837662
#2	.0952107	-.013846	.4006705	-.002037	.0028269	158.4107	.5934114
#3	.0999440	-.003663	.4048908	-.002693	.0025095	159.4881	.5946912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097564	-.001259	19.87191	.2170241	.0659515	.2602518	192.1358
Stddev	.0001113	.000208	.21806	.0014330	.0005194	.0048689	2.0173
%RSD	1.140546	16.50612	1.097332	.6603095	.7876061	1.870827	1.049917

#1	.0098544	-.001070	19.64338	.2157153	.0657185	.2546330	190.1048
#2	.0096354	-.001225	19.89462	.2185554	.0665466	.2632281	192.1635
#3	.0097792	-.001482	20.07772	.2168017	.0655893	.2628942	194.1390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.119715	16.65120	.1250216	.0026042	1.172365	.3595720	.4843990
Stddev	.011797	.15025	.0007588	.0001330	.077727	.0038559	.0015951
%RSD	1.053542	.9023245	.6069586	5.108066	6.629926	1.072348	.3293025

#1	1.108212	16.50249	.1258909	.0024524	1.120748	.3553013	.4843235
#2	1.119148	16.64816	.1246816	.0026604	1.261761	.3606174	.4828430
#3	1.131785	16.80294	.1244922	.0027000	1.134588	.3627974	.4860306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.115539	3.511237	-.068222	.0037475	.7786304	2.662633	.0168687
Stddev	.062849	.018604	.003016	.0003669	.0047997	.007619	.0015150
%RSD	.6894694	.5298505	4.421424	9.791692	.6164334	.2861582	8.980926

#1	9.043123	3.514821	-.071689	.0033508	.7841409	2.654093	.0185519
#2	9.147642	3.491102	-.066200	.0040748	.7763877	2.665072	.0156145
#3	9.155854	3.527789	-.066776	.0038168	.7753624	2.668735	.0164397

Sample Name: K5238-01 Acquired: 10/08/2019 18:26:42 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.010940	.0748930	.1454554
Stddev	.010716	.0007175	.0010729
%RSD	1.060013	.9579782	.7376262

#1	.999372	.0749301	.1444151
#2	1.012918	.0755911	.1453929
#3	1.020528	.0741577	.1465582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.026	3482.801	43729.18	8172.530	3159.494
Stddev	10.455	.813	175.49	27.904	6.958
%RSD	.5596924	.0233542	.4013201	.3414410	.2202318

#1	1856.502	3483.301	43557.13	8140.381	3167.441
#2	1870.672	3481.862	43722.49	8190.467	3154.492
#3	1876.903	3483.240	43907.92	8186.743	3156.551

Sample Name: K5239-01 Acquired: 10/08/2019 18:30:27 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STONE-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601462	-.014171	.0842762	-.010562	.0046742	122.5231	.0738168
Stddev	.0035529	.000888	.0007023	.002041	.0023999	.6640	.0005396
%RSD	5.907147	6.263594	.8332958	19.32763	51.34393	.5419295	.7310021

#1	.0638025	-.013174	.0846423	-.012840	.0070890	121.7564	.0733215
#2	.0567066	-.014464	.0847199	-.008899	.0022895	122.9019	.0737370
#3	.0599297	-.014875	.0834666	-.009947	.0046440	122.9110	.0743918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103935	-.002569	105.7463	.2899994	.1137954	.2895969	281.2735
Stddev	.0000444	.000085	.3205	.0012541	.0006006	.0006448	.4481
%RSD	.4267588	3.305579	.3030716	.4324485	.5278261	.2226480	.1592981

#1	.0104087	-.002472	105.3802	.2905776	.1144752	.2889761	280.8888
#2	.0104283	-.002630	105.9762	.2885605	.1135746	.2895514	281.7654
#3	.0103436	-.002605	105.8825	.2908601	.1133365	.2902633	281.1661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.436584	86.28157	.2562106	.0036873	3.112473	.5023610	.5867459
Stddev	.015058	.33919	.0000893	.0000984	.330674	.0028974	.0037358
%RSD	.2769740	.3931148	.0348562	2.668350	10.62417	.5767521	.6367054

#1	5.426952	85.89373	.2561241	.0037963	2.978270	.5038023	.5827152
#2	5.453936	86.52271	.2563025	.0036603	2.869997	.5042551	.5900923
#3	5.428863	86.42828	.2562051	.0036051	3.489151	.4990257	.5874302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.16437	5.744757	-.066237	.1928998	1.357904	1.566199	-.004337
Stddev	.14723	.027228	.007701	.0015438	.009773	.029212	.000561
%RSD	.8105668	.4739670	11.62606	.8003131	.7196895	1.865164	12.93303

#1	18.04665	5.725403	-.069325	.1928655	1.368425	1.561271	-.004270
#2	18.11700	5.732975	-.057471	.1913734	1.356176	1.539764	-.004929
#3	18.32946	5.775892	-.071914	.1944605	1.349110	1.597562	-.003813

Sample Name: K5239-01 Acquired: 10/08/2019 18:30:27 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STONE-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.118211	.2769650	.1092571
Stddev	.020786	.0014021	.0006682
%RSD	.5047322	.5062254	.6116031

#1	4.095130	.2773329	.1084873
#2	4.135453	.2754157	.1095968
#3	4.124051	.2781465	.1096872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.434	3322.360	42339.62	7906.294	3008.233
Stddev	13.505	.325	148.60	39.956	3.124
%RSD	.7484614	.0097956	.3509718	.5053671	.1038534

#1	1809.920	3322.736	42325.28	7861.611	3011.805
#2	1789.049	3322.185	42198.70	7938.586	3006.885
#3	1814.334	3322.160	42494.86	7918.686	3006.010

Sample Name: K5241-01 Acquired: 10/08/2019 18:34:09 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0668694	-.005378	.0298745	.0075629	.0104139	104.7189
Stddev	.0124614	.004702	.0024345	.0018590	.0018625	.7344
%RSD	18.63540	87.44538	8.149065	24.57992	17.88480	.7013418

#1	.0727231	-.001985	.0287305	.0094089	.0120706	103.8711
#2	.0753262	-.003402	.0282227	.0075887	.0083979	105.1619
#3	.0525590	-.010746	.0326703	.0056912	.0107731	105.1236

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4744569	.0049921	-.000765	F 2660.363	.1812225	.0245266
Stddev	.0025439	.0000568	.000127	33.466	.0009233	.0005999
%RSD	.5361701	1.137565	16.54373	1.257943	.5094991	2.445945

#1	.4715352	.0050137	-.000728	2621.841	.1814579	.0244368
#2	.4756546	.0049277	-.000661	2676.973	.1802042	.0251664
#3	.4761808	.0050349	-.000906	2682.274	.1820053	.0239767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721347	91.23410	2.395030	F 1047.271	.0964181	.0002869
Stddev	.0012640	.61467	.015198	6.396	.0008660	.0007625
%RSD	1.752294	.6737259	.6345816	.6106881	.8981898	265.7747

#1	.0706982	90.52666	2.378519	1039.943	.0968313	.0004428
#2	.0730765	91.53825	2.408436	1050.136	.0954229	.0009595
#3	.0726295	91.63740	2.398135	1051.732	.0970002	-.000542

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.077181	.2911816	.1954325	5.102830	3.052693	.0922730
Stddev	.100002	.0048133	.0005771	.114930	.002282	.0020569
%RSD	9.283678	1.653027	.2952826	2.252288	.0747668	2.229172

#1	1.068441	.2865656	.1959323	4.973847	3.052511	.0900638
#2	.981835	.2961705	.1948009	5.140277	3.050507	.0941330
#3	1.181266	.2908087	.1955641	5.194367	3.055061	.0926223

Sample Name: K5241-01 Acquired: 10/08/2019 18:34:09 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050528	45.95692	.8984737	-.008543	3.054172	.0901439
Stddev	.0008207	.13252	.0053248	.003107	.017228	.0017403
%RSD	16.24217	.2883555	.5926503	36.36807	.5640782	1.930590

#1	.0041515	45.87334	.8933312	-.011003	3.034640	.0891942
#2	.0052502	45.88771	.9039637	-.005051	3.067207	.0890850
#3	.0057568	46.10972	.8981261	-.009574	3.060668	.0921524

Elem	Sr4077
Units	ppm
Avg	5.111529
Stddev	.168277
%RSD	3.292101

#1	4.920197
#2	5.177852
#3	5.236538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.069	2693.900	34951.41	7060.113	2274.680
Stddev	10.793	1.083	206.84	46.565	1.636
%RSD	.7469020	.0402004	.5918048	.6595555	.0719118

#1	1442.505	2694.497	34963.06	7112.578	2276.477
#2	1456.913	2694.554	35152.19	7044.073	2274.289
#3	1435.789	2692.650	34738.99	7023.687	2273.276

Sample Name: CCV03 Acquired: 10/08/2019 18:38:12 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15568 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.066257	5.117470	5.084852	5.091623	5.080018	10.21038	10.26982
Stddev	.017013	.012955	.014978	.005941	.012083	.07075	.03636
%RSD	.3358080	.2531542	.2945596	.1166891	.2378507	.6929127	.3540548

#1	5.083705	5.112376	5.070788	5.091376	5.068393	10.14689	10.25774
#2	5.065350	5.132198	5.083165	5.097683	5.079149	10.19762	10.24105
#3	5.049715	5.107837	5.100602	5.085808	5.092512	10.28665	10.31069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2565080	2.546149	25.64857	1.025986	2.537938	1.273152	5.183856
Stddev	.0008272	.007324	.10350	.001974	.006912	.005357	.010819
%RSD	.3224829	.2876633	.4035464	.1923838	.2723475	.4207398	.2087036

#1	.2572744	2.537762	25.69633	1.027719	2.530080	1.270510	5.179251
#2	.2566185	2.549398	25.52981	1.026401	2.540654	1.269628	5.176102
#3	.2556311	2.551287	25.71957	1.023837	2.543079	1.279316	5.196216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.553288	25.40575	2.547266	1.283610	25.44390	2.540155	2.559030
Stddev	.007971	.11832	.008677	.008272	.33499	.013400	.011733
%RSD	.3122017	.4657135	.3406512	.6444274	1.316577	.5275308	.4585068

#1	2.549231	25.33149	2.537268	1.293068	25.49318	2.530136	2.566653
#2	2.548161	25.34356	2.552835	1.280033	25.08701	2.534952	2.545518
#3	2.562472	25.54219	2.551696	1.277728	25.75152	2.555376	2.564917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.25460	5.087925	5.091682	5.109142	5.053617	4.973348	5.081817
Stddev	.13996	.022333	.042711	.004848	.017704	.020684	.008857
%RSD	.5542094	.4389511	.8388414	.0948906	.3503243	.4158932	.1742955

#1	25.14377	5.111303	5.137944	5.103547	5.033284	4.996191	5.074837
#2	25.41189	5.066808	5.083355	5.112107	5.065617	4.967967	5.078833
#3	25.20815	5.085663	5.053748	5.111771	5.061950	4.955887	5.091781

Sample Name: CCV03 Acquired: 10/08/2019 18:38:12 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15568 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.086183	5.014381	5.046100
Stddev	.031399	.018733	.070825
%RSD	.6173437	.3735761	1.403557

#1	5.060599	5.032032	4.965753
#2	5.076726	4.994727	5.099478
#3	5.121223	5.016383	5.073070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.707	3078.121	38554.60	7204.513	3103.000
Stddev	9.904	5.239	163.87	31.128	.548
%RSD	.6021994	.1702075	.4250414	.4320652	.0176640

#1	1646.373	3072.296	38409.99	7175.202	3102.373
#2	1653.672	3079.619	38521.21	7201.150	3103.238
#3	1634.075	3082.448	38732.60	7237.186	3103.388

Sample Name: CCB03 Acquired: 10/08/2019 18:41:51 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15568 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029727	-.000107	-.000670	.0007619	-.000394	.0070732	.0006505
Stddev	.0035154	.001218	.000823	.0015731	.001425	.0025260	.0002392
%RSD	118.2548	1134.426	122.7663	206.4759	361.3082	35.71272	36.77725

#1	.0037236	.001281	-.001487	.0005360	-.001924	.0061934	.0005599
#2	-.000857	-.000609	-.000681	-.000686	-.000155	.0051047	.0009218
#3	.006052	-.000994	.000158	.002436	.000895	.0099215	.0004698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000404	.0000504	.0053412	-.000482	-.000029	.0023705	.0000519
Stddev	.0000168	.0000799	.0112419	.000301	.000291	.0019591	.0073968
%RSD	41.65899	158.4214	210.4766	62.45289	1008.202	82.64594	14240.40

#1	.0000487	.0000978	.0147494	-.000462	.000094	.0001093	.0071838
#2	.0000515	.0000953	-.007109	-.000792	.000181	.0035589	.0005560
#3	.0000211	-.000042	.008383	-.000191	-.000362	.0034431	-.007584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003493	.0040143	-.000120	-.000345	-.181800	.0015357	-.000275
Stddev	.0002191	.0272743	.000761	.000377	.246902	.0004501	.000097
%RSD	62.72852	679.4339	633.2654	109.3069	135.8094	29.30583	35.13621

#1	.0005476	.0343687	.000732	-.000188	-.458144	.0014655	-.000301
#2	.0001141	-.003894	-.000358	-.000072	-.104341	.0020168	-.000168
#3	.0003863	-.018432	-.000734	-.000776	.017084	.0011249	-.000356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570767	-.000034	.0057760	.0006704	.0060303	.0045150	-.001454
Stddev	.0733034	.001774	.0008850	.0002598	.0017106	.0015065	.001982
%RSD	128.4296	5166.365	15.32216	38.75330	28.36675	33.36639	136.3080

#1	.1311336	-.000015	.0065677	.0009672	.0042404	.0046546	.000376
#2	-.015449	-.001818	.0048205	.0005597	.0062017	.0059468	-.001179
#3	.055546	.001729	.0059396	.0004843	.0076487	.0029435	-.003560

Sample Name: CCB03 Acquired: 10/08/2019 18:41:51 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15568 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005568	.0013649	.0003338
Stddev	.0009272	.0012459	.0001234
%RSD	166.5198	91.28271	36.97041

#1	-.000512	.0003479	.0004542
#2	.001039	.0009921	.0003395
#3	.001144	.0027546	.0002076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.583	3109.474	38982.88	7177.304	3205.244
Stddev	9.605	5.736	482.94	42.294	8.333
%RSD	.5759970	.1844814	1.238842	.5892799	.2599741

#1	1670.132	3106.490	38840.56	7211.992	3196.969
#2	1675.656	3105.845	39520.98	7130.188	3205.131
#3	1656.960	3116.087	38587.09	7189.733	3213.633

Sample Name: K5147-04 Acquired: 10/08/2019 18:45:45 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052616	-.000646	.0042207	.0030497	.0017576	.1260036	.0807046
Stddev	.0005599	.001304	.0011264	.0004910	.0004858	.0031516	.0003171
%RSD	10.64130	201.8926	26.68646	16.09885	27.63804	2.501229	.3929174

#1	.0050520	-.001984	.0049982	.0027907	.0022018	.1223657	.0808256
#2	.0048369	-.000572	.0029290	.0036159	.0012389	.1279043	.0803448
#3	.0058961	.000620	.0047350	.0027424	.0018322	.1277409	.0809433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	.0001939	18.31711	.0009009	.0050304	.0090040	.3061700
Stddev	.000055	.0001251	.12874	.0004871	.0001224	.0030971	.0046076
%RSD	147.1274	64.47513	.7028396	54.07161	2.433873	34.39650	1.504910

#1	-.000100	.0000640	18.17748	.0009832	.0049219	.0097677	.3114879
#2	-.000001	.0002044	18.34276	.0013416	.0051631	.0116477	.3036506
#3	-.000010	.0003135	18.43109	.0003779	.0050060	.0055965	.3033714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4796435	.9536873	.0032380	-.000098	282.5718	.0038104	.0533579
Stddev	.0022865	.0194970	.0005362	.000145	3.2950	.0010341	.0001575
%RSD	.4767081	2.044381	16.55832	148.0395	1.166083	27.13932	.2952104

#1	.4770450	.9313099	.0038158	-.000262	278.7671	.0039937	.0531886
#2	.4805380	.9627375	.0031416	.000009	284.4624	.0047407	.0535001
#3	.4813475	.9670145	.0027566	-.000040	284.4860	.0026969	.0533850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3323844	.0060351	.0181514	.0000857	.2476091	.3122181	-.002777
Stddev	.0960348	.0027950	.0004126	.0004046	.0002135	.0016526	.001252
%RSD	28.89270	46.31305	2.273122	471.9375	.0862340	.5293121	45.06857

#1	.2515583	.0092100	.0186076	.0001146	.2473821	.3125891	-.001591
#2	.4385473	.0049500	.0178044	.0004752	.2478059	.3136537	-.002656
#3	.3070476	.0039453	.0180421	-.000333	.2476393	.3104116	-.004085

Sample Name: K5147-04 Acquired: 10/08/2019 18:45:45 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009873	-.004117	.0355484
Stddev	.0009337	.001750	.0001924
%RSD	94.57236	42.51146	.5411447

#1	.0013441	-.004751	.0353678
#2	-.000072	-.002138	.0355269
#3	.001690	-.005463	.0357507

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.993	2996.977	37594.12	7146.123	2981.789
Stddev	1.867	2.588	122.45	38.591	1.659
%RSD	.1165431	.0863425	.3257278	.5400226	.0556362

#1	1600.259	2994.450	37672.89	7135.506	2980.105
#2	1601.750	2996.859	37453.04	7113.952	2983.421
#3	1603.969	2999.621	37656.42	7188.911	2981.840

Sample Name: K5147-04DUP Acquired: 10/08/2019 18:49:37 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016740	-.003245	.0049665	.0031301	.0007344	.1147588	.0793523
Stddev	.0033226	.002172	.0011891	.0014412	.0020377	.0097511	.0021197
%RSD	198.4857	66.92092	23.94316	46.04362	277.4463	8.497064	2.671249

#1	.0052555	-.001606	.0046368	.0047823	.0025373	.1058857	.0770712
#2	-.001308	-.002422	.0039770	.0021321	-.001476	.1251983	.0797245
#3	.001074	-.005708	.0062857	.0024758	.001142	.1131925	.0812612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0001699	18.14215	.0011185	.0050523	.0074617	.2945920
Stddev	.000055	.0000976	.49569	.0002483	.0003340	.0021323	.0136648
%RSD	275.1391	57.42813	2.732280	22.19926	6.610835	28.57634	4.638563

#1	-.000029	.0001208	17.58431	.0014008	.0051051	.0094520	.2808833
#2	.000039	.0002822	18.31010	.0009336	.0053568	.0077217	.2946801
#3	-.000071	.0001066	18.53206	.0010212	.0046951	.0052113	.3082125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4737981	.9469061	.0037956	-.000423	279.7167	.0022585	.0542196
Stddev	.0126937	.0224858	.0004318	.000392	7.0507	.0005691	.0003955
%RSD	2.679141	2.374660	11.37710	92.48194	2.520659	25.19939	.7294291

#1	.4596077	.9303721	.0038828	-.000367	271.7561	.0029112	.0540321
#2	.4777145	.9725104	.0041772	-.000063	282.2192	.0019992	.0539527
#3	.4840722	.9378357	.0033268	-.000840	285.1749	.0018653	.0546740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3676824	.0071925	.0153798	-.000309	.2447972	.3090834	-.002398
Stddev	.0178370	.0023468	.0011334	.000407	.0037993	.0051820	.000567
%RSD	4.851200	32.62843	7.369118	131.3748	1.552018	1.676572	23.65161

#1	.3597900	.0081993	.0166377	-.000029	.2483914	.3031193	-.003050
#2	.3551532	.0088679	.0150638	-.000124	.2451786	.3124841	-.002133
#3	.3881041	.0045103	.0144380	-.000776	.2408216	.3116468	-.002013

Sample Name: K5147-04DUP Acquired: 10/08/2019 18:49:37 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005948	-.000184	.0353081
Stddev	.0009419	.001012	.0009311
%RSD	158.3368	548.5025	2.637195

#1	.0011836	-.000550	.0342594
#2	.0010924	-.000963	.0356271
#3	-.000491	.000959	.0360378

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.985	2986.173	37629.66	7231.785	2971.793
Stddev	10.498	2.318	238.46	93.110	2.178
%RSD	.6553131	.0776205	.6336943	1.287508	.0733005

#1	1595.083	2984.587	37553.54	7338.098	2969.383
#2	1614.067	2985.099	37896.89	7164.751	2972.372
#3	1596.807	2988.833	37438.56	7192.505	2973.623

Sample Name: K5147-04LX5 Acquired: 10/08/2019 18:53:29 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045436	-.000162	.0007539	-.001073	.0016285	.0305313	.0164783
Stddev	.0025469	.002925	.0005969	.002078	.0023078	.0142858	.0003184
%RSD	56.05522	1801.260	79.17272	193.7255	141.7153	46.79081	1.931942

#1	.0074456	.000417	.0013578	-.000544	.0010746	.0169335	.0161386
#2	.0035053	-.003334	.0007399	-.003364	-.000352	.0454179	.0167698
#3	.0026798	.002430	.0001642	.000690	.004163	.0292425	.0165264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000748	3.649332	-.000535	.0008077	.0024914	.0594084
Stddev	.000040	.0000690	.060368	.000619	.0004779	.0019439	.0011821
%RSD	247.8549	92.28423	1.654230	115.5461	59.17171	78.02314	1.989783

#1	-.000037	.0000942	3.584735	-.000051	.0003023	.0037411	.0582568
#2	.000030	.0001319	3.704320	-.001232	.0012524	.0034814	.0606188
#3	-.000041	-.000002	3.658942	-.000323	.0008684	.0002518	.0593496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0970716	.1785520	.0007690	-.000651	57.06201	.0001596	.0107748
Stddev	.0011107	.0215180	.0006257	.000147	1.15135	.0022119	.0001082
%RSD	1.144196	12.05139	81.36390	22.54574	2.017718	1385.684	1.003735

#1	.0957916	.1629592	.0014366	-.000770	55.81493	.0001411	.0106500
#2	.0976433	.1695952	.0001959	-.000487	58.08455	-.002043	.0108345
#3	.0977801	.2031017	.0006745	-.000695	57.28655	.002381	.0108400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0742469	.0035826	-.001189	-.000176	.0481032	.0643044	-.002363
Stddev	.0715893	.0015178	.000372	.000127	.0040422	.0038536	.000110
%RSD	96.42057	42.36465	31.29080	71.96530	8.403255	5.992760	4.662226

#1	.0037411	.0051189	-.001601	-.000106	.0522840	.0601875	-.002403
#2	.0721270	.0020841	-.001089	-.000100	.0442155	.0678252	-.002447
#3	.1468725	.0035448	-.000877	-.000322	.0478102	.0649006	-.002238

Sample Name: K5147-04LX5 Acquired: 10/08/2019 18:53:29 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005390	.0016554	.0071423
Stddev	.0006582	.0008566	.0000422
%RSD	122.1075	51.74841	.5902307

#1	.0009415	.0017530	.0071547
#2	.0008961	.0024590	.0070953
#3	-.000221	.0007541	.0071768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.970	3092.699	38900.41	7204.340	3176.831
Stddev	12.288	6.513	139.23	62.151	8.919
%RSD	.7371429	.2106002	.3579185	.8626873	.2807668

#1	1653.224	3087.019	38744.46	7255.685	3167.317
#2	1670.800	3091.269	38944.56	7135.245	3178.171
#3	1676.887	3099.808	39012.22	7222.090	3185.004

Sample Name: K5147-04MS Acquired: 10/08/2019 18:57:21 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8037772	2.033785	1.024358	1.832302	.8116398	2.190839	.2834064
Stddev	.0043726	.004696	.004159	.003845	.0022968	.023940	.0042405
%RSD	.5440024	.2308846	.4060499	.2098280	.2829815	1.092728	1.496249

#1	.8018395	2.030002	1.020749	1.828088	.8090565	2.163449	.2785270
#2	.8007082	2.032313	1.023418	1.835619	.8134513	2.201302	.2862001
#3	.8087838	2.039041	1.028907	1.833199	.8124117	2.207767	.2854919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1959393	.2060539	17.08950	.4207274	.2136395	.3229378	3.545783
Stddev	.0006036	.0000802	.27130	.0051671	.0001783	.0058245	.047581
%RSD	.3080569	.0389220	1.587519	1.228133	.0834408	1.803586	1.341914

#1	.1953869	.2061408	16.78028	.4238651	.2136536	.3163009	3.491538
#2	.1958473	.2060384	17.28757	.4147636	.2138102	.3271982	3.565352
#3	.1965836	.2059826	17.20066	.4235534	.2134545	.3253144	3.580460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6303179	2.905142	.5252608	.0743404	251.1205	.3231645	.2585588
Stddev	.0112508	.021206	.0007074	.0009866	3.9974	.0069492	.0025960
%RSD	1.784945	.7299550	.1346730	1.327171	1.591840	2.150369	1.004011

#1	.6173504	2.912226	.5260336	.0752717	246.5098	.3153078	.2604172
#2	.6374824	2.881301	.5251035	.0733065	253.6140	.3285057	.2555928
#3	.6361210	2.921899	.5246453	.0744430	253.2378	.3256799	.2596665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91890	6.132981	.3024843	.4362224	.2049668	1.180244	.7499881
Stddev	.23023	.033042	.0002990	.0009247	.0048061	.006253	.0015892
%RSD	2.108529	.5387576	.0988350	.2119892	2.344807	.5297808	.2118950

#1	10.65416	6.112387	.3023875	.4357401	.1997395	1.173989	.7484916
#2	11.03028	6.115463	.3022457	.4356384	.2059664	1.180248	.7516561
#3	11.07225	6.171093	.3028197	.4372886	.2091945	1.186494	.7498166

Sample Name: K5147-04MS Acquired: 10/08/2019 18:57:21 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2116146	.2102978	.2388131
Stddev	.0034219	.0031326	.0040353
%RSD	1.617028	1.489585	1.689734

#1	.2076686	.2067410	.2342097
#2	.2134118	.2115063	.2404905
#3	.2137635	.2126462	.2417392

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1580.033	2967.523	37436.96	7083.793	2972.666
Stddev	16.148	2.571	400.72	14.068	5.636
%RSD	1.022001	.0866314	1.070391	.1985932	.1895892

#1	1566.254	2965.550	37067.24	7094.159	2966.581
#2	1597.802	2970.431	37862.77	7067.779	2977.706
#3	1576.043	2966.590	37380.89	7089.442	2973.712

Sample Name: K5147-04MSD Acquired: 10/08/2019 19:01:01 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7945577	2.020451	1.018915	1.816263	.8051588	2.186782	.2806002
Stddev	.0023159	.010704	.000626	.006908	.0007470	.052901	.0060117
%RSD	.2914657	.5297671	.0614122	.3803348	.0927721	2.419140	2.142438

#1	.7944499	2.008743	1.019083	1.822209	.8059895	2.127782	.2736963
#2	.7922977	2.022873	1.018222	1.817894	.8045425	2.202577	.2846785
#3	.7969256	2.029736	1.019439	1.808685	.8049446	2.229986	.2834259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1959507	.2050401	16.91880	.4233367	.2124760	.3239009	3.483037
Stddev	.0020335	.0004201	.38480	.0006375	.0005371	.0082551	.068991
%RSD	1.037744	.2048950	2.274395	.1505809	.2527895	2.548645	1.980766

#1	.1937508	.2045689	16.47449	.4228979	.2123464	.3143773	3.403385
#2	.1977615	.2051760	17.13766	.4230444	.2120156	.3290128	3.521669
#3	.1963399	.2053755	17.14426	.4240679	.2130661	.3283127	3.524057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6274100	2.824847	.5235504	.0738938	247.9689	.3241261	.2592506
Stddev	.0175526	.060643	.0017190	.0001550	5.2436	.0074633	.0005120
%RSD	2.797626	2.146788	.3283288	.2096972	2.114628	2.302591	.1974966

#1	.6072524	2.757135	.5216612	.0740722	241.9168	.3162083	.2597327
#2	.6356593	2.843246	.5239675	.0737932	250.8371	.3251385	.2593060
#3	.6393183	2.874161	.5250223	.0738159	251.1527	.3310316	.2587132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80865	6.145437	.2999564	.4316854	.2071464	1.181716	.7493425
Stddev	.25797	.015853	.0048490	.0009838	.0029419	.014898	.0035934
%RSD	2.386699	.2579590	1.616575	.2278899	1.420220	1.260705	.4795427

#1	10.51111	6.127343	.2948687	.4328007	.2081367	1.165645	.7460648
#2	10.94511	6.156885	.3045250	.4309412	.2094654	1.195065	.7487779
#3	10.96971	6.152084	.3004754	.4313141	.2038371	1.184439	.7531847

Sample Name: K5147-04MSD Acquired: 10/08/2019 19:01:01 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-03-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2096086	.2107773	.2369232
Stddev	.0050381	.0057373	.0049642
%RSD	2.403563	2.721955	2.095284

#1	.2038013	.2045613	.2312271
#2	.2122145	.2158695	.2392149
#3	.2128100	.2119012	.2403275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.688	2983.133	37637.67	7126.519	2982.056
Stddev	10.507	5.580	373.18	79.906	2.690
%RSD	.6613433	.1870369	.9915148	1.121246	.0902122

#1	1580.453	2976.859	37381.04	7175.100	2980.573
#2	1585.090	2987.539	37466.20	7034.296	2985.161
#3	1600.521	2985.001	38065.77	7170.161	2980.433

Sample Name: K5147-04A Acquired: 10/08/2019 19:04:41 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8051213	2.026886	1.021114	1.812790	.8100246	2.192659	.2816501
Stddev	.0047722	.007464	.003822	.003681	.0047099	.050209	.0038385
%RSD	.5927363	.3682671	.3742713	.2030313	.5814486	2.289858	1.362866

#1	.8097705	2.027311	1.018346	1.811321	.8069409	2.136787	.2772433
#2	.8002348	2.019218	1.019522	1.816979	.8076869	2.207192	.2834421
#3	.8053586	2.034128	1.025474	1.810072	.8154461	2.233998	.2842649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2002414	.2061847	17.07194	.4261945	.2135640	.3236103	3.512680
Stddev	.0016212	.0003839	.30602	.0007978	.0007031	.0058007	.059555
%RSD	.8096065	.1861923	1.792544	.1871963	.3292147	1.792486	1.695437

#1	.1988412	.2061736	16.72286	.4256189	.2137951	.3176161	3.445110
#2	.2020174	.2058064	17.29398	.4271052	.2127745	.3240190	3.557533
#3	.1998654	.2065740	17.19898	.4258594	.2141225	.3291959	3.535398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6324661	2.864611	.5253073	.0737381	249.9988	.3262863	.2569969
Stddev	.0119037	.104338	.0013946	.0001618	4.6145	.0061854	.0010015
%RSD	1.882112	3.642293	.2654771	.2194280	1.845809	1.895691	.3897039

#1	.6187237	2.755178	.5258313	.0737428	244.6708	.3192017	.2577322
#2	.6395757	2.875683	.5237267	.0735740	252.6055	.3290442	.2558562
#3	.6390990	2.962970	.5263641	.0738975	252.7200	.3306130	.2574024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93149	6.178257	.3073595	.4352923	.2025570	1.208990	.7507706
Stddev	.28955	.030812	.0048946	.0004277	.0055047	.010425	.0014603
%RSD	2.648807	.4987123	1.592462	.0982601	2.717626	.8622714	.1945077

#1	10.60357	6.163097	.3038129	.4348016	.2050560	1.203797	.7524370
#2	11.03891	6.157962	.3129437	.4355858	.2063690	1.220992	.7501611
#3	11.15197	6.213712	.3053218	.4354896	.1962461	1.202182	.7497139

Sample Name: K5147-04A Acquired: 10/08/2019 19:04:41 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2120293	.2126618	.2383584
Stddev	.0041767	.0048466	.0038748
%RSD	1.969875	2.279034	1.625632

#1	.2072530	.2071793	.2340372
#2	.2138383	.2163758	.2395141
#3	.2149966	.2144303	.2415238

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.168	2970.566	38071.81	7061.829	2970.956
Stddev	11.171	8.484	93.17	50.673	5.282
%RSD	.6924690	.2855995	.2447279	.7175557	.1777913

#1	1600.270	2961.304	38160.28	7089.039	2965.203
#2	1619.755	2972.434	37974.55	7003.364	2975.586
#3	1619.477	2977.960	38080.60	7093.084	2972.080

Sample Name: K5152-05 Acquired: 10/08/2019 19:08:22 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000335	-.000262	.0009150	.0045630	.0019581	.0945026	.0824038
Stddev	.004870	.001489	.0003293	.0022365	.0032667	.0070379	.0017996
%RSD	1455.940	567.2784	35.98447	49.01330	166.8307	7.447259	2.183918

#1	.000397	-.001906	.0008348	.0044268	.0043104	.1010170	.0804061
#2	.004128	.000122	.0012770	.0023977	.0033356	.0954531	.0829070
#3	-.005529	.000996	.0006333	.0068644	-.001772	.0870379	.0838982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000178	.0001439	10.64798	.0003237	.0041204	.0088087	.0452867
Stddev	.0000515	.0000354	.18793	.0003251	.0002583	.0025273	.0046908
%RSD	289.8452	24.62680	1.764971	100.4351	6.269865	28.69055	10.35808

#1	.0000232	.0001058	10.43630	.0005803	.0040110	.0113729	.0458675
#2	.0000664	.0001501	10.71243	.0004326	.0039348	.0063200	.0403325
#3	-.000036	.0001759	10.79521	-.000042	.0044155	.0087333	.0496601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5799697	2.034411	.0030917	-.000257	257.1083	.0003156	.0337619
Stddev	.0090411	.036235	.0004345	.000240	5.1457	.0016908	.0001578
%RSD	1.558887	1.781081	14.05332	93.22070	2.001360	535.8291	.4673834

#1	.5705599	1.993875	.0035918	-.000420	251.3819	.0019693	.0339185
#2	.5807590	2.063654	.0028069	.000018	258.5992	-.001410	.0336030
#3	.5885903	2.045704	.0028765	-.000370	261.3440	.000387	.0337641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4572352	.0064833	.0074870	-.000285	.1585334	.4365980	-.001040
Stddev	.0279615	.0005653	.0001985	.000287	.0042450	.0070785	.000158
%RSD	6.115334	8.719762	2.651795	100.6784	2.677668	1.621292	15.20399

#1	.4316565	.0059710	.0074889	-.000157	.1574631	.4382528	-.000867
#2	.4529617	.0070898	.0076846	-.000085	.1549260	.4288387	-.001177
#3	.4870874	.0063890	.0072875	-.000615	.1632111	.4427025	-.001076

Sample Name: K5152-05 Acquired: 10/08/2019 19:08:22 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-02-100719 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001910	.0063358	.0338803
Stddev	.0005045	.0021314	.0004978
%RSD	264.1007	33.63987	1.469138

#1	-0.000158	.0083483	.0333276
#2	.000769	.0041027	.0340200
#3	-0.000038	.0065564	.0342932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.310	2982.618	37719.18	7180.093	2982.794
Stddev	7.741	11.493	67.38	57.541	11.208
%RSD	.4822332	.3853283	.1786482	.8013948	.3757705

#1	1611.393	2969.829	37795.50	7220.464	2970.111
#2	1596.596	2992.082	37667.89	7205.609	2991.368
#3	1607.940	2985.942	37694.15	7114.206	2986.903

Sample Name: K5238-06 Acquired: 10/08/2019 19:12:13 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014406	.0007091	.0037411	.0030457	-.000925	.1558392	.0838312
Stddev	.0045085	.0010664	.0016109	.0045580	.000815	.0204174	.0020845
%RSD	312.9558	150.3868	43.05816	149.6537	88.07796	13.10155	2.486586

#1	.0064507	-.000171	.0054225	.0036529	-.001672	.1324555	.0817050
#2	.0001607	.001895	.0022115	.0072696	-.001047	.1701330	.0839174
#3	-.002290	.000404	.0035893	-.001785	-.000056	.1649292	.0858714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	.0000287	5.071580	.0000499	.0011921	.0064828	.0944866
Stddev	.000032	.0001277	.134217	.0001153	.0000890	.0016395	.0020731
%RSD	48.77257	445.0223	2.646457	230.9296	7.465501	25.28929	2.194067

#1	-.000100	-.000119	4.918957	-.000008	.0012918	.0068607	.0935713
#2	-.000039	.000098	5.124572	.000183	.0011635	.0046874	.0930288
#3	-.000055	.000107	5.171212	-.000025	.0011208	.0079004	.0968599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0669907	.5943148	.0013967	-.000055	252.8939	-.001888	.0354789
Stddev	.0020975	.0229884	.0002439	.000375	5.8060	.001394	.0006310
%RSD	3.131012	3.868043	17.46048	682.8866	2.295811	73.83268	1.778611

#1	.0646487	.5708721	.0016600	-.000390	246.3791	-.001658	.0355185
#2	.0676273	.5952523	.0011785	-.000124	254.7816	-.003383	.0360892
#3	.0686962	.6168201	.0013517	.000350	257.5212	-.000624	.0348290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2416958	.0077043	.0103525	-.000173	.1205266	.3710459	-.001500
Stddev	.1216004	.0012649	.0003713	.000778	.0023487	.0077000	.002047
%RSD	50.31135	16.41784	3.586457	449.5163	1.948678	2.075217	136.5074

#1	.1658123	.0091184	.0099241	-.001029	.1179133	.3630643	-.002299
#2	.1773246	.0066809	.0105506	.000490	.1212049	.3716437	.000827
#3	.3819505	.0073134	.0105827	.000020	.1224614	.3784295	-.003026

Sample Name: K5238-06 Acquired: 10/08/2019 19:12:13 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021961	.0064635	.0294534
Stddev	.0002266	.0012197	.0007102
%RSD	10.31714	18.87007	2.411164

#1	.0020587	.0059329	.0286938
#2	.0020720	.0055991	.0295656
#3	.0024576	.0078587	.0301007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.785	2971.787	37454.61	7168.015	2980.842
Stddev	6.280	7.191	178.42	78.728	6.738
%RSD	.3950313	.2419605	.4763541	1.098321	.2260285

#1	1584.109	2964.661	37287.91	7242.616	2973.295
#2	1596.532	2979.040	37642.79	7175.703	2986.252
#3	1588.714	2971.660	37433.11	7085.725	2982.977

Sample Name: K5241-02 Acquired: 10/08/2019 19:16:03 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040077	-.003308	.0011873	.0070890	.0022001	.0920251	.0707595
Stddev	.0035127	.002200	.0016925	.0039320	.0014784	.0050682	.0011162
%RSD	87.64939	66.50579	142.5454	55.46659	67.19688	5.507407	1.577446

#1	.0059650	-.001176	.0009768	.0052485	.0009609	.0962895	.0694708
#2	.0061057	-.005569	.0029753	.0044148	.0018028	.0864219	.0714191
#3	-.000048	-.003177	-.000390	.0116038	.0038365	.0933638	.0713888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	-.000080	205.2990	.0051161	-.001215	.0016961	-.006463
Stddev	.000038	.000076	4.1408	.0003329	.000146	.0010103	.001416
%RSD	33.13732	94.48709	2.016957	6.507282	12.01838	59.56573	21.90095

#1	-.000107	-.000164	200.5825	.0048587	-.001360	.0009159	-.004913
#2	-.000157	-.000018	208.3374	.0054921	-.001218	.0028373	-.006790
#3	-.000082	-.000058	206.9769	.0049975	-.001068	.0013351	-.007686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001874	.4519107	-.000936	-.000132	294.6817	.0079364	.0127508
Stddev	.0002515	.0150811	.000434	.000152	5.3260	.0030767	.0005134
%RSD	134.2439	3.337178	46.36103	115.5507	1.807390	38.76756	4.026202

#1	-.000022	.4560054	-.001421	-.000002	288.5337	.0114330	.0122647
#2	.000118	.4645215	-.000584	-.000094	297.8906	.0056435	.0132877
#3	.000466	.4352051	-.000804	-.000299	297.6208	.0067326	.0127002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8635156	.0064075	.0333852	.0010593	7.045649	4.537916	-.006266
Stddev	.1550540	.0024407	.0011595	.0003351	.019323	.106156	.001761
%RSD	17.95613	38.09124	3.473119	31.63645	.2742591	2.339313	28.10386

#1	.6903577	.0036202	.0330131	.0008355	7.027756	4.468020	-.005503
#2	.9895155	.0074400	.0346851	.0008977	7.043051	4.660070	-.005016
#3	.9106736	.0081622	.0324574	.0014445	7.066140	4.485656	-.008280

Sample Name: K5241-02 Acquired: 10/08/2019 19:16:03 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004530	.0098523	1.332430
Stddev	.000424	.0025113	.021513
%RSD	9.367140	25.48939	1.614538

#1	-.004988	.0070079	1.307989
#2	-.004451	.0107857	1.340804
#3	-.004151	.0117632	1.348495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.324	2876.782	36671.65	7070.862	2861.060
Stddev	18.648	12.298	509.23	73.270	9.901
%RSD	1.209895	.4274963	1.388621	1.036226	.3460457

#1	1528.771	2862.584	36390.78	7128.584	2850.341
#2	1562.753	2884.114	37259.47	6988.432	2869.861
#3	1532.449	2883.648	36364.71	7095.570	2862.979

Sample Name: CCV04 Acquired: 10/08/2019 19:19:52 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15569 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.094342	5.136098	5.113888	5.113908	5.079350	10.26259	10.21977
Stddev	.002828	.010184	.012957	.009648	.008355	.07353	.16877
%RSD	.0555207	.1982824	.2533780	.1886651	.1644806	.7165145	1.651433

#1	5.091183	5.147718	5.128816	5.122188	5.079671	10.18884	10.31386
#2	5.096638	5.131856	5.105543	5.116222	5.070839	10.26302	10.02493
#3	5.095205	5.128721	5.107306	5.103313	5.087539	10.33591	10.32053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2588285	2.568608	25.75854	1.030842	2.554521	1.277197	5.177294
Stddev	.0010771	.006028	.21813	.000547	.003464	.005778	.039577
%RSD	.4161318	.2346751	.8468151	.0530702	.1356043	.4524301	.7644436

#1	.2592178	2.575219	25.65420	1.030840	2.558121	1.271469	5.150413
#2	.2576109	2.567188	25.61217	1.031391	2.551211	1.277097	5.158727
#3	.2596568	2.563417	26.00924	1.030297	2.554232	1.283025	5.222741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.571859	25.70205	2.561228	1.275438	25.58385	2.559852	2.551382
Stddev	.016479	.17663	.001644	.008070	.29942	.019411	.003826
%RSD	.6407548	.6872383	.0641782	.6326980	1.170350	.7583048	.1499606

#1	2.568539	25.62389	2.562527	1.278141	25.26989	2.546562	2.552651
#2	2.557292	25.57798	2.559380	1.266364	25.61545	2.550866	2.554413
#3	2.589745	25.90428	2.561777	1.281810	25.86622	2.582129	2.547083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.39126	5.118592	5.124253	5.126908	5.062052	4.981962	5.107765
Stddev	.12535	.008874	.037922	.008707	.009309	.027540	.005030
%RSD	.4936650	.1733714	.7400564	.1698334	.1839022	.5527855	.0984736

#1	25.31553	5.120572	5.151028	5.136961	5.055170	4.991073	5.113469
#2	25.32229	5.108895	5.080858	5.121990	5.058341	4.951022	5.103964
#3	25.53594	5.126309	5.140873	5.121772	5.072644	5.003791	5.105863

Sample Name: CCV04 Acquired: 10/08/2019 19:19:52 Type: Unk
 Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15569 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.121585	5.074790	5.005875
Stddev	.022258	.045606	.044683
%RSD	.4345899	.8986858	.8926067

#1	5.099490	5.082439	4.954617
#2	5.121263	5.025843	5.026405
#3	5.144003	5.116089	5.036604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.641	3146.316	39784.25	7355.665	3162.114
Stddev	7.401	8.475	319.42	68.627	7.224
%RSD	.4370113	.2693781	.8028915	.9329787	.2284527

#1	1686.695	3136.530	39530.20	7308.943	3153.776
#2	1701.426	3151.337	40142.85	7434.456	3166.089
#3	1692.801	3151.080	39679.70	7323.597	3166.478

Sample Name: CCB04 Acquired: 10/08/2019 19:23:37 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15569 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000830	.0019980	.0000514	.0048160	.0002610	.0063021	.0011861
Stddev	.004846	.0021655	.0004699	.0020074	.0016646	.0053918	.0003802
%RSD	583.6789	108.3828	914.3122	41.68158	637.7941	85.55534	32.05093

#1	.003121	.0040054	-.000273	.0063517	-.001645	.0031202	.0015740
#2	.000626	.0022858	-.000163	.0025446	.001002	.0125274	.0008143
#3	-.006237	-.000297	.000590	.0055519	.001426	.0032586	.0011699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	.0001048	-.010606	-.000073	-.000317	.0000474	-.001654
Stddev	.000026	.0000555	.007055	.001067	.000322	.0030795	.008719
%RSD	43.80210	52.95910	66.52351	1459.809	101.7202	6499.558	527.2572

#1	-.000084	.0001424	-.002762	.000544	-.000679	.0030927	-.006542
#2	-.000066	.0001308	-.016434	.000541	-.000062	-.003065	.008413
#3	-.000032	.0000410	-.012621	-.001305	-.000210	.000115	-.006831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001456	-.017315	.0000156	-.000365	-.231966	.0022134	-.000039
Stddev	.0002195	.016744	.0002202	.000438	.342495	.0011562	.000377
%RSD	150.7792	96.70113	1412.691	120.0679	147.6489	52.23539	979.7315

#1	.0001290	-.017080	-.000048	-.000270	-.479226	.0035338	.000344
#2	-.000065	-.034175	-.000166	.000018	-.375635	.0017242	-.000410
#3	.000373	-.000690	.000261	-.000843	.158965	.0013823	-.000050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793866	-.000906	.0071284	.0004095	.0034914	.0042039	-.000062
Stddev	.1695601	.002217	.0007760	.0002523	.0010131	.0017264	.001606
%RSD	213.5880	244.7656	10.88617	61.63253	29.01817	41.06759	2575.248

#1	-.112526	.000899	.0077606	.0005241	.0031586	.0058518	.000542
#2	.141760	-.000236	.0073624	.0005841	.0046290	.0024084	.001154
#3	.208925	-.003381	.0062624	.0001201	.0026865	.0043514	-.001883

Sample Name: CCB04 Acquired: 10/08/2019 19:23:37 Type: Unk
Method: NON EPA-6010-200.7(v178) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15569 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000278	.0048168	.0002252
Stddev	.000703	.0014411	.0001695
%RSD	252.4934	29.91800	75.26851

#1	.000226	.0036663	.0004091
#2	-.001082	.0043508	.0000753
#3	.000020	.0064332	.0001910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.118	3150.687	39520.24	7249.269	3247.409
Stddev	3.253	7.002	36.29	34.389	6.402
%RSD	.1923813	.2222487	.0918256	.4743725	.1971410

#1	1691.850	3146.425	39531.94	7261.993	3252.992
#2	1687.562	3158.768	39549.23	7275.481	3248.814
#3	1693.944	3146.867	39479.54	7210.331	3240.421