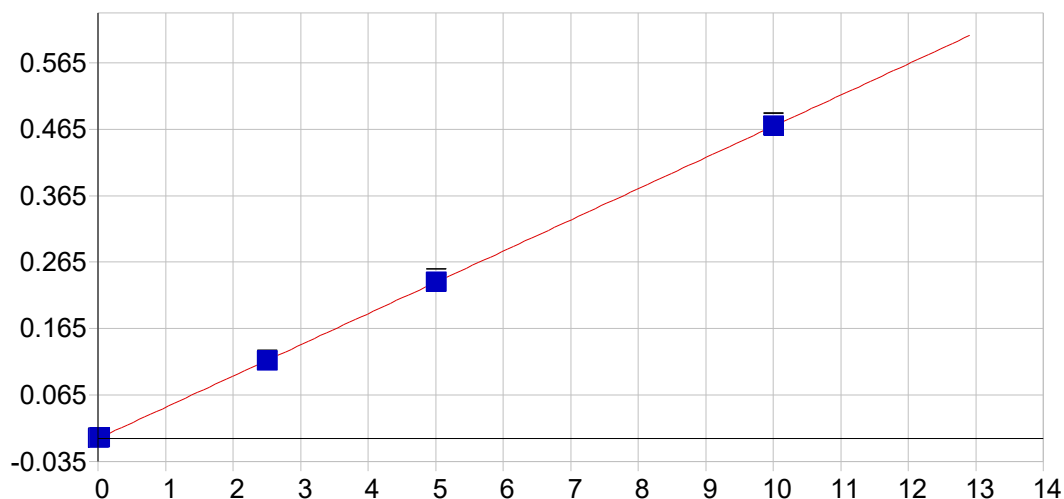


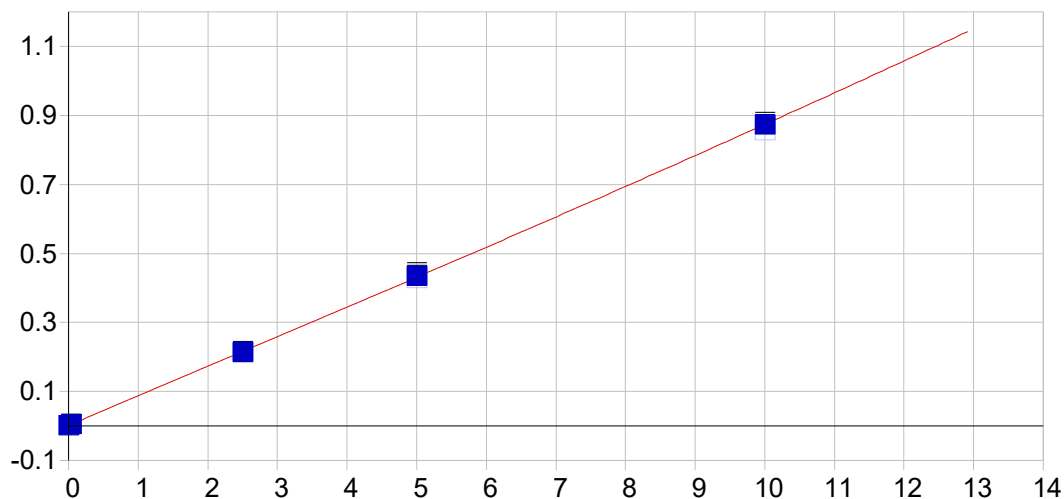


As 189.042 {479}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000364 Re-Slope: 1.000000
 A1 (Gain): 0.046965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.002954
 Predicted MQL: 0.009846

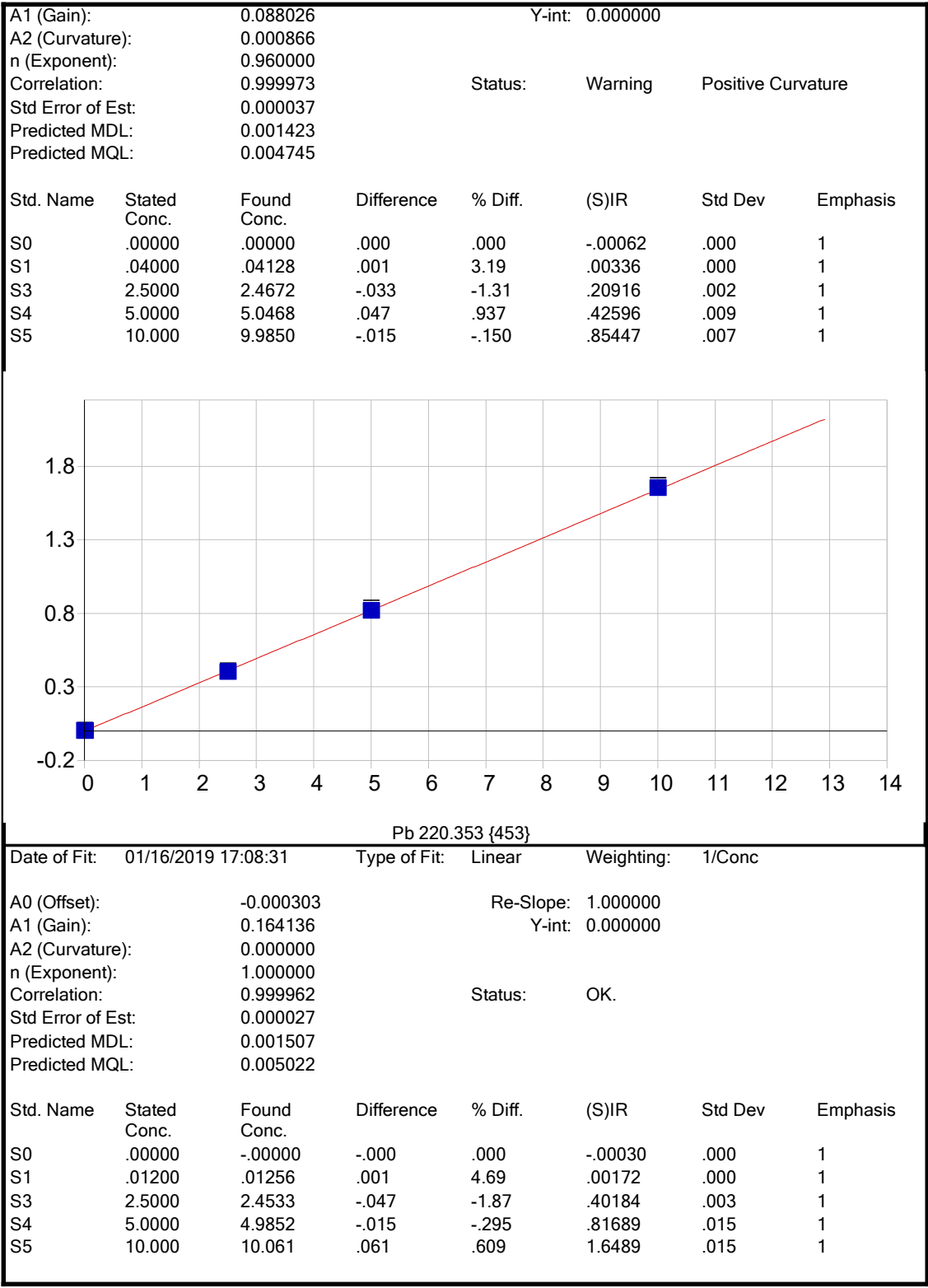
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.02000	.01960	-.000	-2.00	.00057	.000	1
S3	2.5000	2.4854	-.015	-.585	.11651	.001	1
S4	5.0000	5.0080	.008	.159	.23514	.004	1
S5	10.000	10.007	.007	.071	.47023	.004	1

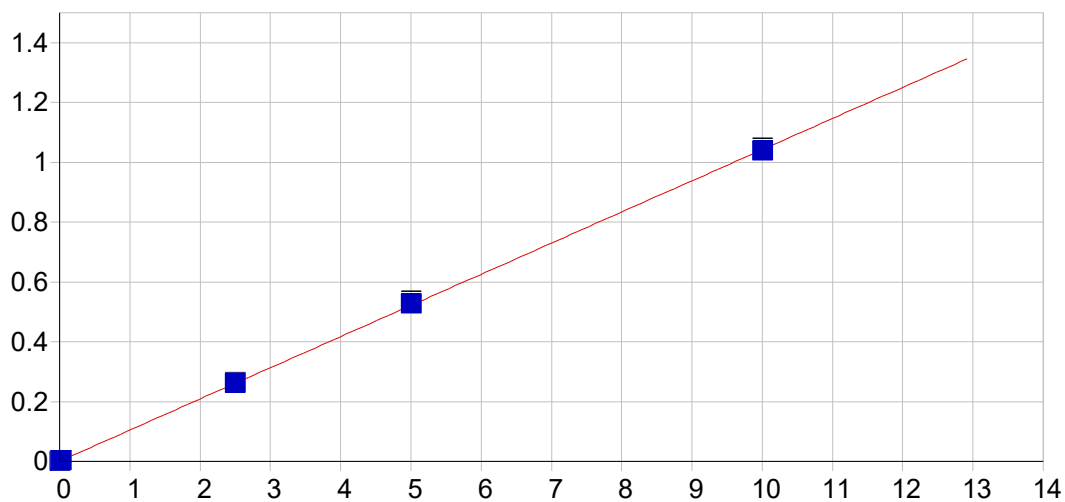


TI 190.856 {477}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000622 Re-Slope: 1.000000



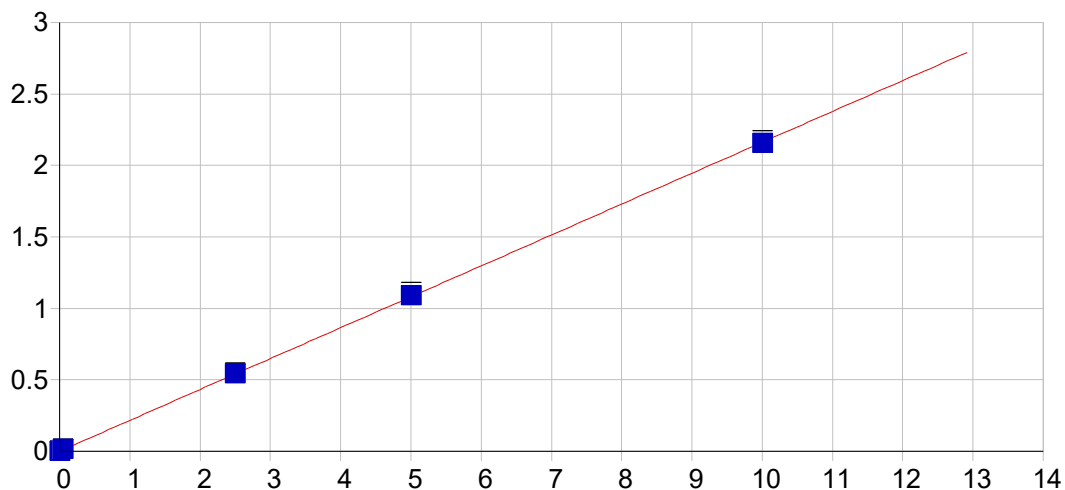


Se 196.090 {472}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000585 Re-Slope: 1.000000
 A1 (Gain): 0.104168 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002043
 Predicted MQL: 0.006811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.02000	.02099	.001	4.97	.00277	.000	1
S3	2.5000	2.4908	-.009	-.368	.26002	.003	1
S4	5.0000	5.0481	.048	.962	.52638	.009	1
S5	10.000	9.9601	-.040	-.399	1.0380	.008	1



Sb 206.833 {463}

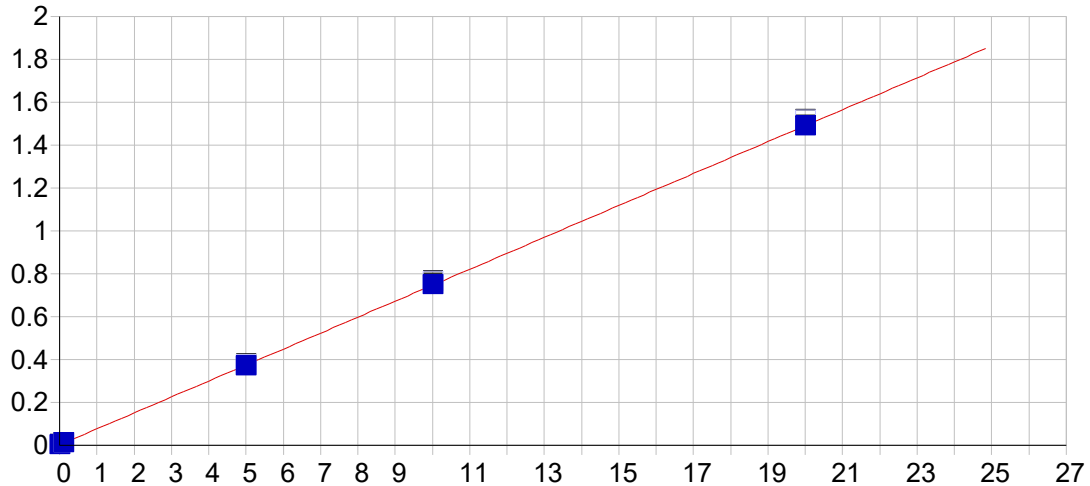
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000517 Re-Slope: 1.000000
 A1 (Gain): 0.216119 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000085
 Predicted MDL: 0.001211
 Predicted MQL: 0.004035

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00052	.000	1
S1	.05000	.05888	.009	17.8	.01321	.000	1
S3	2.5000	2.4994	-.001	-.025	.54062	.005	1
S4	5.0000	5.0265	.026	.529	1.0867	.022	1
S5	10.000	9.9653	-.035	-.347	2.1540	.019	1



AI 396.152 { 85}

Date of Fit: 01/16/2019 17:08:31

Type of Fit: Linear

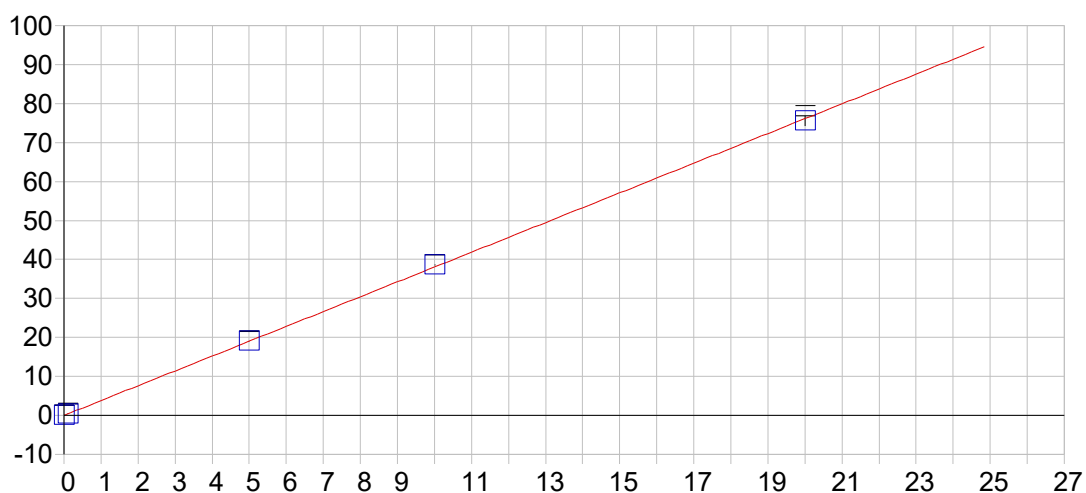
Weighting: 1/Conc

A0 (Offset): 0.002157
 A1 (Gain): 0.074435
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000046
 Predicted MDL: 0.011595
 Predicted MQL: 0.038652

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00216	.001	1
S1	.10000	.11235	.012	12.4	.01107	.001	1
S3	5.0000	4.9490	-.051	-1.02	.37745	.000	1
S4	10.000	10.053	.053	.532	.76430	.002	1
S5	20.000	19.985	-.015	-.076	1.5174	.002	1

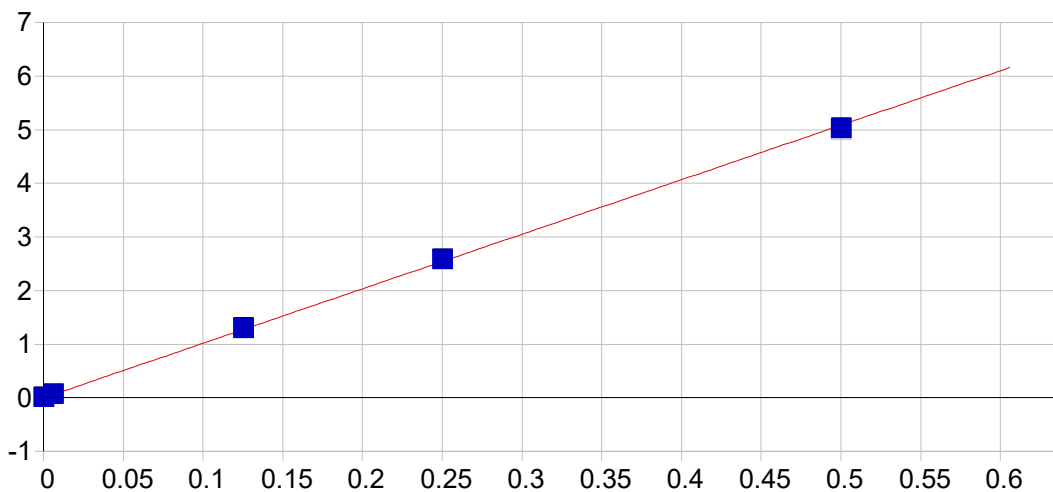


Ba 493.409 { 68}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004382 Re-Slope: 1.000000
 A1 (Gain): 3.806210 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.003369
 Predicted MDL: 0.000784
 Predicted MQL: 0.002615

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00443	.003	1
S1	.10000	.11258	.013	12.6	.42411	.004	1
S3	5.0000	4.9905	-.010	-.191	18.990	.082	1
S4	10.000	10.143	.143	1.43	38.601	.077	1
S5	20.000	19.854	-.146	-.729	75.565	1.27	1



Be 234.861 {144}

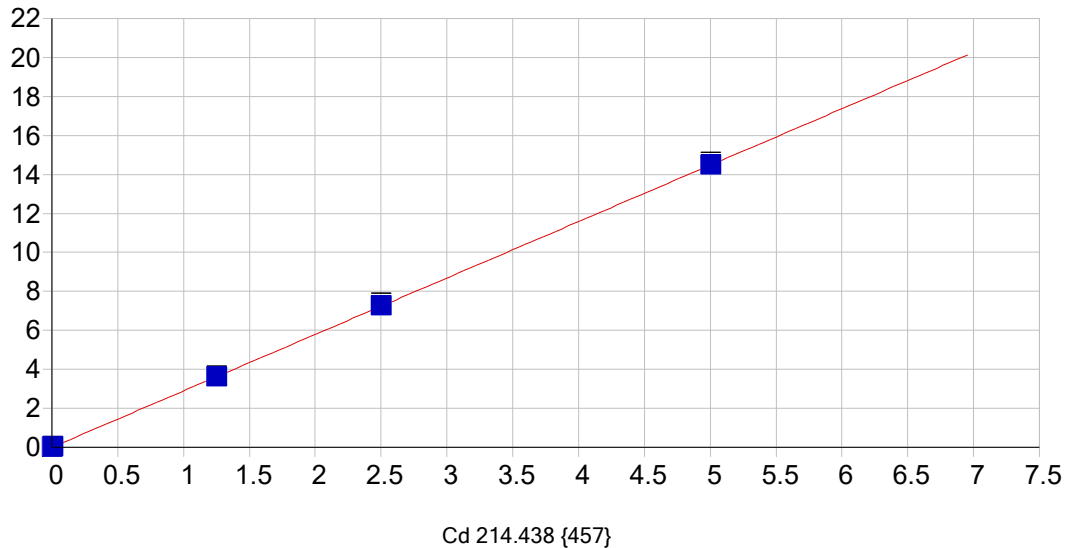
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002637 Re-Slope: 1.000000
 A1 (Gain): 10.173507 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000511
 Predicted MDL: 0.000051
 Predicted MQL: 0.000168

Status: OK.

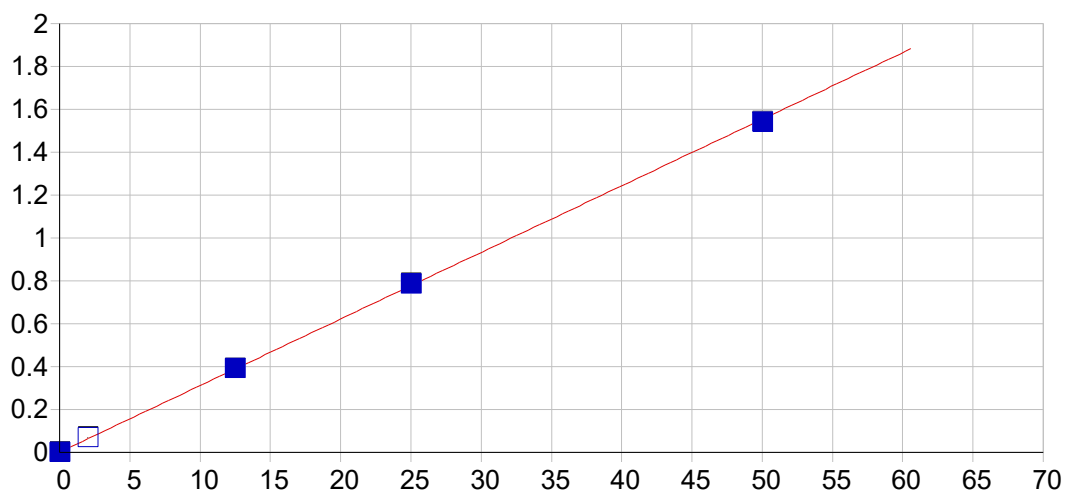
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00265	.000	1
S1	.00600	.00677	.001	12.8	.06556	.000	1
S3	.12500	.12674	.002	1.39	1.2782	.013	1
S4	.25000	.25366	.004	1.46	2.5609	.007	1
S5	.50000	.49383	-.006	-1.23	4.9872	.009	1



Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000350 Re-Slope: 1.000000
 A1 (Gain): 2.894854 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000067
 Predicted MQL: 0.000225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.00600	.00666	.001	11.0	.01963	.000	1
S3	1.2500	1.2459	-.004	-.326	3.6073	.037	1
S4	2.5000	2.5011	.001	.045	7.2411	.137	1
S5	5.0000	5.0023	.002	.046	14.482	.127	1

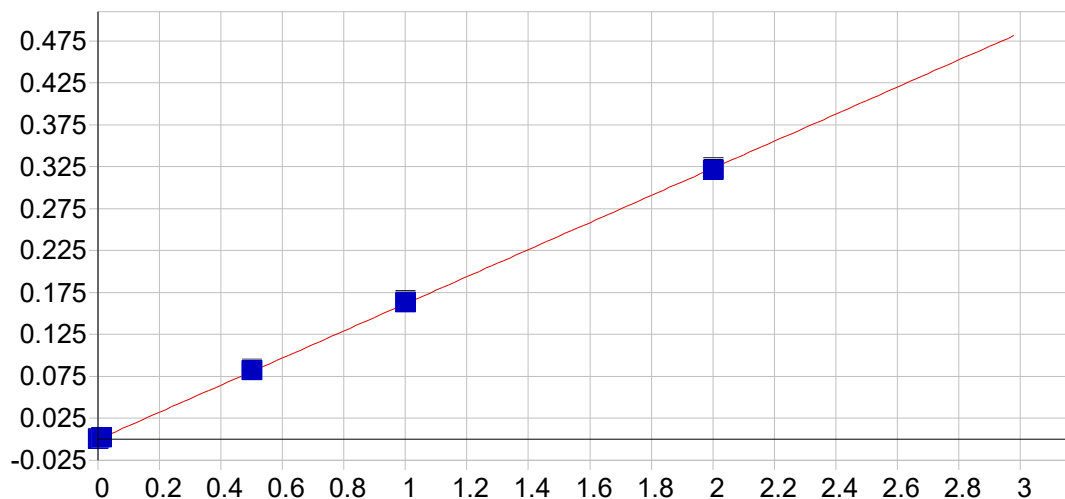


Ca 373.690 { 90}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001187 Re-Slope: 1.000000
 A1 (Gain): 0.031057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000299
 Predicted MDL: 0.019952
 Predicted MQL: 0.066506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	.00118	.001	1
S2	2.0000	2.2050	.205	10.2	.06967	.001	1
S3	12.500	12.521	.021	.165	.38988	.002	1
S4	25.000	25.242	.242	.967	.78480	.004	1
S5	50.000	49.533	-.467	-.935	1.5389	.003	1



Cr 267.716 {126}

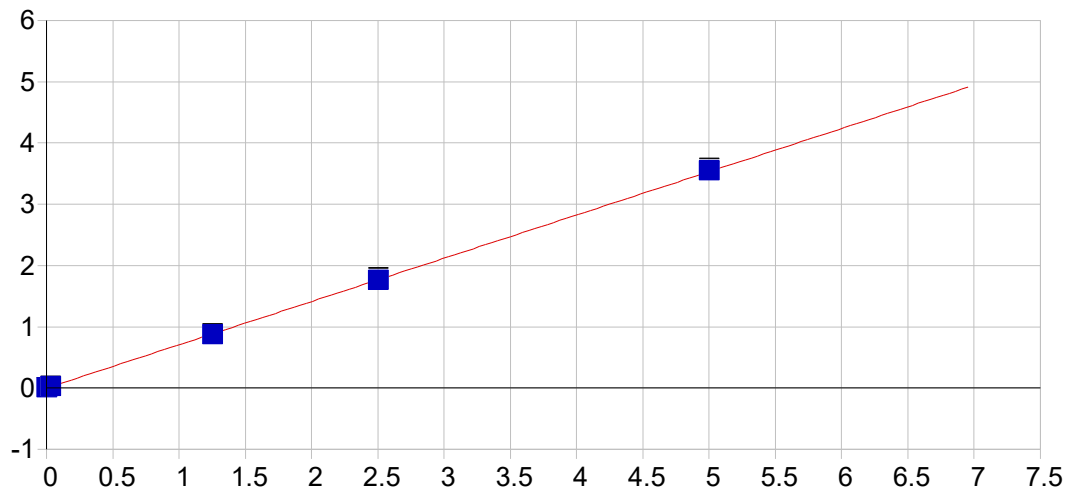
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.161570 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000015
 Predicted MDL: 0.000428
 Predicted MQL: 0.001427

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01140	.001	14.0	.00188	.000	1
S3	.50000	.50863	.009	1.73	.08276	.000	1
S4	1.0000	1.0071	.007	.706	.16386	.001	1
S5	2.0000	1.9829	-.017	-.855	.32267	.001	1



Co 228.616 {448}

Date of Fit: 01/16/2019 17:08:31

Type of Fit: Linear

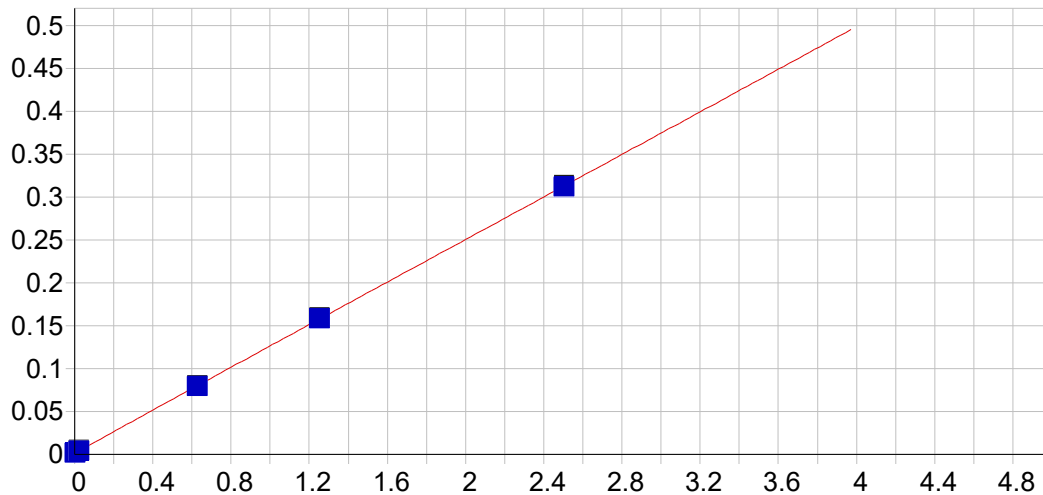
Weighting: 1/Conc

A0 (Offset): 0.000120
 A1 (Gain): 0.706216
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000211
 Predicted MDL: 0.000237
 Predicted MQL: 0.000789

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00012	.000	1
S1	.03000	.03617	.006	20.6	.02560	.000	1
S3	1.2500	1.2303	-.020	-1.58	.87083	.008	1
S4	2.5000	2.4871	-.013	-.518	1.7602	.035	1
S5	5.0000	5.0265	.026	.530	3.5573	.031	1

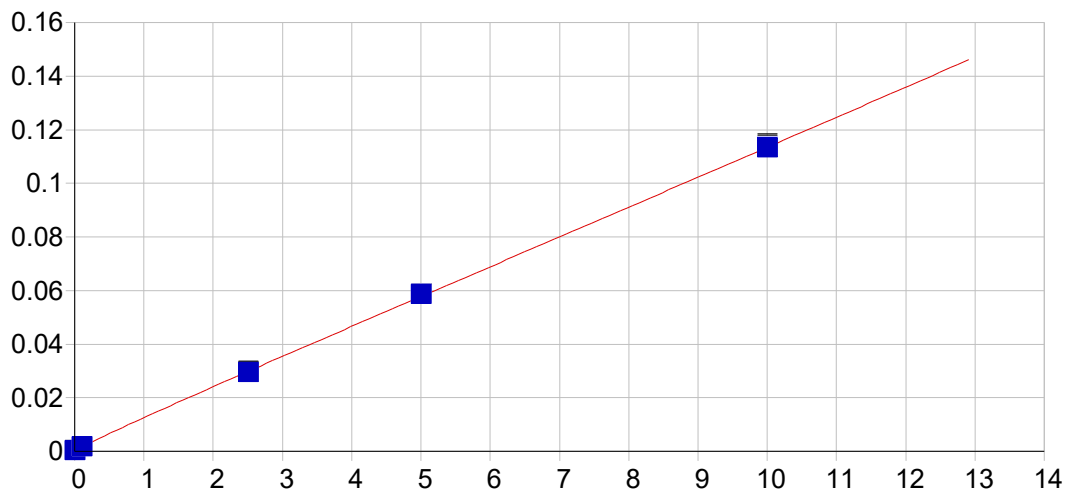


Cu 324.754 {104}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001256 Re-Slope: 1.000000
 A1 (Gain): 0.124928 Y-int: 0.000000
 A2 (Curvature): 0.000308
 n (Exponent): 0.990000
 Correlation: 0.999990 Status: Warning Positive Curvature
 Std Error of Est: 0.000011
 Predicted MDL: 0.003666
 Predicted MQL: 0.012222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00126	.000	1
S1	.02000	.02029	.000	1.43	.00389	.001	1
S3	.62500	.62001	-.005	-.798	.07879	.000	1
S4	1.2500	1.2570	.007	.557	.15759	.001	1
S5	2.5000	2.4978	-.002	-.090	.31070	.001	1



Fe 259.837 {130}

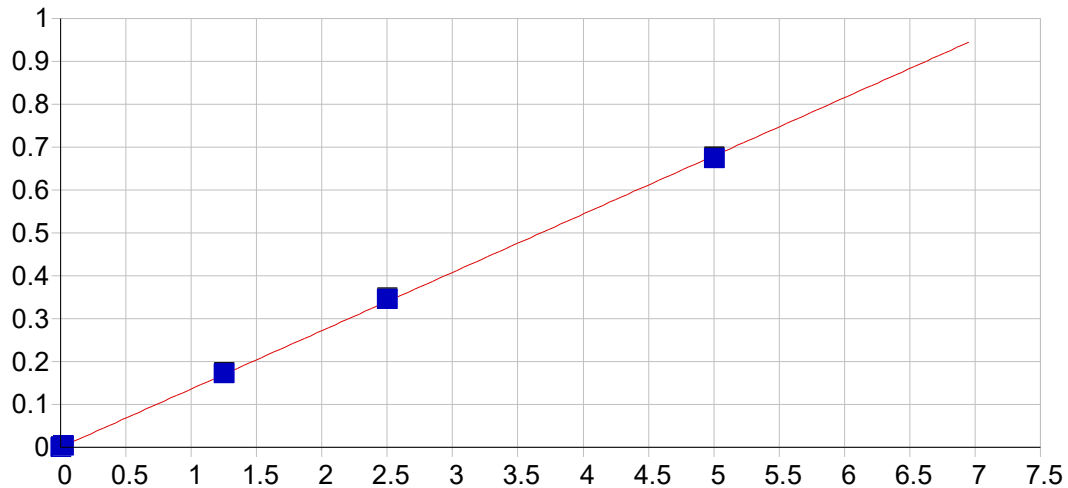
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.012348 Y-int: 0.000000

A2 (Curvature): 0.000076
 n (Exponent): 0.940000
 Correlation: 0.999954
 Std Error of Est: 0.000010
 Predicted MDL: 0.017021
 Predicted MQL: 0.056735

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.10000	.10293	.003	2.93	.00159	.000	1
S3	2.5000	2.4557	-.044	-1.77	.02942	.000	1
S4	5.0000	5.0623	.062	1.25	.05874	.000	1
S5	10.000	9.9795	-.021	-.205	.11378	.001	1

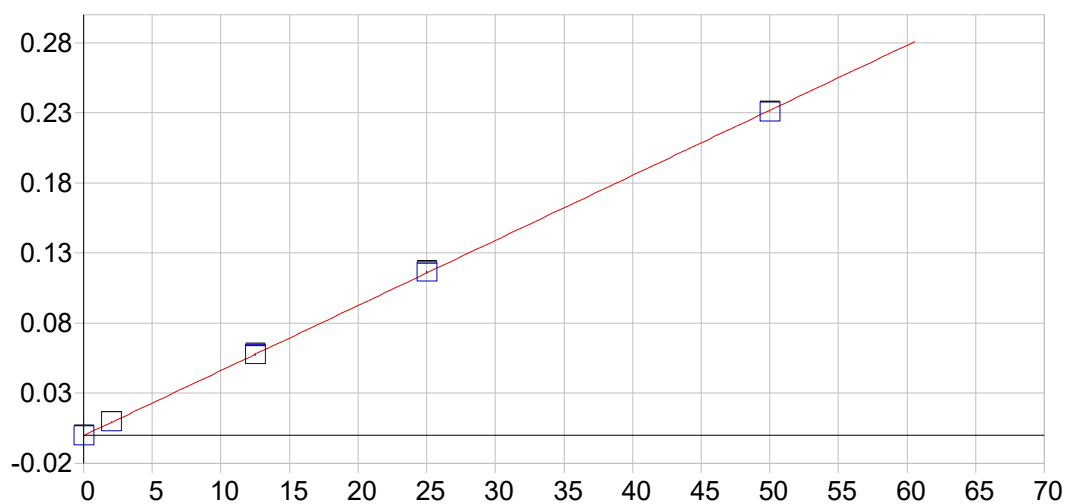


Mn 257.610 {131}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.135896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.001334
 Predicted MQL: 0.004446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02389	.004	19.5	.00341	.000	1
S3	1.2500	1.2649	.015	1.19	.17209	.002	1
S4	2.5000	2.5314	.031	1.26	.34422	.003	1
S5	5.0000	4.9498	-.050	-1.00	.67294	.003	1

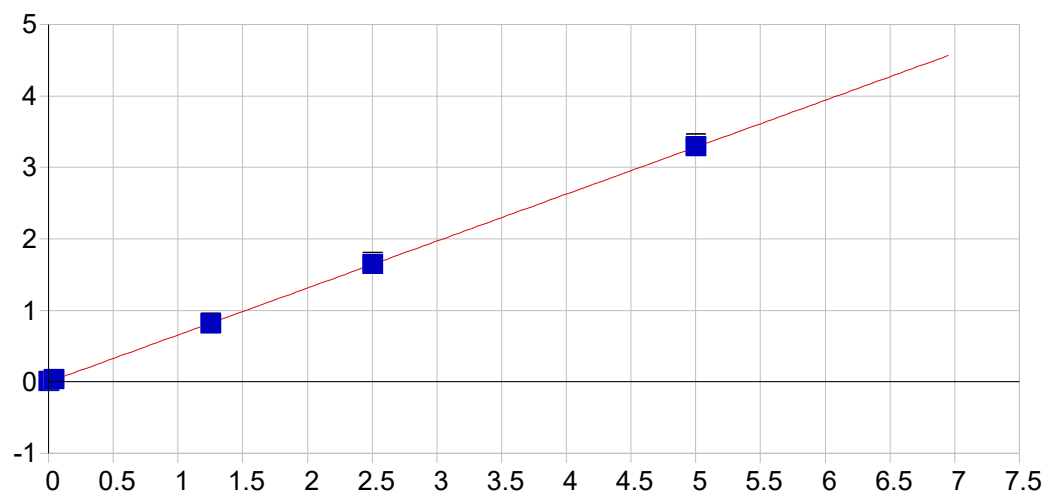


Mg 279.079 {121}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.004641 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.054052
 Predicted MQL: 0.180175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	-.00019	.000	1
S2	2.0000	2.1338	.134	6.69	.00971	.000	1
S3	12.500	12.465	-.035	-.283	.05765	.001	1
S4	25.000	25.143	.143	.573	.11649	.001	1
S5	50.000	49.758	-.242	-.483	.23072	.000	1



Ni 231.604 {446}

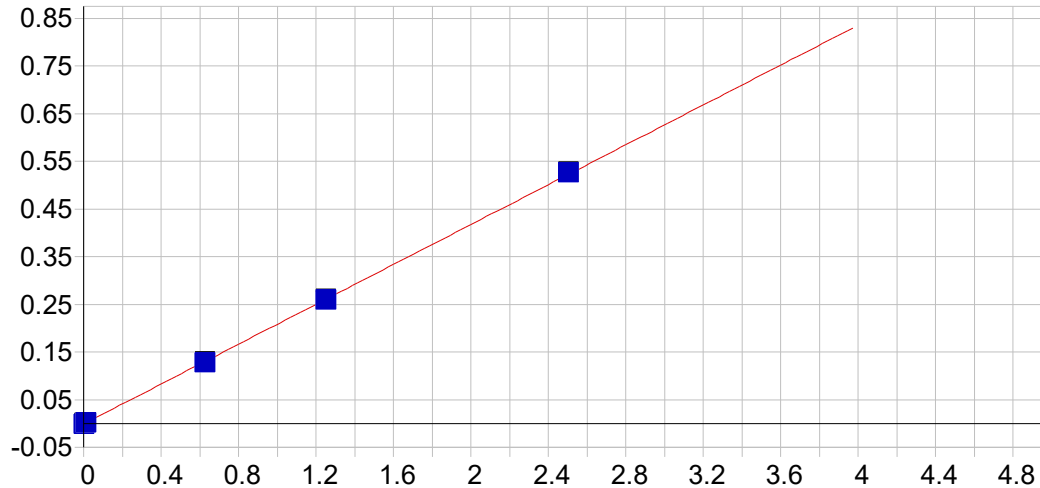
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001367 Re-Slope: 1.000000
 A1 (Gain): 0.656975 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.000211
 Predicted MDL: 0.000326
 Predicted MQL: 0.001086

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00137	.000	1
S1	.04000	.04742	.007	18.5	.02981	.000	1
S3	1.2500	1.2365	-.013	-1.08	.81177	.006	1
S4	2.5000	2.4952	-.005	-.190	1.6395	.032	1
S5	5.0000	5.0108	.011	.217	3.2938	.031	1

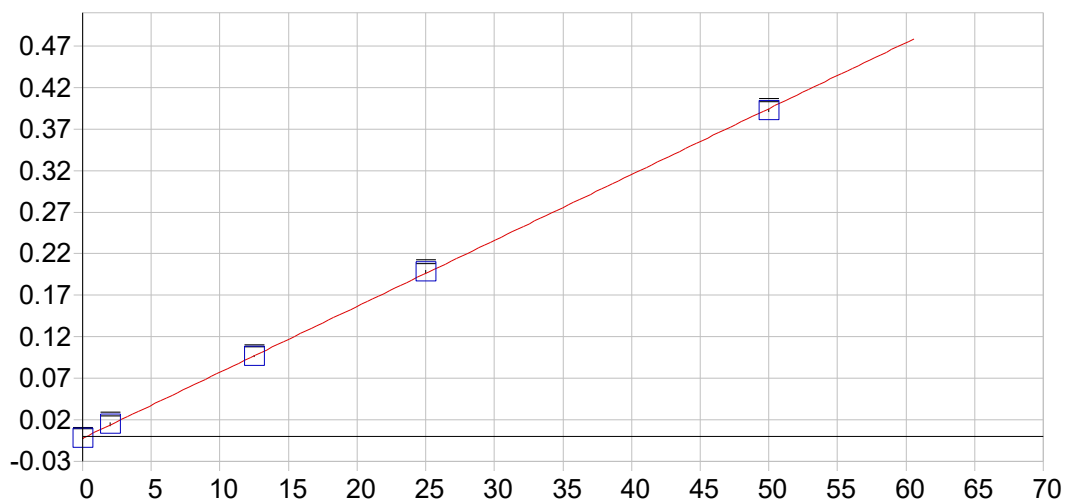


Ag 328.068 {103}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001008 Re-Slope: 1.000000
 A1 (Gain): 0.209138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.000470
 Predicted MQL: 0.001566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00101	.000	1
S1	.01000	.01098	.001	9.83	.00128	.000	1
S3	.62500	.61619	-.009	-1.41	.12775	.001	1
S4	1.2500	1.2402	-.010	-.783	.25814	.002	1
S5	2.5000	2.5176	.018	.705	.52506	.001	1

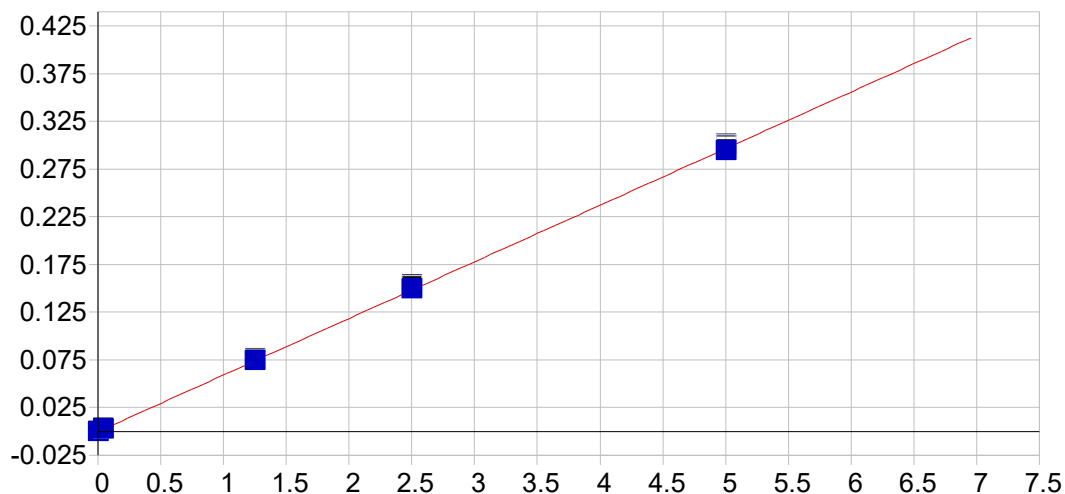


Na 818.326 { 41}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002116 Re-Slope: 1.000000
 A1 (Gain): 0.007935 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.237158
 Predicted MQL: 0.790528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	-.00212	.001	1
S2	2.0000	2.1417	.142	7.08	.01488	.002	1
S3	12.500	12.422	-.078	-.626	.09645	.001	1
S4	25.000	25.234	.234	.936	.19812	.002	1
S5	50.000	49.703	-.297	-.595	.39228	.002	1



V 292.402 {115}

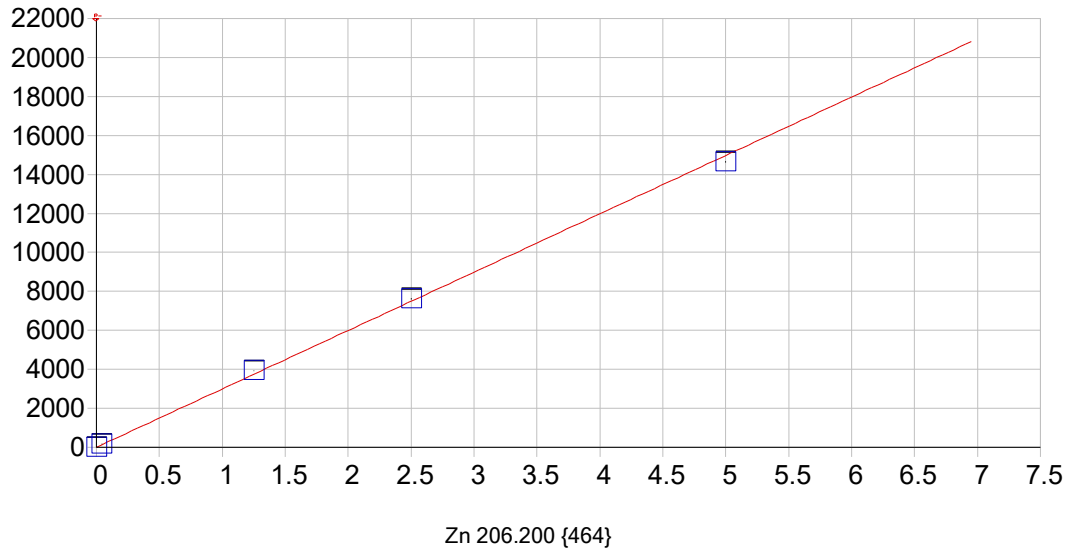
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.059346 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000023
 Predicted MDL: 0.005126
 Predicted MQL: 0.017088

Status: OK.

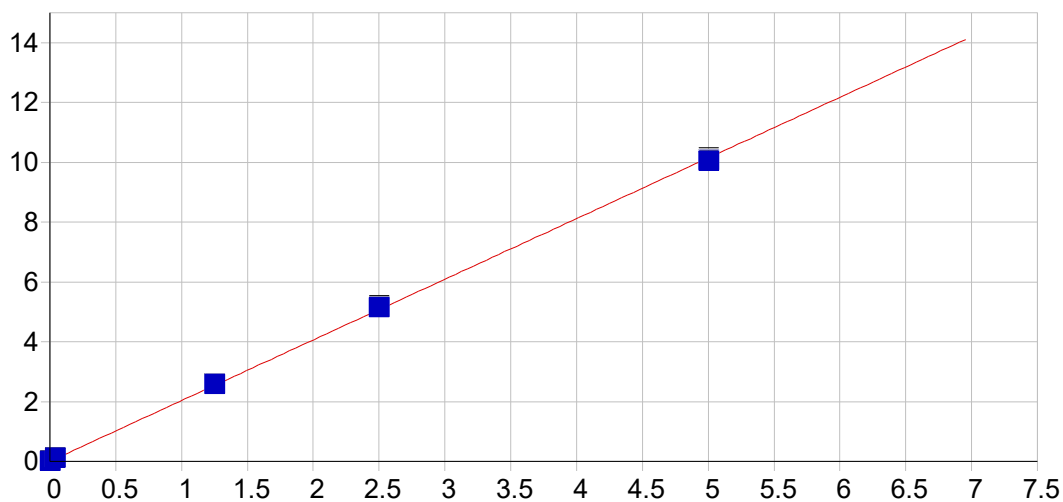
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00018	.000	1
S1	.04000	.04830	.008	20.7	.00280	.000	1
S3	1.2500	1.2518	.002	.147	.07559	.001	1
S4	2.5000	2.5258	.026	1.03	.15267	.001	1
S5	5.0000	4.9639	-.036	-.723	.30032	.001	1



Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.913103 Re-Slope: 1.000000
 A1 (Gain): 2994.048017 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999463 Status: OK.
 Std Error of Est: 2.375596
 Predicted MDL: 0.000207
 Predicted MQL: 0.000690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	3.8746	.526	1
S1	.04000	.05114	.011	27.8	157.02	1.39	1
S3	1.2500	1.3111	.061	4.88	3929.3	11.1	1
S4	2.5000	2.5427	.043	1.71	7616.8	35.1	1
S5	5.0000	4.8852	-.115	-2.30	14630.	31.2	1

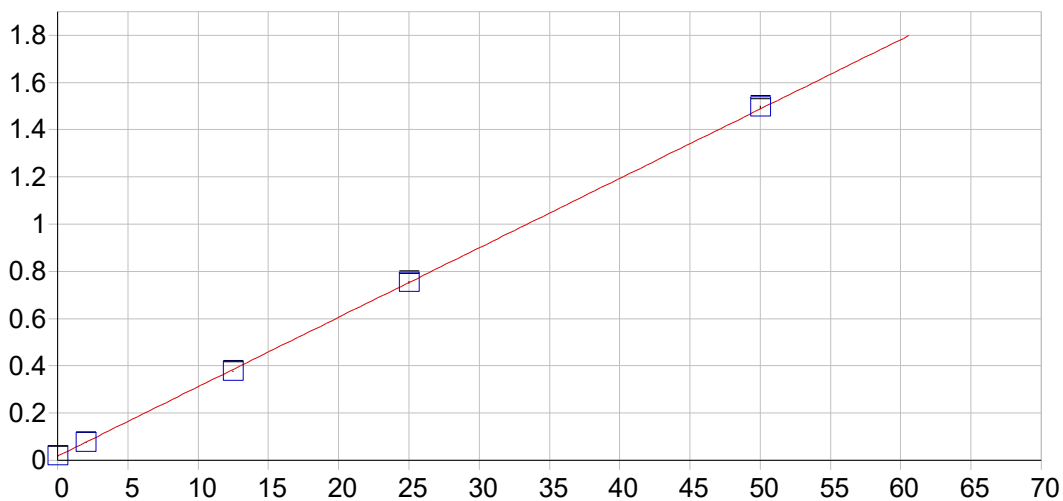


Zn 213.856 {158}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004665 Re-Slope: 1.000000
 A1 (Gain): 2.028104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000951
 Predicted MDL: 0.000317
 Predicted MQL: 0.001056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00465	.000	1
S1	.04000	.04911	.009	22.8	.10472	.001	1
S3	1.2500	1.2658	.016	1.27	2.5860	.013	1
S4	2.5000	2.5313	.031	1.25	5.1666	.023	1
S5	5.0000	4.9437	-.056	-1.13	10.087	.046	1



K 769.896 {44}

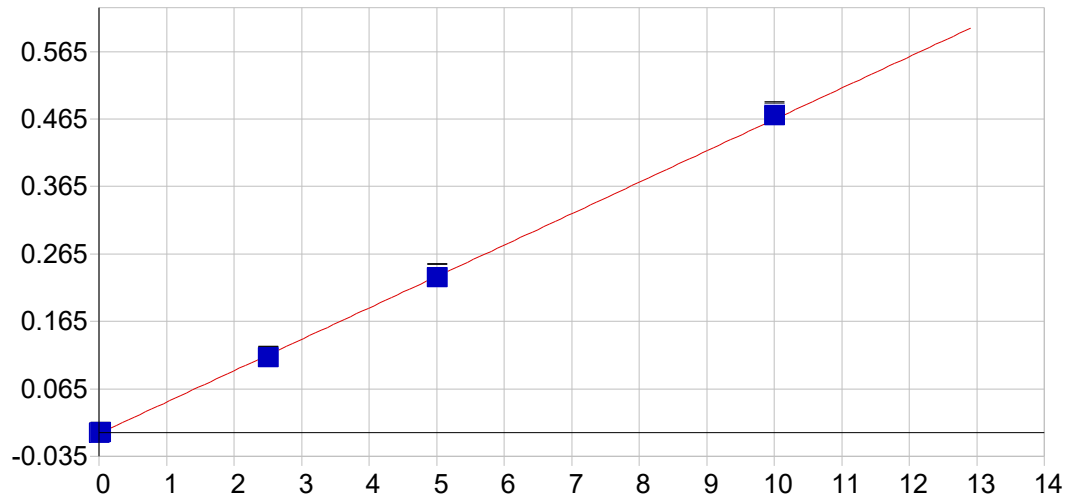
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017781 Re-Slope: 1.000000
 A1 (Gain): 0.029399 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000151
 Predicted MDL: 0.058535
 Predicted MQL: 0.195115

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.01778	.000	1
S2	2.0000	1.9749	-.025	-1.25	.07584	.001	1
S3	12.500	12.220	-.280	-2.24	.37704	.003	1
S4	25.000	25.053	.053	.213	.75431	.005	1
S5	50.000	50.252	.252	.504	1.4951	.006	1



P 177.495 {490}

Date of Fit: 01/16/2019 17:08:31

Type of Fit: Linear

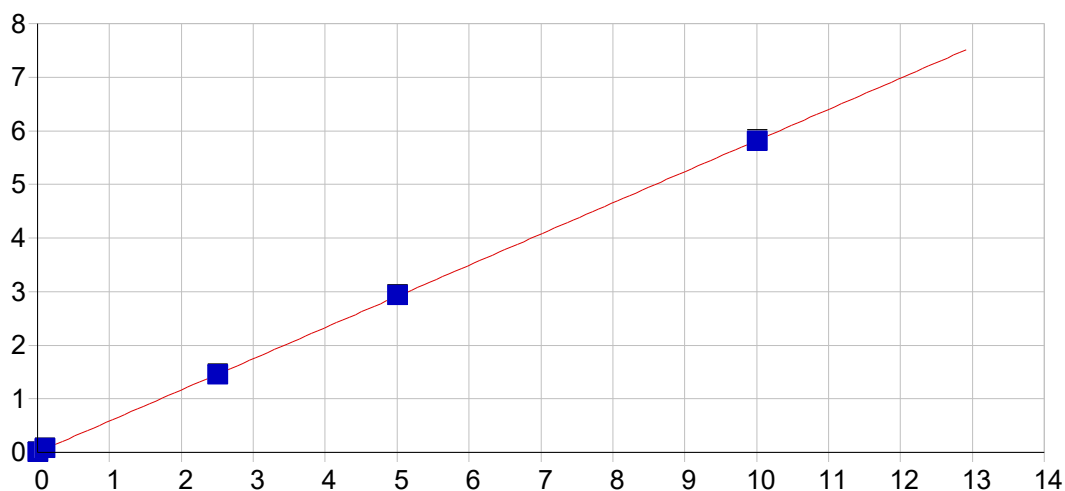
Weighting: 1/Conc

A0 (Offset): -0.001315
 A1 (Gain): 0.046549
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848
 Std Error of Est: 0.000020
 Predicted MDL: 0.002140
 Predicted MQL: 0.007134

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00132	.000	1
S1	.02000	.02163	.002	8.15	-.00030	.000	1
S3	2.5000	2.4095	-.090	-3.62	.11111	.001	1
S4	5.0000	4.9607	-.039	-7.87	.23014	.005	1
S5	10.000	10.128	.128	1.28	.47122	.004	1

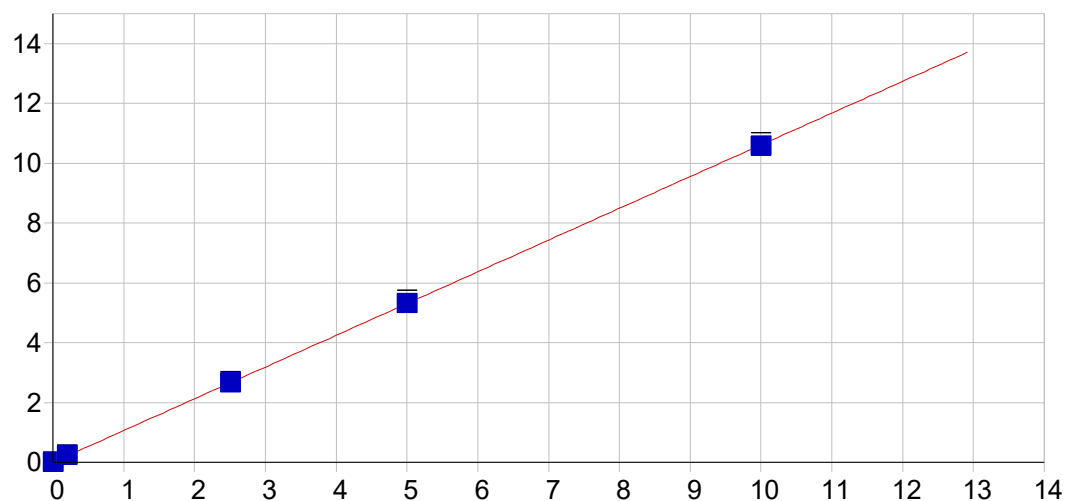


B 249.678 {135}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002365 Re-Slope: 1.000000
 A1 (Gain): 0.581530 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000299
 Predicted MDL: 0.000873
 Predicted MQL: 0.002909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00236	.000	1
S1	.10000	.11116	.011	11.2	.06687	.000	1
S3	2.5000	2.4856	-.014	-.574	1.4467	.013	1
S4	5.0000	5.0303	.030	.606	2.9253	.010	1
S5	10.000	9.9729	-.027	-.271	5.7972	.026	1



Mo 202.030 {467}

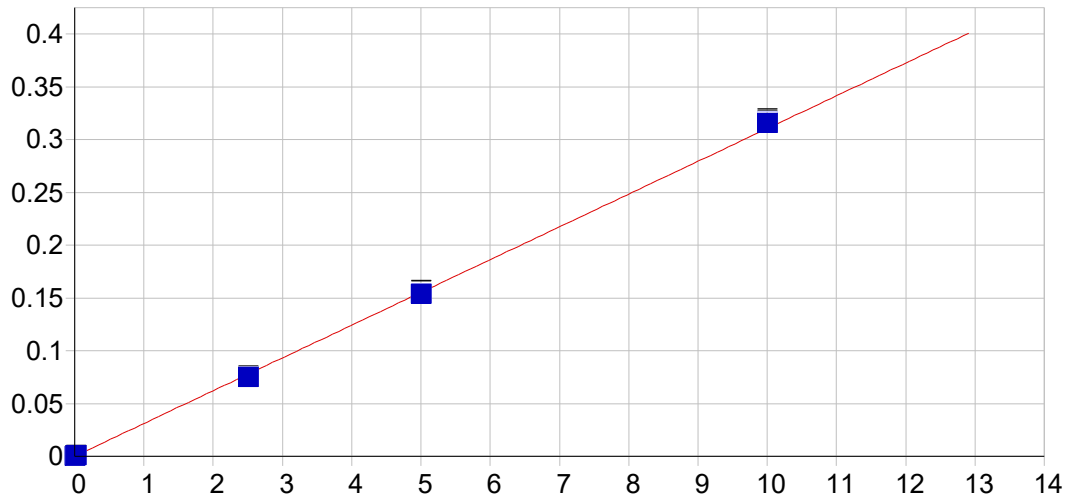
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000753 Re-Slope: 1.000000
 A1 (Gain): 1.061350 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000985
 Predicted MDL: 0.000223
 Predicted MQL: 0.000744

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00073	.000	1
S1	.20000	.22214	.022	11.1	.23654	.002	1
S3	2.5000	2.5050	.005	.200	2.6600	.027	1
S4	5.0000	5.0065	.006	.129	5.3155	.101	1
S5	10.000	9.9664	-.034	-.336	10.581	.090	1



S 182.034 {485}

Date of Fit: 01/16/2019 17:08:31

Type of Fit: Linear

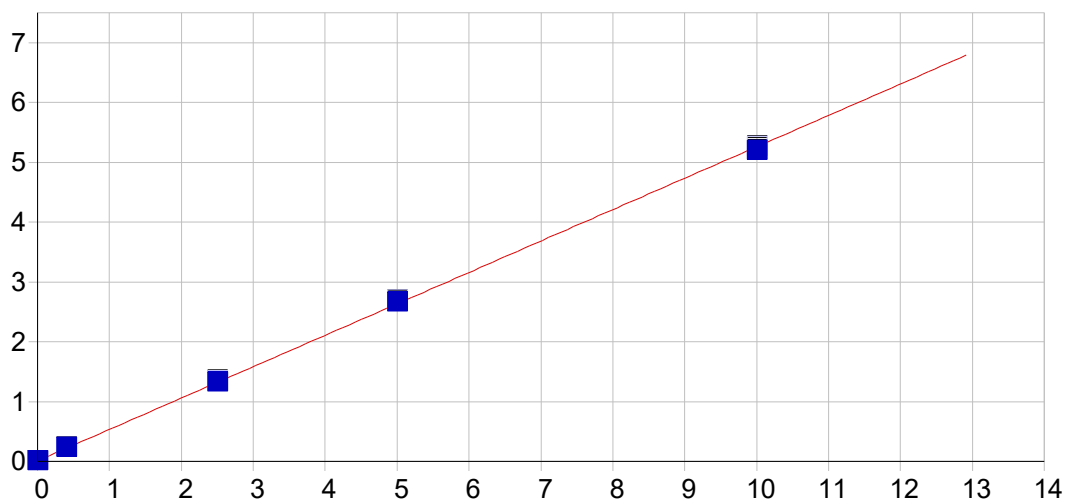
Weighting: 1/Conc

A0 (Offset): 0.000076
 A1 (Gain): 0.031042
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790
 Std Error of Est: 0.000015
 Predicted MDL: 0.003444
 Predicted MQL: 0.011481

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.02000	.01993	-.000	-.371	.00068	.000	1
S3	2.5000	2.3980	-.102	-4.08	.07488	.001	1
S4	5.0000	4.9411	-.059	-1.18	.15419	.003	1
S5	10.000	10.161	.161	1.61	.31696	.003	1

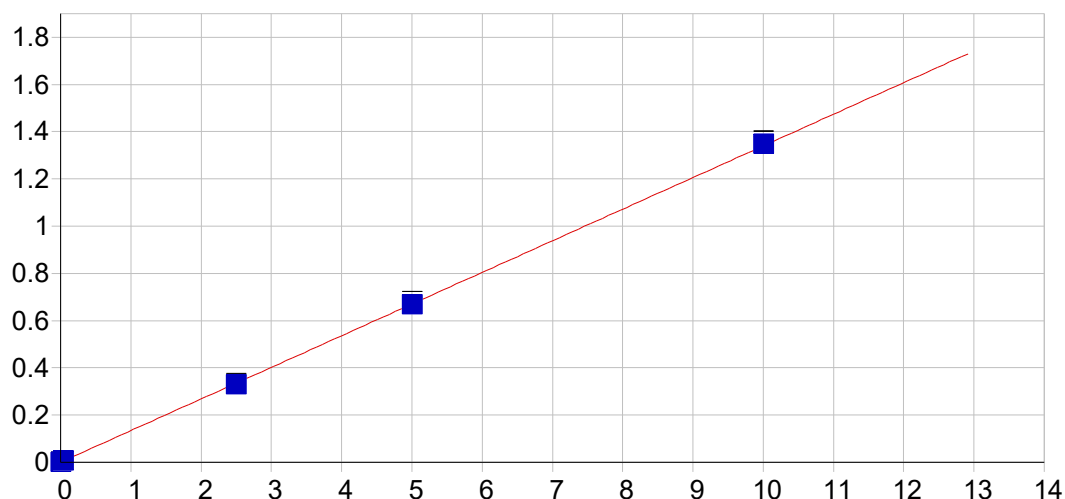


Si 251.611 {134}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008166 Re-Slope: 1.000000
 A1 (Gain): 0.525079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.001007
 Predicted MDL: 0.000990
 Predicted MQL: 0.003301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00814	.000	1
S1	.40000	.43714	.037	9.28	.23870	.001	1
S3	2.5000	2.5210	.021	.839	1.3473	.015	1
S4	5.0000	5.0553	.055	1.11	2.6935	.006	1
S5	10.000	9.8868	-.113	-1.13	5.2614	.015	1



Sn 189.989 {478}

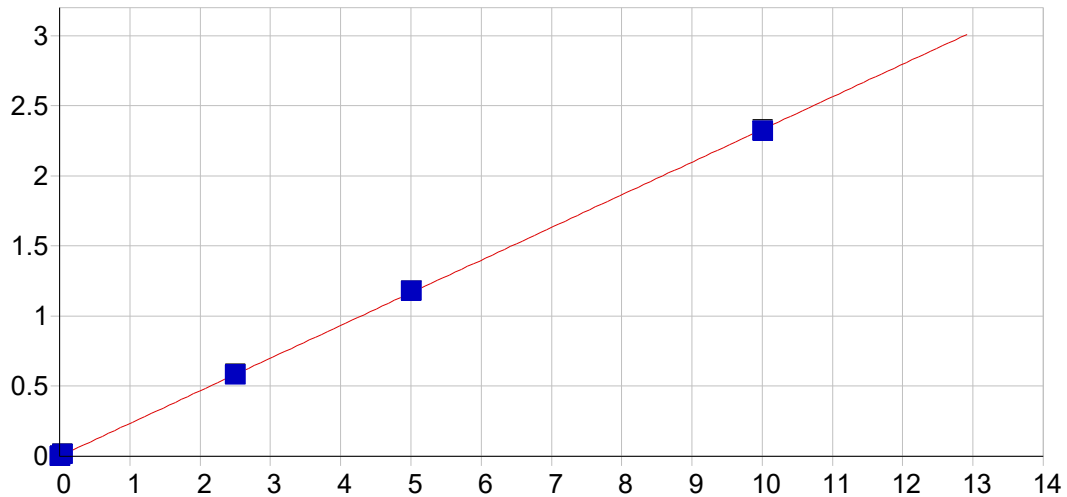
Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000333 Re-Slope: 1.000000
 A1 (Gain): 0.133962 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000056
 Predicted MDL: 0.000795
 Predicted MQL: 0.002649

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00033	.000	1
S1	.04000	.04705	.007	17.6	.00664	.000	1
S3	2.5000	2.4510	-.049	-1.96	.32841	.003	1
S4	5.0000	4.9821	-.018	-.358	.66722	.013	1
S5	10.000	10.060	.060	.598	1.3469	.012	1



Ti 336.121 {100}

Date of Fit: 01/16/2019 17:08:31

Type of Fit: Linear

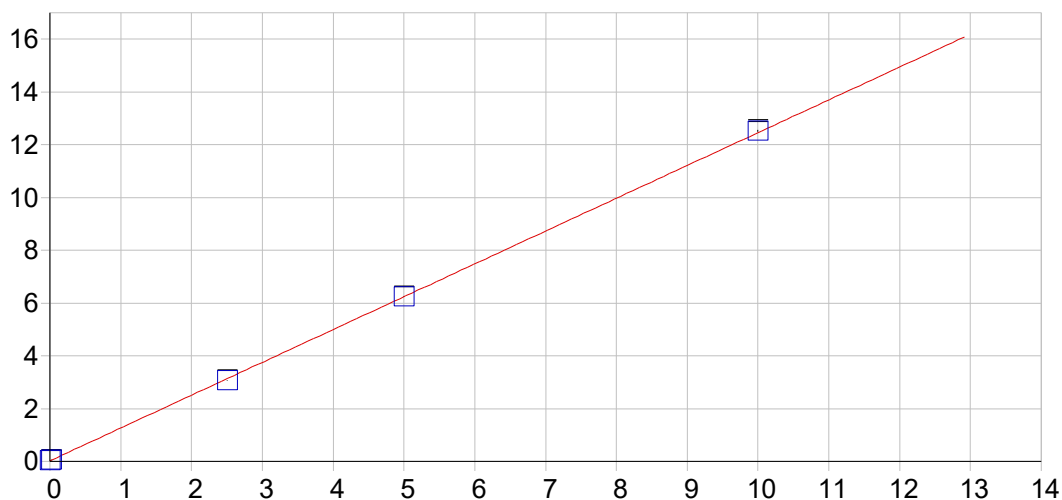
Weighting: 1/Conc

A0 (Offset): 0.001358
 A1 (Gain): 0.232968
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000075
 Predicted MDL: 0.001877
 Predicted MQL: 0.006257

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00136	.000	1
S1	.04000	.04609	.006	15.2	.01209	.000	1
S3	2.5000	2.4914	-.009	-.344	.58158	.002	1
S4	5.0000	5.0454	.045	.908	1.1764	.003	1
S5	10.000	9.9571	-.043	-.429	2.3202	.005	1

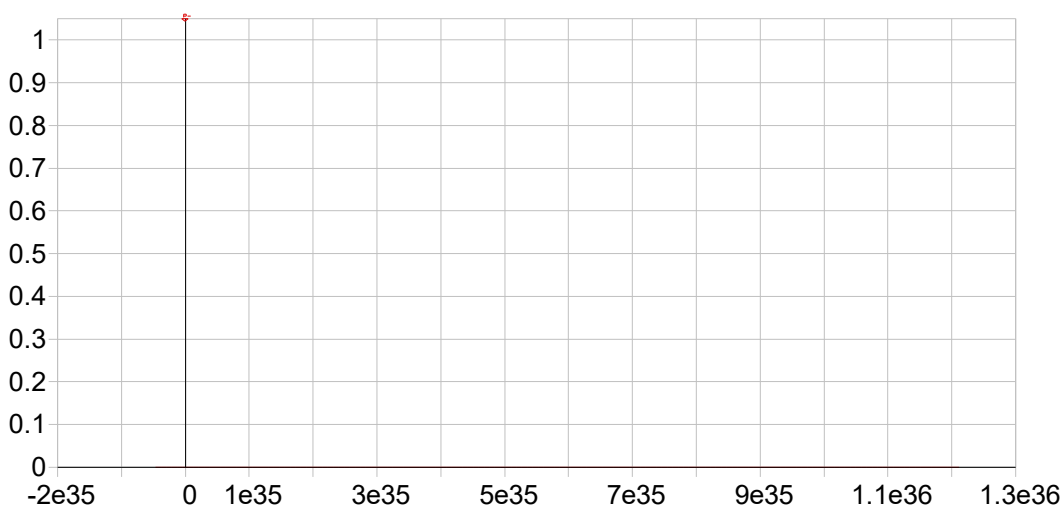


Li 670.784 { 50}

Date of Fit: 01/16/2019 17:08:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020491 Re-Slope: 1.000000
 A1 (Gain): 1.243616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.001568
 Predicted MQL: 0.005227

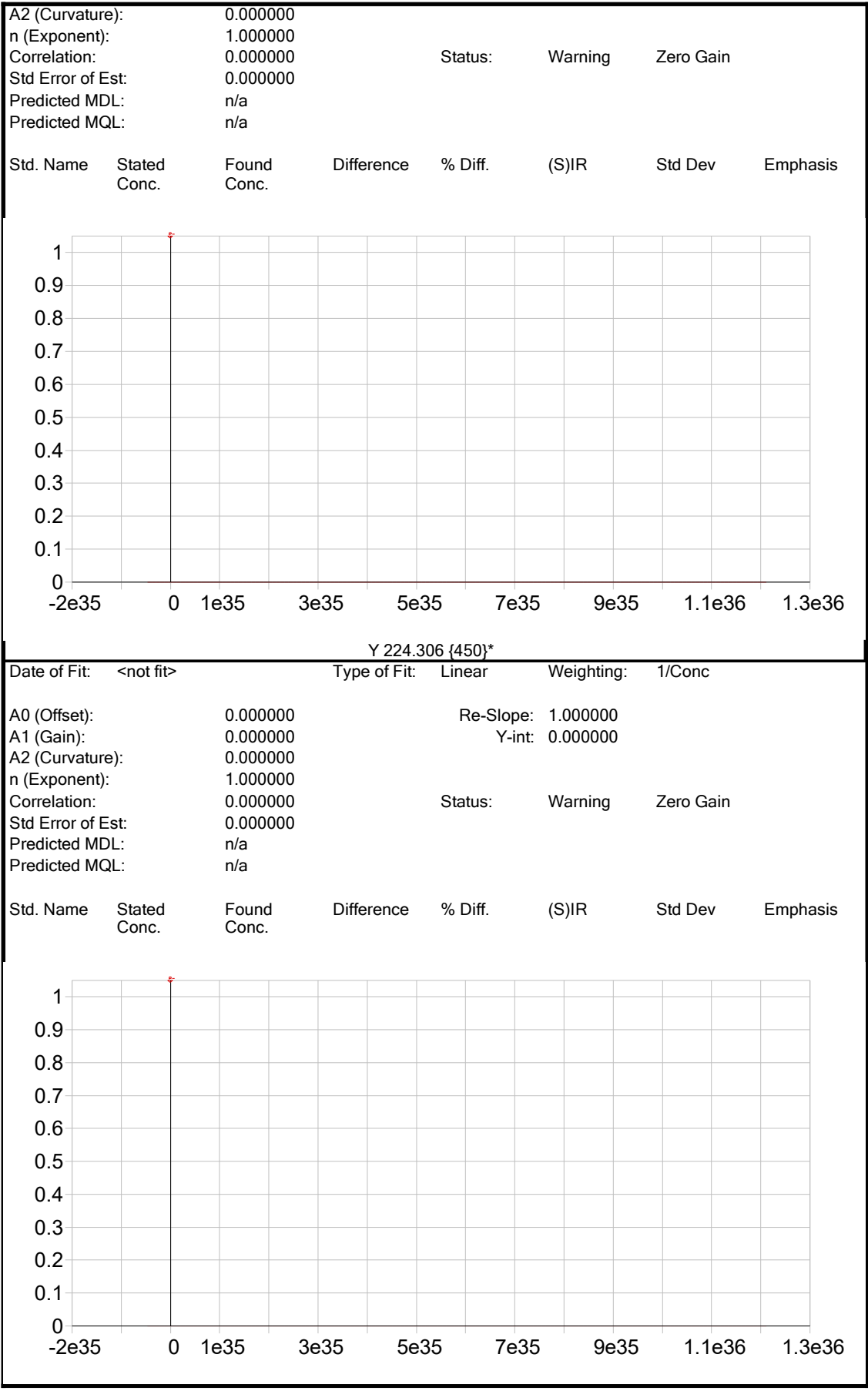
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02049	.001	1
S5	10.000	10.050	.050	.502	12.519	.032	1
S4	5.0000	4.9981	-.002	-.039	6.2362	.010	1
S3	2.5000	2.4499	-.050	-2.00	3.0672	.012	1
S1	.02000	.02182	.002	9.09	.04762	.001	1

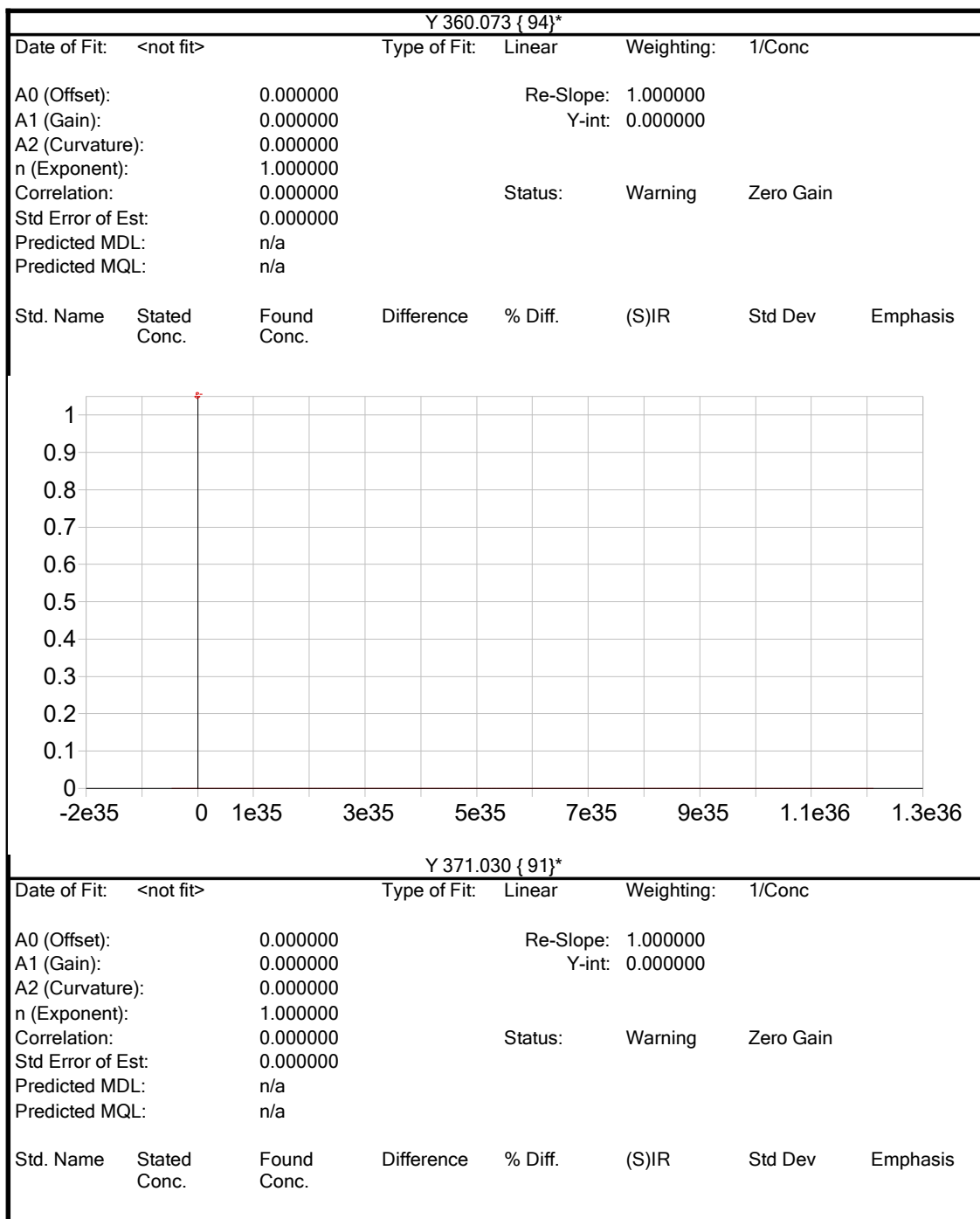


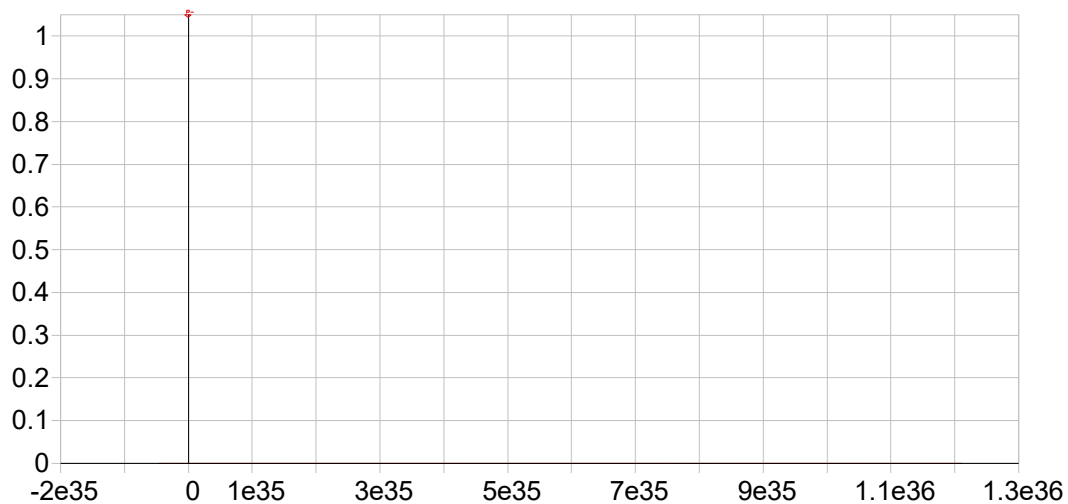
Y 224.306 {150}*

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







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

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

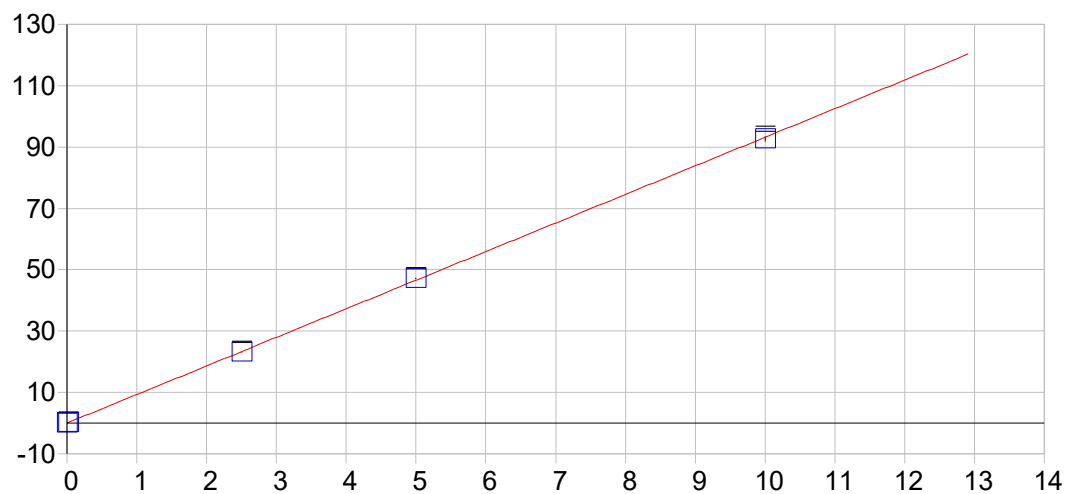
Status: Warning Zero Gain

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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Sr 407.771 { 83}

Date of Fit: 01/16/2019 17:08:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000196

Re-Slope: 1.000000

A1 (Gain): 9.319207

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

Status: OK.

Std Error of Est: 0.001980

Predicted MDL: 0.000086

Predicted MQL:		0.000287					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.001	1
S1	.02000	.02175	.002	8.73	.20285	.001	1
S3	2.5000	2.4925	-.007	-.299	23.229	.183	1
S4	5.0000	5.0646	.065	1.29	47.198	.181	1
S5	10.000	9.9411	-.059	-.589	92.644	.889	1

Sample Name: S0 Acquired: 01/16/2019 12:52:30 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00036	-.00062	-.00030	.00058	.00052	.00216	-.00443	-.00265
Stddev	.00003	.00006	.00020	.00007	.00014	.00064	.00251	.00022
%RSD	9.2125	10.102	65.949	11.860	27.013	29.789	56.724	8.4021

#1	-.00035	-.00062	-.00046	.00050	.00068	.00151	-.00242	-.00268
#2	-.00040	-.00069	-.00008	.00063	.00044	.00279	-.00725	-.00285
#3	-.00034	-.00056	-.00037	.00062	.00043	.00216	-.00363	-.00241

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	.00035	.00118	.00001	.00012	.00126	.00013	.00016	-.00019
Stddev	.00017	.00062	.00002	.00014	.00034	.00011	.00005	.00028
%RSD	48.396	52.140	153.19	118.25	27.034	87.108	31.613	142.77

#1	.00033	.00052	-.00001	-.00003	.00164	.00023	.00010	-.00039
#2	.00053	.00174	.00004	.00013	.00115	.00015	.00018	-.00032
#3	.00019	.00128	.00001	.00025	.00098	.00001	.00020	.00012

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	-.00137	-.00101	-.00212	-.00018	.00465	.01778	-.00132	.00236
Stddev	.00020	.00006	.00087	.00025	.00040	.00041	.00006	.00028
%RSD	14.515	6.3910	40.907	136.92	8.5510	2.3117	4.7543	11.898

#1	-.00157	-.00104	-.00311	-.00015	.00510	.01784	-.00127	.00223
#2	-.00117	-.00093	-.00175	.00005	.00442	.01735	-.00139	.00268
#3	-.00137	-.00105	-.00149	-.00044	.00442	.01816	-.00129	.00216

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	.00073	.00008	.00814	.00033	.00136	.02049	.00018	
Stddev	.00023	.00006	.00016	.00005	.00033	.00130	.00071	
%RSD	31.278	78.807	1.9214	15.971	24.220	6.3457	393.80	

#1	.00098	.00013	.00828	.00032	.00124	.01919	.00064	
#2	.00054	.00008	.00817	.00028	.00110	.02049	.00054	
#3	.00067	.00001	.00798	.00039	.00173	.02179	-.00063	

Sample Name: S0 Acquired: 01/16/2019 12:52:30 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2538.0	2773.3	55244.	5696.1	4353.1
Stddev	27.8	6.3	250.	33.8	10.4
%RSD	1.0937	.22753	.45185	.59252	.23864
#1	2550.8	2766.6	55130.	5679.1	4341.1
#2	2506.1	2774.3	55072.	5734.9	4359.7
#3	2557.0	2779.1	55530.	5674.2	4358.3

Sample Name: S1 Acquired: 01/16/2019 12:56:22 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.00057	.00336	.00172	.00277	.01321	.01107	.42411	.06556
Stddev	.00010	.00014	.00012	.00024	.00017	.00098	.00398	.00033
%RSD	16.883	4.1126	7.0855	8.8354	1.3064	8.8345	.93801	.50779
#1	.00052	.00328	.00176	.00257	.01321	.01031	.42054	.06517
#2	.00068	.00329	.00181	.00270	.01303	.01217	.42340	.06570
#3	.00051	.00352	.00158	.00304	.01338	.01074	.42840	.06579
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	.01963	.00188	.02560	.00389	.00159	.00341	.02981	.00128
Stddev	.00033	.00005	.00007	.00058	.00016	.00021	.00008	.00006
%RSD	1.6971	2.6007	.29092	15.043	9.7463	6.2458	.26046	4.3378
#1	.01954	.00184	.02553	.00456	.00166	.00317	.02973	.00134
#2	.01936	.00193	.02558	.00358	.00170	.00349	.02988	.00128
#3	.02000	.00187	.02568	.00352	.00142	.00357	.02981	.00123
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	.00280	.10472	-.00030	.06687	.23654	.00068	.23870	.00664
Stddev	.00023	.00112	.00009	.00045	.00172	.00011	.00149	.00008
%RSD	8.1278	1.0668	29.339	.67990	.72569	16.151	.62246	1.1728
#1	.00264	.10390	-.00020	.06660	.23542	.00055	.23711	.00665
#2	.00271	.10600	-.00037	.06739	.23569	.00076	.24006	.00656
#3	.00307	.10427	-.00032	.06661	.23852	.00072	.23894	.00671
Elem	Ti3361	Li6707	Sr4077					
Units	Cts/S	Cts/S	Cts/S					
Avg	.01209	.04762	.20285					
Stddev	.00047	.00096	.00070					
%RSD	3.9174	2.0171	.34286					
#1	.01217	.04695	.20249					
#2	.01158	.04872	.20241					
#3	.01252	.04720	.20365					

Sample Name: S1 Acquired: 01/16/2019 12:56:22 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2524.7	2747.9	55107.	5703.7	4335.5
Stddev	11.6	13.8	587.	45.5	23.4
%RSD	.45998	.50305	1.0650	.79795	.53870
#1	2538.0	2753.3	55386.	5739.6	4347.2
#2	2516.5	2758.3	55503.	5719.0	4350.8
#3	2519.7	2732.2	54433.	5652.5	4308.7

Sample Name: S2 Acquired: 01/16/2019 13:00:12 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na8183	K_7698
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06967	.00971	.01488	.07584
Stddev	.00118	.00014	.00219	.00121
%RSD	1.6874	1.4079	14.718	1.5956

#1	.07067	.00962	.01546	.07445
#2	.06995	.00964	.01672	.07650
#3	.06838	.00987	.01246	.07658

Int. Std.	Y_3710
Units	Cts/S
Avg	5867.2
Stddev	50.8
%RSD	.86540

#1	5809.0
#2	5902.3
#3	5890.3

Sample Name: S3 Acquired: 01/16/2019 13:03:56 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.11651	.20916	.40184	.26002	.54062	.37745	18.990	1.2782
Stddev	.00096	.00181	.00342	.00299	.00482	.00029	.082	.0126
%RSD	.82230	.86569	.84998	1.1510	.89074	.07624	.43194	.98196

#1	.11557	.20735	.39895	.25722	.53574	.37745	18.922	1.2639
#2	.11649	.20917	.40096	.25967	.54076	.37774	18.968	1.2836
#3	.11748	.21097	.40561	.26317	.54537	.37716	19.081	1.2872

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	3.6073	.38988	.08276	.87083	.07879	.02942	.17209	.05765
Stddev	.0368	.00206	.00039	.00845	.00035	.00038	.00169	.00089
%RSD	1.0193	.52872	.46652	.97007	.44144	1.2864	.98159	1.5399

#1	3.5762	.39054	.08234	.86263	.07848	.02951	.17336	.05837
#2	3.5979	.39153	.08310	.87036	.07873	.02975	.17274	.05792
#3	3.6479	.38757	.08284	.87950	.07917	.02901	.17017	.05666

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	.81177	.12775	.09645	.07559	2.5860	.37704	.11111	1.4467
Stddev	.00632	.00078	.00111	.00051	.0135	.00336	.00149	.0126
%RSD	.77870	.60741	1.1500	.67504	.52063	.89062	1.3450	.87140

#1	.80676	.12685	.09554	.07589	2.5714	.37336	.10966	1.4331
#2	.80969	.12811	.09769	.07588	2.5980	.37783	.11104	1.4489
#3	.81887	.12827	.09613	.07500	2.5885	.37993	.11264	1.4580

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	2.6600	.07488	1.3473	.32841	.58158	3.0672	23.229
Stddev	.0271	.00100	.0154	.00343	.00219	.0124	.183
%RSD	1.0191	1.3384	1.1461	1.0452	.37598	.40554	.78724

#1	2.6340	.07380	1.3307	.32532	.58318	3.0584	23.028
#2	2.6580	.07506	1.3502	.32782	.58245	3.0618	23.271
#3	2.6881	.07578	1.3611	.33210	.57909	3.0815	23.386

Sample Name: S3 Acquired: 01/16/2019 13:03:56 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2588.3	2751.7	56128.	5787.2	4314.8
Stddev	17.2	19.5	261.	33.4	29.9
%RSD	.66629	.70781	.46517	.57764	.69305
#1	2596.8	2769.4	56262.	5819.3	4338.7
#2	2568.5	2754.8	55827.	5752.6	4324.5
#3	2599.7	2730.8	56295.	5789.8	4281.3

Sample Name: S4 Acquired: 01/16/2019 13:07:32 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.23514	.42596	.81689	.52638	1.0867	.76430	38.601	2.5609
Stddev	.00439	.00925	.01519	.00942	.0216	.00179	.077	.0066
%RSD	1.8656	2.1721	1.8589	1.7899	1.9844	.23357	.19894	.25654

#1	.23129	.41740	.80163	.51693	1.0653	.76272	38.556	2.5659
#2	.23421	.42471	.81703	.52643	1.0864	.76393	38.558	2.5634
#3	.23992	.43578	.83200	.53577	1.1084	.76624	38.690	2.5534

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	7.2411	.78480	.16386	1.7602	.15759	.05874	.34422	.11649
Stddev	.1373	.00351	.00090	.0346	.00076	.00003	.00279	.00088
%RSD	1.8954	.44666	.54889	1.9664	.48531	.05246	.81193	.75266

#1	7.1021	.78134	.16488	1.7255	.15704	.05874	.34189	.11549
#2	7.2448	.78835	.16355	1.7605	.15727	.05871	.34346	.11686
#3	7.3765	.78472	.16317	1.7947	.15847	.05877	.34732	.11711

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	1.6395	.25814	.19812	.15267	5.1666	.75431	.23014	2.9253
Stddev	.0317	.00163	.00247	.00103	.0229	.00520	.00510	.0104
%RSD	1.9321	.62991	1.2492	.67781	.44250	.68976	2.2151	.35712

#1	1.6073	.26001	.19712	.15189	5.1522	.74831	.22497	2.9369
#2	1.6406	.25707	.19630	.15228	5.1930	.75704	.23027	2.9224
#3	1.6707	.25733	.20094	.15384	5.1547	.75759	.23517	2.9167

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	5.3155	.15419	2.6935	.66722	1.1764	6.2362	47.198	
Stddev	.1013	.00294	.0064	.01315	.0026	.0100	.181	
%RSD	1.9051	1.9051	.23635	1.9709	.21904	.16088	.38282	

#1	5.2139	.15158	2.7004	.65388	1.1743	6.2415	47.116	
#2	5.3162	.15362	2.6922	.66762	1.1755	6.2246	47.405	
#3	5.4164	.15737	2.6879	.68017	1.1793	6.2424	47.073	

Sample Name: S4 Acquired: 01/16/2019 13:07:32 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2521.7	2697.2	55582.	5701.0	4170.5
Stddev	22.9	39.1	95.	26.1	61.7
%RSD	.90779	1.4480	.17102	.45761	1.4784
#1	2545.4	2733.6	55597.	5723.0	4230.0
#2	2499.7	2702.0	55480.	5672.2	4174.6
#3	2520.1	2656.0	55668.	5707.8	4106.9

Sample Name: S5 Acquired: 01/16/2019 13:11:03 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.47023	.85447	1.6489	1.0380	2.1540	1.5174	75.565	4.9872
Stddev	.00406	.00739	.0153	.0080	.0192	.0022	1.268	.0086
%RSD	.86401	.86477	.92852	.77168	.88995	.14589	1.6777	.17288

#1	.46606	.84737	1.6373	1.0296	2.1354	1.5190	75.729	4.9888
#2	.47044	.85392	1.6432	1.0388	2.1529	1.5149	76.742	4.9949
#3	.47418	.86212	1.6663	1.0456	2.1737	1.5182	74.223	4.9779

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	14.482	1.5389	.32267	3.5573	.31070	.11378	.67294	.23072
Stddev	.127	.0029	.00106	.0312	.00104	.00086	.00273	.00016
%RSD	.87862	.18802	.32815	.87618	.33463	.75689	.40514	.06953

#1	14.384	1.5366	.32169	3.5321	.31188	.11452	.67503	.23054
#2	14.436	1.5379	.32252	3.5476	.31028	.11284	.66985	.23085
#3	14.626	1.5421	.32379	3.5922	.30993	.11400	.67393	.23077

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	3.2938	.52506	.39228	.30032	10.087	1.4951	.47122	5.7972
Stddev	.0306	.00150	.00188	.00092	.046	.0061	.00380	.0258
%RSD	.92747	.28539	.47932	.30624	.45274	.40664	.80604	.44434

#1	3.2680	.52596	.39019	.30046	10.095	1.4882	.46762	5.8193
#2	3.2857	.52333	.39284	.29933	10.129	1.4997	.47085	5.8035
#3	3.3275	.52590	.39382	.30115	10.038	1.4974	.47519	5.7689

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	10.581	.31696	5.2614	1.3469	2.3202	12.519	92.644
Stddev	.090	.00265	.0150	.0118	.0051	.032	.889
%RSD	.85160	.83660	.28419	.87221	.21998	.25855	.95930

#1	10.496	.31467	5.2628	1.3372	2.3162	12.483	92.610
#2	10.571	.31635	5.2755	1.3435	2.3185	12.530	91.772
#3	10.676	.31986	5.2457	1.3600	2.3260	12.544	93.549

Sample Name: S5 Acquired: 01/16/2019 13:11:03 Type: Cal
Method: NON EPA-6010-200.7(v50) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2470.9	2640.5	55121.	5753.7	4003.6
Stddev	8.6	18.6	286.	14.5	27.7
%RSD	.34763	.70399	.51944	.25199	.69206
#1	2476.3	2659.1	55388.	5765.5	4027.5
#2	2461.0	2640.4	55155.	5737.5	4010.1
#3	2475.4	2622.0	54819.	5758.0	3973.3

Sample Name: ICV01 Acquired: 01/16/2019 13:14:51 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023526	1.039085	1.021764	1.023342	.9900666	2.594276
Stddev	.008310	.008380	.013450	.010740	.0093784	.015691
%RSD	.8119447	.8064691	1.316333	1.049517	.9472501	.6048225

#1	1.016511	1.029572	1.011200	1.012507	.9811019	2.580430
#2	1.021363	1.042307	1.017188	1.023535	.9892879	2.611319
#3	1.032704	1.045374	1.036905	1.033985	.9998101	2.591079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130968	.5015164	.5127435	10.34914	F .5216913	.5128077
Stddev	.0017526	.0025703	.0059771	.06943	.0008929	.0059599
%RSD	.3415763	.5124961	1.165717	.6708966	.1711606	1.162202

#1	.5114124	.5043283	.5075982	10.26904	.5206603	.5070023
#2	.5129675	.4992883	.5113323	10.39203	.5221917	.5125100
#3	.5149105	.5009325	.5193000	10.38637	.5222218	.5189109

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5165861	5.319348	.5174701	6.121906	.5202806	.4771762
Stddev	.0012644	.075899	.0064881	.109227	.0059738	.0023503
%RSD	.2447606	1.426847	1.253818	1.784196	1.148188	.4925383

#1	.5164058	5.240115	.5125074	5.996571	.5149564	.4785795
#2	.5154216	5.391403	.5248120	6.172369	.5191446	.4784862
#3	.5179310	5.326525	.5150910	6.196778	.5267409	.4744629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21912	.4877081	1.064818	10.05987	2.482434	F 2.778092
Stddev	.07928	.0073758	.005320	.17158	.033389	.022666
%RSD	.7758365	1.512333	.4996326	1.705597	1.344994	.8158880

#1	10.23799	.4953963	1.060297	9.87673	2.445756	2.804252
#2	10.28726	.4870376	1.070680	10.08598	2.490484	2.765692
#3	10.13210	.4806905	1.063477	10.21690	2.511062	2.764330

Sample Name: ICV01 Acquired: 01/16/2019 13:14:51 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.803816	2.477869	F 2.712286	F 2.810719	F 2.842619	F 2.997787
Stddev	.027118	.027602	.017207	.036407	.018136	.015476
%RSD	.9671827	1.113927	.6344015	1.295291	.6380116	.5162376
#1	2.776393	2.449835	2.732080	2.774719	2.822639	2.980454
#2	2.804437	2.478755	2.700903	2.809917	2.858042	3.002690
#3	2.830618	2.505017	2.703874	2.847520	2.847175	3.010218

Elem	Sr4077
Units	ppm
Avg	F 2.344478
Stddev	.009949
%RSD	.4243757
#1	2.335635
#2	2.342548
#3	2.355251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.847	2735.156	55443.38	5801.449	4276.577
Stddev	12.943	20.388	282.76	36.681	38.770
%RSD	.5132539	.7454218	.5100065	.6322812	.9065569
#1	2526.980	2755.191	55385.10	5762.388	4309.585
#2	2507.124	2735.845	55194.30	5806.796	4286.263
#3	2531.437	2714.431	55750.75	5835.164	4233.883

Sample Name: LLICV01 Acquired: 01/16/2019 13:18:29 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	.0198321	.0386581	.0130865	.0197345	.0537082	.1113853	.1055815
Stddev	.0011847	.0006509	.0007779	.0015470	.0005749	.0021877	.0001879
%RSD	5.973824	1.683672	5.944145	7.839161	1.070423	1.964114	.1779594

#1	.0208340	.0393850	.0132115	.0215208	.0530788	.1103012	.1057754
#2	.0185245	.0384600	.0122537	.0188543	.0542058	.1139033	.1055688
#3	.0201379	.0381292	.0137943	.0188285	.0538398	.1099512	.1054003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062149	.0059726	2.117375	.0107331	.0326253	.0193456	.0864128
Stddev	.0001189	.0000489	.017066	.0005490	.0002915	.0014650	.0118331
%RSD	1.912920	.8192107	.8060028	5.115003	.8933115	7.572965	13.69369

#1	.0060793	.0059173	2.104926	.0113379	.0329596	.0197847	.1000556
#2	.0063013	.0059902	2.136829	.0105953	.0324246	.0205410	.0789376
#3	.0062641	.0060103	2.110370	.0102662	.0324917	.0177113	.0802452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211575	2.163657	.0428036	.0102687	2.039850	.0467441	.0452188
Stddev	.0012043	.049688	.0001273	.0001446	.078891	.0016142	.0002164
%RSD	5.691852	2.296488	.2973756	1.408546	3.867470	3.453283	.4786137

#1	.0223577	2.145868	.0429491	.0101083	2.108360	.0478838	.0454002
#2	.0211656	2.219791	.0427125	.0103084	1.953600	.0474516	.0449792
#3	.0199492	2.125312	.0427493	.0103893	2.057589	.0448970	.0452769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.939227	.0215926	.1134814	.1998191	.0184980	.4052408	.0433079
Stddev	.036766	.0004839	.0016958	.0008114	.0026775	.0018313	.0004981
%RSD	1.895900	2.240861	1.494311	.4060895	14.47456	.4519060	1.150040

#1	1.962733	.0220100	.1145750	.2006845	.0187774	.4034970	.0438734
#2	1.958089	.0217055	.1143412	.1996975	.0210248	.4071486	.0429347
#3	1.896858	.0210622	.1115280	.1990753	.0156917	.4050769	.0431155

Sample Name: LLICV01 Acquired: 01/16/2019 13:18:29 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0431979	.0221459	.0202576
Stddev	.0010707	.0016494	.0000781
%RSD	2.478699	7.447938	.3854080

#1	.0434616	.0239696	.0201727
#2	.0420199	.0217093	.0202739
#3	.0441121	.0207586	.0203263

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.570	2915.235	57887.85	5956.950	4595.617
Stddev	8.236	7.414	250.69	35.066	11.863
%RSD	.3107223	.2543079	.4330661	.5886573	.2581442

#1	2647.934	2910.102	57655.92	5969.550	4591.658
#2	2659.801	2923.735	57853.81	5917.325	4608.953
#3	2643.975	2911.869	58153.83	5983.975	4586.239

Sample Name: ICB01 Acquired: 01/16/2019 13:22:19 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	-.001862	-.000585	-.000980	.0015848	.0008337	.0041695	-.000050
Stddev	.002049	.000210	.001132	.0035528	.0010523	.0139336	.000775
%RSD	110.0194	35.87375	115.5390	224.1773	126.2072	334.1791	1536.827

#1	-.003034	-.000592	-.001486	.0048589	.0005358	.0147352	.000451
#2	-.003055	-.000791	-.001770	.0020885	-.000037	.0093948	-.000943
#3	.000503	-.000372	.000317	-.002193	.002003	-.011621	.000341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000051	.0239816	-.000098	.0001366	.0003161	.0114584
Stddev	.000032	.000006	.0117466	.000030	.0002170	.0029404	.0102808
%RSD	97.95126	11.87501	48.98173	30.16474	158.8570	930.1321	89.72218

#1	-.000041	-.000046	.0319542	-.000122	.0003821	-.002152	.0191131
#2	.000003	-.000058	.0294986	-.000107	.0000573	.003569	.0154891
#3	-.000059	-.000049	.0104921	-.000065	-.000030	-.000469	-.000227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000667	.0226847	-.000416	.0000972	.0951008	.0010992	-.000494
Stddev	.001104	.0339362	.000232	.0002802	.1749995	.0009095	.000225
%RSD	165.4085	149.5997	55.69505	288.2182	184.0148	82.73908	45.52329

#1	-.001138	.0045650	-.000196	-.000191	.2821063	.0017297	-.000471
#2	-.001458	.0618348	-.000394	.000369	.0679045	.0000566	-.000729
#3	.000594	.0016543	-.000657	.000113	-.064708	.0015112	-.000281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103085	.0007253	.0057708	.0000352	.0006595	.0032283	.0011264
Stddev	.0249730	.0008150	.0007962	.0001790	.0039638	.0005469	.0003651
%RSD	242.2565	112.3663	13.79634	509.1405	601.0442	16.94066	32.41329

#1	.0311107	.0004626	.0066364	-.000073	.0052313	.0035235	.0015474
#2	.0172019	.0000741	.0056060	-.000063	-.001438	.0025972	.0008965
#3	-.017387	.0016392	.0050699	.000242	-.001815	.0035640	.0009353

Sample Name: ICB01 Acquired: 01/16/2019 13:22:19 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000142	.0023753	-.000048
Stddev	.0011557	.0005100	.000014
%RSD	8140.014	21.47301	29.42170

#1	-.000980	.0019765	-.000062
#2	.001282	.0021993	-.000034
#3	-.000259	.0029500	-.000048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.210	2786.332	55627.44	5797.533	4340.412
Stddev	15.048	18.935	177.60	5.108	23.576
%RSD	.5919336	.6795576	.3192739	.0881019	.5431693

#1	2536.035	2798.133	55825.48	5794.075	4354.904
#2	2531.231	2796.371	55482.29	5795.125	4353.124
#3	2559.363	2764.492	55574.56	5803.400	4313.209

Sample Name: CRI01 Acquired: 01/16/2019 13:26:12 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215106	.0413953	.0136637	.0221844	.0579060	.1171771	.1101858
Stddev	.0009872	.0010065	.0004025	.0027312	.0027139	.0062099	.0005414
%RSD	4.589526	2.431335	2.946004	12.31148	4.686675	5.299558	.4913222

#1	.0205339	.0414893	.0132263	.0238429	.0547853	.1107405	.1096176
#2	.0225081	.0423514	.0137461	.0190320	.0597136	.1231323	.1102441
#3	.0214899	.0403451	.0140186	.0236781	.0592191	.1176584	.1106956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064606	.0065100	2.192754	.0112654	.0355994	.0216131	.1117729
Stddev	.0000408	.0000795	.010920	.0002425	.0003998	.0011582	.0084223
%RSD	.6323296	1.221855	.4980160	2.152738	1.123072	5.358921	7.535170

#1	.0064562	.0064566	2.200286	.0113819	.0351553	.0206416	.1193101
#2	.0064221	.0064720	2.180230	.0109866	.0357119	.0228949	.1026819
#3	.0065034	.0066014	2.197746	.0114277	.0359308	.0213028	.1133267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224210	2.198847	.0466207	.0109908	2.288939	.0474536	.0503175
Stddev	.0010173	.045863	.0005627	.0004673	.283621	.0038048	.0005197
%RSD	4.537245	2.085776	1.206870	4.251825	12.39093	8.017952	1.032910

#1	.0213433	2.158140	.0461828	.0113723	2.344539	.0512806	.0506854
#2	.0233646	2.248537	.0464240	.0111306	2.540642	.0474088	.0497229
#3	.0225552	2.189864	.0472553	.0104696	1.981635	.0436714	.0505441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.123337	.0232901	.1121138	.2159147	.0226813	.4994861	.0468470
Stddev	.008508	.0013596	.0011470	.0022521	.0024298	.0004456	.0013705
%RSD	.4007065	5.837624	1.023079	1.043069	10.71266	.0892115	2.925504

#1	2.113616	.0217208	.1133776	.2142030	.0203599	.4992360	.0459929
#2	2.126967	.0240342	.1111388	.2150751	.0252066	.4992218	.0461204
#3	2.129428	.0241151	.1118249	.2184661	.0224774	.5000006	.0484278

Sample Name: CRI01 Acquired: 01/16/2019 13:26:12 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0456778	.0211861	.0211517
Stddev	.0004348	.0011170	.0000683
%RSD	.9519754	5.272273	.3226636

#1	.0452198	.0208008	.0211117
#2	.0457286	.0203127	.0211129
#3	.0460850	.0224447	.0212305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.667	2790.248	56613.16	5934.000	4388.348
Stddev	23.021	24.708	126.51	58.364	43.478
%RSD	.8855374	.8855245	.2234617	.9835453	.9907624

#1	2575.139	2810.057	56536.69	5876.900	4426.181
#2	2620.806	2798.127	56759.19	5993.550	4398.010
#3	2603.056	2762.562	56543.61	5931.550	4340.851

Sample Name: ICSA01 Acquired: 01/16/2019 13:34:00 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000861	-.005338	-.006660	-.017581	.0033575	243.7785
Stddev	.004009	.001847	.000206	.002214	.0008689	1.2037
%RSD	465.8428	34.59987	3.093658	12.59057	25.88016	.4937558

#1	-.004755	-.005340	-.006426	-.018901	.0043513	244.6671
#2	.003254	-.007184	-.006813	-.015026	.0027408	242.4086
#3	-.001080	-.003490	-.006742	-.018816	.0029805	244.2596

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048647	.0008183	.0007778	230.0852	.0454609	.0021455
Stddev	.0005150	.0000448	.0000323	1.5705	.0003839	.0001018
%RSD	10.58584	5.474897	4.156978	.6825517	.8445569	4.743421

#1	.0050730	.0008413	.0008100	231.4228	.0451191	.0020695
#2	.0052429	.0008469	.0007453	228.3560	.0458763	.0022612
#3	.0042782	.0007667	.0007782	230.4768	.0453873	.0021060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109416	81.10996	.0092081	243.0988	-.000185	-.006813
Stddev	.0026447	.43660	.0011477	1.4800	.000472	.000368
%RSD	24.17141	.5382858	12.46398	.6088228	255.2909	5.394246

#1	.0079747	81.50039	.0104557	244.2619	-.000709	-.006670
#2	.0130517	80.63853	.0081972	241.4328	-.000050	-.007231
#3	.0117984	81.19097	.0089714	243.6017	.000205	-.006539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2745012	-.000070	.0068774	-.137377	-.004345	F -.171448
Stddev	.1633072	.002885	.0003417	.019168	.002508	.003581
%RSD	59.49236	4092.672	4.968157	13.95250	57.72277	2.088628

#1	.3584882	-.002815	.0069791	-.159062	-.003842	-.174139
#2	.3787230	-.000333	.0071566	-.130372	-.007067	-.167384
#3	.0862925	.002937	.0064964	-.122698	-.002127	-.172820

Sample Name: ICSA01 Acquired: 01/16/2019 13:34:00 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009629	.0014292	-.001675	-.001661	-.002742	W .0064728
Stddev	.0003882	.0024901	.000483	.002018	.001492	.0013517
%RSD	40.31739	174.2350	28.82262	121.4592	54.42523	20.88267

#1	.0006295	-.001296	-.001423	.000490	-.002610	.0049346
#2	.0013891	.003587	-.001371	-.003512	-.004297	.0074708
#3	.0008702	.001996	-.002232	-.001961	-.001320	.0070132

Elem	Sr4077
Units	ppm
Avg	F .0922359
Stddev	.0004718
%RSD	.5115307

#1	.0927375
#2	.0918009
#3	.0921693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.594	2817.874	58497.86	6135.708	4161.660
Stddev	23.648	13.091	162.13	30.617	24.161
%RSD	.9040992	.4645862	.2771561	.4990051	.5805611

#1	2611.291	2807.359	58562.63	6123.929	4148.527
#2	2594.392	2813.728	58313.36	6170.466	4146.910
#3	2641.097	2832.537	58617.60	6112.729	4189.543

Sample Name: ICSAB01 Acquired: 01/16/2019 13:37:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063485	.1037191	.0462789	.0302389	.6333610	275.2814	.5486419
Stddev	.0077883	.0012152	.0006471	.0032590	.0049917	1.1854	.0010324
%RSD	7.323356	1.171651	1.398145	10.77747	.7881268	.4306019	.1881690

#1	.0994936	.1040882	.0457728	.0325245	.6316952	274.2198	.5477967
#2	.1047347	.1023622	.0460558	.0265071	.6294153	275.0641	.5483364
#3	.1148173	.1047071	.0470079	.0316850	.6389726	276.5604	.5497925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5227914	1.044835	256.9261	.5787058	.5374568	.5487705	88.45052
Stddev	.0023870	.005846	1.5155	.0013395	.0037807	.0018791	.50136
%RSD	.4565916	.5594737	.5898417	.2314647	.7034446	.3424246	.5668283

#1	.5250223	1.039815	256.1473	.5793931	.5345746	.5491961	88.23425
#2	.5202741	1.043439	255.9584	.5795622	.5360582	.5504004	88.09358
#3	.5230777	1.051253	258.6726	.5771622	.5417375	.5467151	89.02372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5279008	272.3201	1.068463	.2107109	.2744074	.5260634	1.108480
Stddev	.0035270	1.6702	.007513	.0002274	.1017312	.0089497	.002461
%RSD	.6681149	.6133339	.7031456	.1079152	37.07306	1.701259	.2219997

#1	.5264180	271.3126	1.064863	.2109568	.1641997	.5328878	1.108270
#2	.5253572	271.3997	1.063427	.2105082	.2942985	.5293718	1.106131
#3	.5319271	274.2481	1.077098	.2106678	.3647240	.5159305	1.111039

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.183687	1.180660	.9007797	1.061930	1.175020	1.046062	1.139360
Stddev	.017060	.007630	.0040157	.006002	.007982	.004731	.009926
%RSD	9.287612	.6462464	.4457984	.5652154	.6792724	.4522593	.8711800

#1	-.184557	1.172889	.9048085	1.058337	1.165804	1.050460	1.132774
#2	-.200296	1.180950	.8967773	1.058593	1.179555	1.041057	1.134530
#3	-.166209	1.188141	.9007534	1.068859	1.179700	1.046669	1.150777

Sample Name: ICSAB01 Acquired: 01/16/2019 13:37:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.091901	1.199374	1.135665
Stddev	.008570	.003332	.003357
%RSD	.7848721	.2778297	.2955675

#1	1.082243	1.195611	1.137734
#2	1.094862	1.200556	1.131792
#3	1.098598	1.201953	1.137469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.225	2550.106	53431.74	5630.743	3742.454
Stddev	6.916	15.604	236.87	13.042	21.340
%RSD	.2915335	.6119007	.4433102	.2316127	.5702262

#1	2377.717	2553.452	53655.31	5625.025	3754.862
#2	2374.500	2563.766	53456.41	5645.667	3754.688
#3	2364.458	2533.100	53183.50	5621.538	3717.812

Sample Name: CCV01 Acquired: 01/16/2019 13:41:30 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119742	5.224780	5.088794	5.124971	5.179759	9.937645
Stddev	.053273	.050430	.064089	.066997	.062383	.063896
%RSD	1.040538	.9652145	1.259423	1.307258	1.204365	.6429730

#1	5.063336	5.172566	5.029496	5.066523	5.122056	9.863915
#2	5.126692	5.228558	5.080099	5.110303	5.171268	9.976884
#3	5.169200	5.273214	5.156787	5.198086	5.245952	9.972136

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22212	.2492576	2.517151	24.53150	1.020008	F 2.537748
Stddev	.05294	.0034440	.036529	.23514	.006257	.034080
%RSD	.5179360	1.381706	1.451210	.9585305	.6133823	1.342929

#1	10.16805	.2462336	2.486946	24.26126	1.015155	2.506606
#2	10.22443	.2485329	2.506755	24.68936	1.017800	2.532484
#3	10.27387	.2530063	2.557751	24.64389	1.027069	2.574154

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275298	4.900033	2.451883	24.19084	2.577818	1.231849
Stddev	.002791	.057009	.023930	.36082	.035277	.006636
%RSD	.2188480	1.163441	.9759813	1.491541	1.368497	.5387298

#1	1.273876	4.856545	2.424257	23.88734	2.544849	1.226581
#2	1.278514	4.964574	2.466181	24.58978	2.573585	1.229663
#3	1.273505	4.878978	2.465211	24.09541	2.615022	1.239302

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.64170	2.466190	2.554140	25.22306	5.176284	4.940303
Stddev	.20603	.016649	.013907	.23859	.055507	.072182
%RSD	.8360967	.6751083	.5444756	.9459120	1.072335	1.461079

#1	24.48541	2.452489	2.544953	24.95847	5.116481	4.872813
#2	24.56453	2.461361	2.570139	25.28890	5.186215	4.931690
#3	24.87518	2.484720	2.547327	25.42182	5.226155	5.016404

Sample Name: CCV01 Acquired: 01/16/2019 13:41:30 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032274	5.058231	4.938466	5.089645	4.960475	4.973359
Stddev	.062790	.062773	.078902	.061261	.034795	.021141
%RSD	1.247739	1.241009	1.597695	1.203631	.7014488	.4250813

#1	4.976161	4.997566	4.869211	5.034525	4.925351	4.951637
#2	5.020569	5.054208	4.921827	5.078809	4.961141	4.974574
#3	5.100093	5.122919	5.024360	5.155600	4.994932	4.993866

Elem	Sr4077
Units	ppm
Avg	5.002535
Stddev	.020861
%RSD	.4170170

#1	4.982205
#2	5.001510
#3	5.023890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.647	2653.950	55090.93	5770.250	4080.132
Stddev	25.671	25.406	341.00	19.944	43.377
%RSD	1.031530	.9572922	.6189758	.3456323	1.063138

#1	2476.733	2675.511	54800.73	5793.115	4117.561
#2	2471.098	2660.399	55005.55	5761.191	4090.243
#3	2518.110	2625.942	55466.50	5756.444	4032.592

Sample Name: LLCCV01 Acquired: 01/16/2019 13:45:01 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	.0181598	.0420839	.0138157	.0207167	.0584030	.1131695	.1109146
Stddev	.0006753	.0004296	.0004125	.0006691	.0012775	.0080404	.0003971
%RSD	3.718745	1.020921	2.985966	3.229890	2.187475	7.104739	.3580342

#1	.0174661	.0423427	.0141791	.0202145	.0570183	.1219189	.1109475
#2	.0188151	.0423211	.0139007	.0214763	.0586547	.1114845	.1105020
#3	.0181981	.0415880	.0133673	.0204591	.0595359	.1061052	.1112942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063363	.0063865	2.115808	.0107558	.0353050	.0179640	.0828561
Stddev	.0000818	.0001283	.008729	.0004240	.0005099	.0026986	.0110945
%RSD	1.290827	2.008374	.4125712	3.941943	1.444247	15.02201	13.39013

#1	.0062515	.0062698	2.124070	.0111945	.0349035	.0148678	.0701344
#2	.0063426	.0063658	2.106677	.0103483	.0351328	.0192087	.0905232
#3	.0064148	.0065239	2.116678	.0107245	.0358787	.0198156	.0879108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203499	2.130330	.0470273	.0109147	2.009263	.0421139	.0476937
Stddev	.0010711	.042990	.0007520	.0002243	.090876	.0030978	.0005172
%RSD	5.263459	2.017975	1.599147	2.054830	4.522852	7.355671	1.084360

#1	.0208199	2.168645	.0467609	.0108117	1.990220	.0397275	.0479729
#2	.0191241	2.138504	.0464448	.0111720	1.929418	.0409996	.0480113
#3	.0211056	2.083840	.0478763	.0107605	2.108152	.0456147	.0470969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.213218	.0219551	.1143258	.2125436	.0206206	.4179503	.0464937
Stddev	.063226	.0005751	.0012008	.0031440	.0026521	.0022839	.0012455
%RSD	2.856755	2.619437	1.050331	1.479238	12.86132	.5464441	2.678892

#1	2.183340	.0224427	.1133594	.2106690	.0235130	.4167447	.0475165
#2	2.170469	.0221017	.1139478	.2107884	.0183030	.4165219	.0468579
#3	2.285847	.0213209	.1156700	.2161733	.0200459	.4205844	.0451067

Sample Name: LLCCV01 Acquired: 01/16/2019 13:45:01 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0437612	.0208943	.0212150
Stddev	.0017702	.0010915	.0000840
%RSD	4.045064	5.223911	.3959201

#1	.0418870	.0204585	.0213073
#2	.0439919	.0200881	.0211431
#3	.0454047	.0221364	.0211947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.811	2721.697	55131.02	5772.292	4246.441
Stddev	13.443	33.905	321.86	46.266	45.686
%RSD	.5353958	1.245735	.5838128	.8015234	1.075856

#1	2495.642	2741.843	54861.13	5732.375	4274.355
#2	2515.547	2740.695	55487.24	5823.000	4271.250
#3	2521.245	2682.552	55044.69	5761.500	4193.718

Sample Name: CCB01 Acquired: 01/16/2019 13:48:53 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003114	.0003211	-.000344	.0002400	-.000256	.0028951	-.000337
Stddev	.0020496	.0005044	.000794	.0012412	.000476	.0029814	.000167
%RSD	658.1566	157.0871	230.9470	517.2651	186.4439	102.9792	49.48817

#1	-.000798	.0000252	-.000737	-.000876	-.000632	.0062365	-.000469
#2	.002677	.0000346	.000570	.000019	.000280	.0005067	-.000150
#3	-.000944	.0009035	-.000865	.001577	-.000415	.0019422	-.000391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000110	.0000248	-.002313	-.000067	.0001594	-.000666	.0049139
Stddev	.0000561	.0000264	.022329	.000269	.0001246	.001148	.0046939
%RSD	509.9103	106.4305	965.1866	401.8785	78.14367	172.4274	95.52277

#1	.0000356	.0000510	-.004035	.000226	.0002281	.000009	.0071852
#2	-.000053	-.000002	-.023732	-.000124	.0000156	-.001991	.0080401
#3	.000051	.000025	.020827	-.000303	.0002345	-.000015	-.000484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000610	.0013477	-.000171	.0005758	-.020804	.0056420	-.000653
Stddev	.000314	.0149009	.000212	.0002605	.176675	.0039343	.000007
%RSD	51.49355	1105.684	124.2680	45.24277	849.2423	69.73194	1.084350

#1	-.000834	.0172267	-.000412	.0008514	.182306	.0092655	-.000645
#2	-.000744	-.012330	-.000088	.0003337	-.105805	.0062035	-.000659
#3	-.000251	-.000853	-.000012	.0005422	-.138912	.0014572	-.000654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634249	.0018313	.0038520	-.000083	.0004610	.0007169	-.000266
Stddev	.0213771	.0007016	.0006564	.000056	.0042287	.0008106	.000114
%RSD	33.70464	38.30963	17.04123	67.14219	917.3147	113.0585	42.94787

#1	.0399687	.0026399	.0039237	-.000099	-.003957	.0001452	-.000396
#2	.0818117	.0013847	.0044696	-.000129	.004471	.0016445	-.000220
#3	.0684941	.0014693	.0031626	-.000021	.000869	.0003610	-.000182

Sample Name: CCB01 Acquired: 01/16/2019 13:48:53 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002971	-.000163	-.000009
Stddev	.0003514	.001450	.000068
%RSD	118.2783	889.8583	736.1150

#1	.0005197	-.001794	.000041
#2	-.000108	.000980	.000019
#3	.000479	.000325	-.000087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.335	2747.579	55924.06	5869.675	4277.021
Stddev	3.531	20.304	113.74	14.893	34.966
%RSD	.1385792	.7389830	.2033789	.2537342	.8175242

#1	2545.495	2765.832	55822.34	5885.925	4307.079
#2	2547.221	2751.196	55902.99	5856.675	4285.337
#3	2552.290	2725.709	56046.87	5866.425	4238.647

Sample Name: LR CHECK 1 Acquired: 01/16/2019 13:53:35 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047882	-.093232	-.094473	-.169489	.0418510	F 1885.067
Stddev	.003812	.007210	.003219	.007534	.0061980	17.122
%RSD	7.960380	7.732966	3.407077	4.445157	14.80972	.9082785

#1	-.048259	-.101474	-.096779	-.173784	.0372053	1865.433
#2	-.051490	-.090124	-.095844	-.173893	.0488886	1892.878
#3	-.043895	-.088098	-.090795	-.160790	.0394591	1896.891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034599	.0060964	.0053187	F 1701.482	-.054270	.0827582
Stddev	.0005056	.0000955	.0001875	12.974	.000900	.0010838
%RSD	14.61213	1.566318	3.525275	.7625010	1.657537	1.309568

#1	.0039068	.0060509	.0051660	1694.821	-.053858	.0815069
#2	.0029112	.0062062	.0052621	1693.192	-.053651	.0833976
#3	.0035617	.0060322	.0055280	1716.433	-.055302	.0833701

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1222490	F 819.2510	.0899423	F 1834.310	.0360345	-.075726
Stddev	.0016862	8.6703	.0008986	18.783	.0004749	.001529
%RSD	1.379323	1.058320	.9990448	1.023989	1.317781	2.018805

#1	.1203361	812.8424	.0889300	1818.532	.0364345	-.077346
#2	.1228909	815.7942	.0906455	1829.310	.0361593	-.075524
#3	.1235200	829.1165	.0902515	1855.087	.0355097	-.074308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1907.735	.0036157	.1241542	F 1050.739	-.010495	^ *****
Stddev	17.094	.0054518	.0023967	9.770	.007275	-----
%RSD	.8960168	150.7792	1.930388	.9297799	69.31371	-----

#1	1890.915	-.000339	.1250743	1040.163	-.002209	^ -----
#2	1907.201	.001351	.1259545	1052.626	-.015833	^ -----
#3	1925.090	.009835	.1214339	1059.427	-.013444	^ -----

Sample Name: LR CHECK 1 Acquired: 01/16/2019 13:53:35 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053023	.2371720	-.001725	.0133468	-.046487	.0576632
Stddev	.0005657	.0072461	.002036	.0007472	.001527	.0030601
%RSD	10.66830	3.055219	118.0440	5.597996	3.285482	5.306857

#1	.0055772	.2410574	-.000457	.0126105	-.046331	.0552365
#2	.0046517	.2288118	-.004074	.0133254	-.048087	.0566523
#3	.0056780	.2416468	-.000644	.0141044	-.045044	.0611009

Elem	Sr4077
Units	ppm
Avg	.0142673
Stddev	.0000744
%RSD	.5216807

#1	.0142369
#2	.0143521
#3	.0142129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.347	2113.553	47051.32	5125.234	2703.840
Stddev	1.862	13.834	20.20	54.958	24.025
%RSD	.0912458	.6545195	.0429344	1.072296	.8885538

#1	2040.685	2124.572	47029.39	5188.612	2724.450
#2	2038.339	2118.059	47069.16	5096.325	2709.617
#3	2042.016	2098.028	47055.40	5090.764	2677.453

Sample Name: LR CHECK 2 Acquired: 01/16/2019 13:57:35 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028937	.0126208	F 259.3399	-.017483	-.011823	120.4647
Stddev	.0014777	.0030517	3.0101	.001885	.000320	.1810
%RSD	51.06507	24.18005	1.160693	10.78309	2.705998	.1502868

#1	.0030670	.0137763	257.6252	-.019283	-.011870	120.2661
#2	.0013370	.0091601	257.5789	-.015523	-.011483	120.6205
#3	.0042771	.0149261	262.8156	-.017645	-.012117	120.5075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 101.3107	-.001451	-.000269	147.9562	-.166774	.0129166
Stddev	1.8723	.000056	.000068	.2733	.001172	.0002277
%RSD	1.848119	3.890136	25.40623	.1846948	.7029758	1.762683

#1	99.9916	-.001468	-.000313	147.9548	-.165460	.0127430
#2	103.4537	-.001498	-.000303	148.2302	-.167712	.0128324
#3	100.4868	-.001388	-.000190	147.6837	-.167152	.0131744

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 248.8505	72.96340	F 40.90152	148.4904	F 49.12638	-.000702
Stddev	.2423	.35001	.13253	.7363	.54263	.000317
%RSD	.0973852	.4797032	.3240203	.4958646	1.104562	45.18683

#1	248.6153	73.36620	41.00272	147.9122	48.78422	-.000413
#2	249.0994	72.79058	40.95034	149.3194	48.84287	-.000652
#3	248.8369	72.73341	40.75151	148.2397	49.75204	-.001042

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.0625	-.008248	F 33.49642	73.04763	-2.43826	-.136779
Stddev	.7548	.003931	.40811	.22560	.03702	.001934
%RSD	.4600859	47.65972	1.218370	.3088348	1.518379	1.414287

#1	163.5934	-.010697	33.96333	72.98305	-2.43897	-.137469
#2	164.9333	-.010334	33.20773	73.29847	-2.40088	-.138273
#3	163.6610	-.003714	33.31820	72.86136	-2.47492	-.134594

Sample Name: LR CHECK 2 Acquired: 01/16/2019 13:57:35 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036787	-.265887	.1894904	-.004476	-.021229	.0082393
Stddev	.000381	.007194	.0009646	.001558	.001671	.0034636
%RSD	1.036594	2.705819	.5090461	34.80672	7.871148	42.03670

#1	-.037135	-.267253	.1888667	-.005448	-.022993	.0052668
#2	-.036379	-.272300	.1906015	-.005301	-.021025	.0074084
#3	-.036846	-.258107	.1890031	-.002679	-.019670	.0120428

Elem	Sr4077
Units	ppm
Avg	.0035262
Stddev	.0001081
%RSD	3.064820

#1	.0034912
#2	.0034399
#3	.0036474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.626	2371.013	54824.00	5605.929	3752.615
Stddev	27.274	24.052	661.90	46.370	36.646
%RSD	1.148068	1.014405	1.207313	.8271527	.9765569

#1	2345.036	2377.939	54060.00	5634.612	3765.218
#2	2397.405	2390.841	55187.62	5552.432	3781.297
#3	2384.437	2344.258	55224.38	5630.742	3711.331

Sample Name: J6562-12DLX10 Acquired: 01/16/2019 14:01:16 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156297	.0013841	15.91733	-.003186	.0799491	8.413600	.2024255
Stddev	.0005473	.0006361	.09296	.001948	.0006423	.134209	.0032684
%RSD	3.501478	45.95930	.5840164	61.13668	.8034010	1.595147	1.614597

#1	.0161722	.0012383	15.83540	-.005374	.0805328	8.566479	.2059877
#2	.0156391	.0020805	15.89824	-.002540	.0800535	8.359140	.2017239
#3	.0150778	.0008335	16.01835	-.001643	.0792609	8.315180	.1995650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006805	.0021199	69.89260	.0267784	.0083149	.1653739	22.22987
Stddev	.0000447	.0000216	1.47625	.0005007	.0001445	.0041046	.50592
%RSD	6.576335	1.020232	2.112163	1.869815	1.737432	2.482010	2.275877

#1	.0006855	.0021282	71.58328	.0273408	.0082285	.1700985	22.79418
#2	.0006334	.0021362	69.23566	.0263813	.0082345	.1626845	22.07858
#3	.0007225	.0020954	68.85886	.0266130	.0084816	.1633389	21.81685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3107208	40.29689	.0204866	.0006426	.6825466	.0463583	6.818018
Stddev	.0060600	.77921	.0000289	.0002877	.0981689	.0046348	.006853
%RSD	1.950292	1.933666	.1411543	44.77578	14.38274	9.997674	.1005122

#1	.3172713	41.16932	.0205097	.0009646	.7144849	.0475812	6.812570
#2	.3095764	40.05121	.0204960	.0004110	.5723857	.0502590	6.815772
#3	.3053146	39.67013	.0204542	.0005521	.7607692	.0412348	6.825712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.079434	1.229408	-.002410	.0007353	1.699829	1.095127	.0263666
Stddev	.064395	.012557	.000777	.0001641	.015360	.013394	.0006789
%RSD	1.267765	1.021378	32.21781	22.31487	.9035946	1.223046	2.574971

#1	5.107894	1.223392	-.002957	.0009196	1.695696	1.110500	.0264336
#2	5.124696	1.220990	-.002752	.0006813	1.686959	1.088908	.0256567
#3	5.005713	1.243840	-.001521	.0006050	1.716832	1.085972	.0270096

Sample Name: J6562-12DLX10 Acquired: 01/16/2019 14:01:16 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.013754	.0227298	.0406384
Stddev	.023191	.0010426	.0006070
%RSD	2.287644	4.586759	1.493756

#1	1.040507	.0236428	.0413170
#2	1.001387	.0215938	.0404511
#3	.999368	.0229530	.0401471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2608.771	2829.329	58590.28	6129.228	4332.908
Stddev	4.597	7.618	283.57	95.148	17.387
%RSD	.1762055	.2692392	.4839939	1.552369	.4012761

#1	2606.757	2830.933	58599.14	6019.373	4339.328
#2	2605.526	2836.017	58302.39	6185.603	4346.172
#3	2614.032	2821.037	58869.33	6182.708	4313.224

Sample Name: K1131-03DLX10 Acquired: 01/16/2019 14:05:04 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047242	-.000013	.0043731	-.000877	.0009080	.4225406	.0043350
Stddev	.0024884	.002509	.0013171	.001268	.0006315	.0142184	.0000784
%RSD	52.67398	20076.21	30.11901	144.5907	69.55035	3.364978	1.807872

#1	.0034275	.000820	.0045314	-.000554	.0002032	.4066617	.0043946
#2	.0075931	-.002832	.0056040	-.002276	.0010986	.4268666	.0042462
#3	.0031519	.001974	.0029840	.000198	.0014224	.4340936	.0043642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003375	.0000663	455.5871	.0023508	.0015757	.0106655	6.801400
Stddev	.0000142	.0000097	1.4879	.0002802	.0002118	.0018682	.028469
%RSD	4.195020	14.61150	.3265971	11.91901	13.43996	17.51606	.4185781

#1	.0003539	.0000757	456.8347	.0024451	.0013545	.0095744	6.778796
#2	.0003298	.0000563	455.9863	.0020357	.0017766	.0095995	6.833373
#3	.0003289	.0000668	453.9403	.0025717	.0015960	.0128227	6.792031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5644876	269.0872	.0028791	.0004892	.2108797	.0073020	.0149616
Stddev	.0035642	.3195	.0004878	.0003449	.3050216	.0067121	.0001721
%RSD	.6314077	.1187476	16.94320	70.49535	144.6425	91.92092	1.150296

#1	.5686021	269.2188	.0034350	.0002163	-.019500	.0069210	.0151596
#2	.5625112	269.3199	.0026800	.0008768	.556790	.0007886	.0148779
#3	.5623495	268.7228	.0025224	.0003745	.095349	.0141965	.0148474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3742571	.2698996	-.011334	.0005366	.0619404	.1115125	-.004781
Stddev	.0767185	.0032933	.000839	.0000875	.0030491	.0022713	.000453
%RSD	20.49887	1.220179	7.404659	16.30724	4.922669	2.036777	9.473195

#1	.2986867	.2662755	-.010686	.0004561	.0598872	.1088906	-.004878
#2	.3720104	.2707143	-.011033	.0005239	.0604901	.1127707	-.004287
#3	.4520743	.2727091	-.012282	.0006297	.0654440	.1128761	-.005178

Sample Name: K1131-03DLX10 Acquired: 01/16/2019 14:05:04 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000074	.0270245	.0876769
Stddev	.001935	.0013245	.0002465
%RSD	2625.975	4.901038	.2811235

#1	-.002188	.0260130	.0873981
#2	.000356	.0265369	.0878661
#3	.001610	.0285237	.0877664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.022	2577.814	55592.49	5842.974	3810.163
Stddev	4.046	13.694	259.92	23.808	27.287
%RSD	.1668301	.5312444	.4675414	.4074692	.7161746

#1	2421.344	2589.121	55775.24	5815.530	3834.739
#2	2424.365	2581.734	55294.94	5858.092	3814.952
#3	2429.355	2562.587	55707.29	5855.300	3780.798

Sample Name: K1131-03DUPDLX10 Acquired: 01/16/2019 14:08:53 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060837	.0001936	.0049108	-.001295	.0003893	.4342753	.0048558
Stddev	.0036002	.0009603	.0017084	.001607	.0007743	.0074878	.0004924
%RSD	59.17815	496.0021	34.78831	124.1167	198.8807	1.724215	10.13964

#1	.0084762	-.000129	.0030502	.000258	.0012500	.4292626	.0054046
#2	.0019432	-.000564	.0064087	-.001191	.0001687	.4428827	.0044527
#3	.0078315	.001274	.0052736	-.002952	-.000251	.4306807	.0047102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003086	.0000558	456.4840	.0020041	.0014521	.0102768	6.746055
Stddev	.0000088	.0000518	2.7359	.0005592	.0001345	.0027531	.049071
%RSD	2.851875	92.74586	.5993434	27.90196	9.262811	26.78970	.7273993

#1	.0003030	-.000004	453.4148	.0016718	.0014382	.0071288	6.708075
#2	.0003041	.000080	457.3705	.0026497	.0015930	.0114666	6.801461
#3	.0003188	.000091	458.6668	.0016908	.0013251	.0122349	6.728630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5644539	270.3551	.0026529	.0000926	-.026287	.0087208	.0139959
Stddev	.0059670	1.3809	.0003807	.0004339	.119101	.0041421	.0003530
%RSD	1.057130	.5107775	14.34915	468.5214	453.0854	47.49666	2.522202

#1	.5578732	268.7963	.0030445	-.000405	-.053885	.0045996	.0135889
#2	.5695124	270.8436	.0022842	.000390	.104191	.0128834	.0141803
#3	.5659760	271.4253	.0026302	.000293	-.129166	.0086794	.0142184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2562352	.2658172	-.011535	.0003425	.0618592	.1112712	-.004225
Stddev	.0275625	.0019732	.001083	.0001698	.0033440	.0018346	.000437
%RSD	10.75673	.7423220	9.386319	49.57090	5.405823	1.648733	10.34030

#1	.2338883	.2660225	-.010365	.0004926	.0580374	.1093985	-.004283
#2	.2870340	.2676798	-.012502	.0001583	.0632933	.1113500	-.003762
#3	.2477833	.2637494	-.011739	.0003766	.0642470	.1130651	-.004630

Sample Name: K1131-03DUPDLX10 Acquired: 01/16/2019 14:08:53 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000275	.0221524	.0876557
Stddev	.000892	.0011488	.0001776
%RSD	323.8400	5.186065	.2026618

#1	-.000676	.0212596	.0877615
#2	-.000897	.0217491	.0874506
#3	.000746	.0234485	.0877549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.977	2588.178	55608.80	5806.643	3826.469
Stddev	13.084	13.689	320.94	23.525	16.661
%RSD	.5359966	.5288885	.5771323	.4051311	.4354191

#1	2442.708	2600.143	55705.52	5830.439	3841.021
#2	2453.109	2591.140	55870.25	5806.091	3830.091
#3	2427.115	2573.251	55250.63	5783.400	3808.295

Sample Name: K1131-03LDLX50 Acquired: 01/16/2019 14:12:42 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PB116366BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023153	.0001764	.0029860	-.001691	-.000243	.1189032	.0013474
Stddev	.0016327	.0013725	.0006805	.001030	.000128	.0058085	.0003537
%RSD	70.51645	778.0704	22.79107	60.87543	52.68409	4.885053	26.24734

#1	.0038138	-.001196	.0022020	-.000595	-.000333	.1250387	.0017109
#2	.0025568	.000175	.0034244	-.001841	-.000097	.1134891	.0013268
#3	.0005753	.001549	.0033316	-.002638	-.000300	.1181818	.0010045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000587	.0000292	122.0163	.0004157	-.000166	.0030166	1.892882
Stddev	.0000383	.0000462	.9942	.0003407	.000114	.0014286	.028529
%RSD	65.20162	158.2891	.8148013	81.96128	68.61118	47.35814	1.507185

#1	.0000972	-.000024	121.2920	.0000230	-.000080	.0038713	1.867516
#2	.0000583	.000054	121.6071	.0006325	-.000123	.0013673	1.923768
#3	.0000206	.000057	123.1498	.0005915	-.000294	.0038111	1.887362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543030	71.07592	.0003129	.0006732	.0353303	.0025032	.0035508
Stddev	.0030424	.65614	.0002911	.0002099	.2242431	.0026797	.0001511
%RSD	1.971671	.9231583	93.02681	31.18250	634.7048	107.0516	4.256190

#1	.1507948	70.53964	.0000431	.0006195	.2128808	.0033066	.0037187
#2	.1558978	70.88057	.0006213	.0004954	-.216668	.0046892	.0035080
#3	.1562163	71.80755	.0002743	.0009048	.109778	-.000486	.0034258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477570	.0726616	-.004207	.0001152	.0113547	.0311537	-.004005
Stddev	.0531100	.0005616	.000210	.0000879	.0047301	.0019572	.000689
%RSD	35.94415	.7729510	4.983200	76.26698	41.65773	6.282542	17.20048

#1	.0872181	.0723788	-.004447	.0000947	.0157086	.0319258	-.004703
#2	.1865087	.0722975	-.004064	.0002115	.0063218	.0289282	-.003985
#3	.1695443	.0733084	-.004109	.0000394	.0120336	.0326072	-.003326

Sample Name: K1131-03LDLX50 Acquired: 01/16/2019 14:12:42 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PB116366BL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000465	.0058152	.0236847
Stddev	.002028	.0010192	.0001059
%RSD	436.4024	17.52616	.4470191

#1	.001265	.0050233	.0236992
#2	-.002696	.0054572	.0235722
#3	.000037	.0069651	.0237825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.911	2622.171	54688.01	5779.778	4030.064
Stddev	29.639	11.257	354.56	10.781	21.116
%RSD	1.210274	.4293172	.6483397	.1865281	.5239691

#1	2477.677	2626.887	55072.39	5787.575	4037.248
#2	2418.471	2630.303	54373.73	5784.283	4046.650
#3	2450.585	2609.322	54617.93	5767.475	4006.293

Sample Name: K1131-03MSDLX10 Acquired: 01/16/2019 14:16:33 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015071	.2324224	.1183622	.2168961	.0826726	.8328982	.0287869
Stddev	.0021722	.0012838	.0017135	.0045602	.0016399	.0110722	.0012201
%RSD	2.139984	.5523362	1.447660	2.102465	1.983552	1.329354	4.238396

#1	.0990290	.2313022	.1185561	.2125805	.0833098	.8397067	.0277676
#2	.1024105	.2338233	.1165601	.2216667	.0838982	.8201224	.0301388
#3	.1030819	.2321419	.1199706	.2164411	.0808098	.8388655	.0284545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221928	.0223572	507.1827	.0469984	.0250170	.0428852	7.807301
Stddev	.0001784	.0000691	4.2170	.0002028	.0002134	.0031177	.046534
%RSD	.8038425	.3091449	.8314551	.4315350	.8531331	7.269905	.5960382

#1	.0220385	.0222811	508.9515	.0467988	.0247786	.0401065	7.753617
#2	.0221517	.0224161	502.3694	.0472043	.0250822	.0422924	7.832155
#3	.0223881	.0223744	510.2273	.0469922	.0251903	.0462568	7.836131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6419913	300.9284	.0613610	.0087898	.4642907	.0429373	.0411019
Stddev	.0083083	1.8949	.0001380	.0005735	.1229803	.0044692	.0005152
%RSD	1.294142	.6297006	.2249826	6.524245	26.48778	10.40864	1.253383

#1	.6489464	302.5821	.0614278	.0081294	.6062343	.0383288	.0413651
#2	.6327912	298.8607	.0614529	.0091615	.3896911	.0472528	.0414323
#3	.6442364	301.3425	.0612023	.0090787	.3969467	.0432301	.0405083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423309	1.056080	.0196997	.0464580	.0681495	.2770261	.0814177
Stddev	.015475	.004223	.0011814	.0002812	.0043513	.0055411	.0009163
%RSD	1.087266	.3998867	5.996768	.6053960	6.384900	2.000221	1.125467

#1	1.441179	1.051746	.0208509	.0462470	.0631266	.2722379	.0808318
#2	1.414348	1.056311	.0184903	.0463496	.0707681	.2757447	.0809475
#3	1.414402	1.060183	.0197580	.0467773	.0705538	.2830957	.0824736

Sample Name: K1131-03MSDLX10 Acquired: 01/16/2019 14:16:33 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0259477	.0458400	.1192764
Stddev	.0005574	.0017540	.0001567
%RSD	2.148314	3.826420	.1314007

#1	.0259704	.0442123	.1191172
#2	.0264934	.0456100	.1194306
#3	.0253792	.0476977	.1192812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.584	2415.530	52874.26	5533.976	3546.233
Stddev	16.681	8.217	218.85	39.538	16.373
%RSD	.7241422	.3401772	.4139012	.7144586	.4617095

#1	2285.093	2424.920	52685.14	5535.344	3565.025
#2	2308.157	2412.017	52823.68	5572.813	3538.630
#3	2317.501	2409.653	53113.97	5493.772	3535.042

Sample Name: K1131-03MSDDLX10 Acquired: 01/16/2019 14:20:22 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936897	.2308971	.1181158	.2151603	.0795084	.8412259	.0285575
Stddev	.0033814	.0058686	.0028513	.0021623	.0009803	.0195388	.0003125
%RSD	3.609202	2.541660	2.413957	1.004949	1.232999	2.322652	1.094409

#1	.0903602	.2332493	.1210823	.2152448	.0802970	.8187757	.0288349
#2	.0971208	.2242173	.1178695	.2172791	.0798175	.8543891	.0286187
#3	.0935880	.2352248	.1153957	.2129570	.0784108	.8505128	.0282189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217828	.0220562	498.0364	.0464536	.0246959	.0435135	7.644801
Stddev	.0001808	.0001492	2.8842	.0005197	.0001381	.0015995	.053396
%RSD	.8300161	.6765826	.5791220	1.118832	.5592878	3.675859	.6984591

#1	.0215911	.0218941	494.8585	.0459040	.0248215	.0448548	7.585976
#2	.0218069	.0221879	498.7622	.0469371	.0245480	.0417433	7.690207
#3	.0219503	.0220866	500.4883	.0465198	.0247184	.0439423	7.658221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6301211	295.8098	.0612957	.0089649	.5453375	.0377109	.0398807
Stddev	.0047805	1.5482	.0008393	.0002226	.1114404	.0041506	.0003723
%RSD	.7586553	.5233627	1.369290	2.482873	20.43513	11.00636	.9335341

#1	.6282315	294.0464	.0606346	.0090936	.4892017	.0343900	.0400644
#2	.6265742	296.9459	.0622400	.0087079	.6736827	.0363786	.0401255
#3	.6355575	296.4370	.0610125	.0090934	.4731280	.0423640	.0394523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.426052	1.040624	.0178841	.0457828	.0618546	.2726141	.0794313
Stddev	.057945	.002027	.0010417	.0000618	.0038144	.0019912	.0005512
%RSD	4.063312	.1947872	5.825010	.1348951	6.166742	.7303949	.6939756

#1	1.364615	1.038289	.0189529	.0457219	.0580058	.2727982	.0800465
#2	1.479721	1.041642	.0168716	.0458454	.0619241	.2745068	.0792649
#3	1.433820	1.041940	.0178279	.0457811	.0656337	.2705372	.0789824

Sample Name: K1131-03MSDDLX10 Acquired: 01/16/2019 14:20:22 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0248214	.0426260	.1180430
Stddev	.0012707	.0013016	.0006972
%RSD	5.119433	3.053474	.5906032

#1	.0238233	.0413585	.1172387
#2	.0243890	.0425602	.1184173
#3	.0262519	.0439592	.1184731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.597	2437.082	53051.21	5600.044	3576.542
Stddev	8.566	12.819	310.62	35.041	19.415
%RSD	.3672138	.5259900	.5855111	.6257298	.5428559

#1	2338.990	2451.441	53091.08	5640.329	3598.858
#2	2322.865	2433.018	52722.58	5576.627	3567.248
#3	2335.936	2426.788	53339.98	5583.176	3563.521

Sample Name: K1131-03ADLX10 Acquired: 01/16/2019 14:24:13 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861021	.2065490	.1053734	.1942977	.0714397	.8146918	.0276189
Stddev	.0022555	.0023548	.0003030	.0039949	.0012181	.0079559	.0006595
%RSD	2.619504	1.140087	.2875742	2.056063	1.705028	.9765530	2.387941

#1	.0880818	.2091653	.1055058	.1988921	.0719473	.8235739	.0274443
#2	.0836468	.2058822	.1055878	.1916428	.0700500	.8122823	.0283481
#3	.0865777	.2045994	.1050268	.1923582	.0723219	.8082192	.0270642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212005	.0197224	483.4313	.0436485	.0220070	.0389538	7.396992
Stddev	.0002671	.0002098	4.5599	.0004491	.0004982	.0009995	.076976
%RSD	1.259842	1.063734	.9432438	1.028832	2.263852	2.565933	1.040645

#1	.0215005	.0199553	486.3123	.0441253	.0225468	.0386993	7.454258
#2	.0211127	.0196637	485.8075	.0432336	.0219092	.0400560	7.427231
#3	.0209884	.0195482	478.1740	.0435866	.0215649	.0381061	7.309488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6082547	286.4312	.0544141	.0079263	.4717054	.0412573	.0357666
Stddev	.0091510	3.8108	.0006885	.0002301	.0290386	.0045907	.0002286
%RSD	1.504474	1.330454	1.265300	2.902931	6.156092	11.12705	.6392220

#1	.6068912	287.3090	.0551087	.0079212	.4797458	.0464070	.0360168
#2	.6180110	289.7264	.0544016	.0081589	.4394938	.0375939	.0357147
#3	.5998619	282.2580	.0537319	.0076988	.4958766	.0397710	.0355685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.369907	.9284159	.0171894	.0408917	.0541635	.2552540	.0699845
Stddev	.023146	.0124508	.0014300	.0007127	.0024780	.0013502	.0019521
%RSD	1.689600	1.341078	8.319218	1.742853	4.575042	.5289640	2.789326

#1	1.348613	.9424300	.0186327	.0415989	.0532762	.2566302	.0722357
#2	1.394542	.9241886	.0157730	.0409026	.0569629	.2539314	.0689570
#3	1.366566	.9186292	.0171625	.0401736	.0522512	.2552002	.0687607

Sample Name: K1131-03ADLX10 Acquired: 01/16/2019 14:24:13 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0243270	.0401326	.1146682
Stddev	.0009749	.0006972	.0008850
%RSD	4.007449	1.737226	.7717980

#1	.0251765	.0398244	.1154751
#2	.0245419	.0409308	.1148077
#3	.0232626	.0396427	.1137217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.814	2609.593	54457.02	5545.029	3847.867
Stddev	11.728	28.851	212.52	34.117	41.737
%RSD	.4905463	1.105577	.3902480	.6152754	1.084678

#1	2394.876	2577.291	54234.29	5506.543	3801.746
#2	2377.594	2618.684	54479.17	5556.984	3858.820
#3	2399.970	2632.803	54657.59	5571.561	3883.035

Sample Name: K1139-01 Acquired: 01/16/2019 14:28:04 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016452	-.022200	.4570726	-.027605	.0217863	28.93377	1.298451
Stddev	.002747	.000571	.0016264	.003280	.0009868	.12731	.003761
%RSD	.2702498	2.573974	.3558387	11.88104	4.529375	.4400135	.2896419

#1	1.018031	-.022802	.4564670	-.023923	.0226643	28.80844	1.295412
#2	1.013280	-.021665	.4589150	-.028678	.0207184	28.92989	1.297284
#3	1.018045	-.022131	.4558359	-.030214	.0219761	29.06298	1.302657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099561	.0099087	10.28592	.2504753	.0679666	1.413603	703.3725
Stddev	.0001642	.0003829	.13265	.0014627	.0003071	.006963	5.5842
%RSD	1.649484	3.864397	1.289630	.5839561	.4518945	.4925443	.7939155

#1	.0101063	.0102986	10.16231	.2516290	.0676227	1.406835	697.9126
#2	.0097807	.0098944	10.26938	.2509667	.0680635	1.413229	703.1317
#3	.0099813	.0095332	10.42606	.2488302	.0682136	1.420745	709.0732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5436263	4.054238	.1157681	-.043066	23.10497	.5115416	.8915181
Stddev	.0031305	.076917	.0013536	.000222	.14854	.0115348	.0037230
%RSD	.5758481	1.897206	1.169234	.5145142	.6429076	2.254899	.4176062

#1	.5400637	3.995382	.1160649	-.043216	23.26131	.4984372	.8896081
#2	.5448777	4.026062	.1142907	-.043169	23.08792	.5160307	.8958085
#3	.5459375	4.141270	.1169486	-.042811	22.96569	.5201569	.8891378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73858	17.12121	-1.22101	.0788314	168.0422	1.427459	.1008448
Stddev	.09802	.02689	.01608	.0006425	.6684	.009852	.0007848
%RSD	.5525829	.1570359	1.317229	.8150739	.3977528	.6902050	.7782702

#1	17.79858	17.15206	-1.23898	.0783912	167.8643	1.438655	.0999542
#2	17.62546	17.10277	-1.20797	.0785344	167.4807	1.423610	.1014354
#3	17.79169	17.10880	-1.21608	.0795687	168.7815	1.420113	.1011447

Sample Name: K1139-01 Acquired: 01/16/2019 14:28:04 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.421992	.0633828	3.080893
Stddev	.027001	.0009748	.001101
%RSD	.6105969	1.537920	.0357210

#1	4.395649	.0623063	3.081740
#2	4.420723	.0642058	3.081289
#3	4.449605	.0636362	3.079649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.578	2911.250	60417.97	6330.232	4290.166
Stddev	15.093	8.791	180.41	27.706	15.572
%RSD	.5643195	.3019726	.2986040	.4376760	.3629649

#1	2691.989	2912.197	60477.33	6302.972	4290.678
#2	2666.534	2919.529	60561.22	6358.363	4305.476
#3	2665.211	2902.023	60215.36	6329.362	4274.345

Sample Name: CCV02 Acquired: 01/16/2019 14:31:43 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.223530	5.328669	5.204546	5.180123	5.307321	10.19211	10.55250
Stddev	.049513	.056145	.052425	.053518	.044561	.01816	.02766
%RSD	.9478895	1.053644	1.007284	1.033148	.8396222	.1781656	.2620843

#1	5.188472	5.280775	5.159097	5.141797	5.270097	10.17298	10.53482
#2	5.201947	5.314776	5.192642	5.157304	5.295167	10.20911	10.53831
#3	5.280172	5.390457	5.261899	5.241269	5.356698	10.19423	10.58437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531290	2.542684	25.31037	1.034894	2.601055	1.323742	5.124973
Stddev	.0004593	.024719	.08294	.003867	.025222	.008103	.053762
%RSD	.1814506	.9721517	.3277043	.3736649	.9696679	.6121220	1.049026

#1	.2532406	2.520465	25.31249	1.031808	2.577702	1.322485	5.109442
#2	.2526242	2.538277	25.22639	1.033642	2.597663	1.316341	5.080686
#3	.2535222	2.569310	25.39223	1.039232	2.627802	1.332400	5.184791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.516165	24.66136	2.642043	1.248114	25.10932	2.535769	2.648705
Stddev	.016095	.14331	.023229	.008085	.11398	.011395	.008739
%RSD	.6396492	.5811170	.8792096	.6478051	.4539470	.4493875	.3299186

#1	2.509550	24.60491	2.620912	1.240275	25.05793	2.546197	2.650381
#2	2.504432	24.55487	2.638302	1.247640	25.23995	2.523606	2.639249
#3	2.534513	24.82430	2.666916	1.256425	25.03008	2.537505	2.656483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.25508	5.389099	5.009597	5.109031	5.148883	4.995722	5.205971
Stddev	.16744	.047739	.021601	.043125	.050050	.018750	.047611
%RSD	.6377473	.8858496	.4312011	.8440987	.9720643	.3753266	.9145390

#1	26.13533	5.352978	4.987582	5.080153	5.104846	4.985227	5.165434
#2	26.18350	5.371097	5.010449	5.088337	5.138488	4.984570	5.194079
#3	26.44642	5.443222	5.030759	5.158603	5.203315	5.017370	5.258401

Sample Name: CCV02 Acquired: 01/16/2019 14:31:43 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14465 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.093563	5.104901	5.095487
Stddev	.009345	.015780	.013029
%RSD	.1834595	.3091127	.2557057

#1	5.088818	5.092549	5.081223
#2	5.087544	5.099476	5.098475
#3	5.104328	5.122678	5.106762

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2404.330	2570.437	53693.22	5609.159	3946.223
Stddev	8.280	17.456	252.89	16.588	28.268
%RSD	.3443986	.6791153	.4709875	.2957367	.7163184

#1	2399.542	2581.766	53868.70	5608.538	3970.136
#2	2413.891	2579.211	53807.61	5626.049	3953.506
#3	2399.556	2550.334	53403.35	5592.890	3915.027

Sample Name: CCB02 Acquired: 01/16/2019 14:35:14 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB14465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004875	-.000234	.0010152	.0011717	-.000183	.0058561	-.000921
Stddev	.0014923	.001076	.0013384	.0021206	.000439	.0107320	.000188
%RSD	306.1302	460.6565	131.8429	180.9914	240.5236	183.2604	20.37124

#1	.0000413	.001007	.0024958	-.001206	.000094	.0179184	-.001048
#2	-.000731	-.000792	.0006584	.002869	.000047	.0022852	-.001009
#3	.002152	-.000915	-.000109	.001852	-.000689	-.002635	-.000705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0000082	.0104748	.0001683	.0001313	.0024523	.0104729
Stddev	.000021	.0000730	.0104577	.0002213	.0002922	.0018706	.0057489
%RSD	113.2586	895.0084	99.83666	131.4725	222.5628	76.27833	54.89344

#1	-.000043	-.000036	-.001353	-.000074	-.000198	.0012949	.0162281
#2	-.000012	.000092	.018497	.000360	.000233	.0046104	.0104603
#3	-.000002	-.000032	.014280	.000219	.000359	.0014517	.0047303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004641	.0156864	-.000318	.0010991	.0883480	.0019236	-.000452
Stddev	.0008650	.0420698	.000214	.0000834	.1132914	.0068115	.000180
%RSD	186.3746	268.1919	67.28219	7.586814	128.2331	354.0918	39.82638

#1	.0011791	.0177052	-.000132	.0011052	.0460849	.0097573	-.000282
#2	-.000497	.0567105	-.000270	.0011793	.0022634	-.001384	-.000640
#3	.000711	-.027356	-.000552	.0010129	.2166958	-.002603	-.000433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874331	.0015907	.0061352	-.000073	.0017531	.0021723	.0001380
Stddev	.0251364	.0022777	.0001151	.000074	.0009816	.0005613	.0000565
%RSD	28.74929	143.1881	1.876415	100.5854	55.99402	25.83728	40.91635

#1	.1163412	.0038051	.0062077	-.000159	.0027632	.0027570	.0000818
#2	.0752333	.0017124	.0060025	-.000032	.0016936	.0016379	.0001947
#3	.0707249	-.000745	.0061955	-.000029	.0008026	.0021221	.0001376

Sample Name: CCB02 Acquired: 01/16/2019 14:35:14 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB14465 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001011	-.000362	.0000117
Stddev	.000652	.001354	.0000522
%RSD	64.54259	373.7496	446.7431

#1	-.001681	-.001860	-.000048
#2	-.000975	.000777	.000050
#3	-.000377	-.000004	.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.478	2669.241	53916.52	5646.242	4143.760
Stddev	7.452	1.477	345.86	27.597	4.949
%RSD	.3043413	.0553175	.6414794	.4887667	.1194292

#1	2446.814	2668.285	53864.19	5644.650	4141.386
#2	2441.998	2670.941	53599.81	5619.475	4149.448
#3	2456.620	2668.496	54285.57	5674.600	4140.445

Sample Name: K1139-03 Acquired: 01/16/2019 14:39:07 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7343347	-.004225	1.169585	-.018605	.0062009	54.77198	.9036348
Stddev	.0215952	.000586	.044453	.002518	.0017154	.33285	.0029679
%RSD	2.940784	13.86602	3.800722	13.53405	27.66410	.6077006	.3284417

#1	.7155863	-.004891	1.132039	-.016571	.0056710	54.39552	.9003544
#2	.7294709	-.003997	1.158045	-.017823	.0048130	54.89312	.9044160
#3	.7579471	-.003788	1.218669	-.021422	.0081188	55.02729	.9061340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088395	.0098365	16.43359	.4881082	.0922113	1.034377	360.5141
Stddev	.0000523	.0007267	.08594	.0002459	.0036497	.007247	1.9467
%RSD	.5916692	7.387257	.5229476	.0503792	3.957974	.7006318	.5399804

#1	.0087856	.0093250	16.34954	.4878458	.0888885	1.029113	358.2967
#2	.0088428	.0095162	16.42994	.4883333	.0916277	1.042643	361.9421
#3	.0088901	.0106682	16.52130	.4881455	.0961176	1.031374	361.3037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.826814	17.59445	.2315859	-.018081	15.11081	.5596640	1.295943
Stddev	.011230	.04548	.0082384	.000196	.17416	.0032809	.008021
%RSD	.6147325	.2584633	3.557397	1.086021	1.152560	.5862324	.6189205

#1	1.814836	17.54519	.2242818	-.018271	15.26275	.5610584	1.303602
#2	1.828499	17.63484	.2299597	-.017879	14.92074	.5559162	1.287604
#3	1.837106	17.60330	.2405161	-.018091	15.14892	.5620175	1.296623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81611	8.445370	-.616905	.0287042	80.11082	.7730027	.4404615
Stddev	.06989	.315116	.005419	.0010761	2.94875	.0096173	.0151076
%RSD	.4418928	3.731224	.8784700	3.748846	3.680844	1.244141	3.429937

#1	15.73612	8.155350	-.610896	.0277106	77.40393	.7627120	.4273684
#2	15.86533	8.400078	-.618397	.0285550	79.67548	.7817629	.4370247
#3	15.84689	8.780680	-.621422	.0298471	83.25304	.7745332	.4569913

Sample Name: K1139-03 Acquired: 01/16/2019 14:39:07 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.416377	.0919329	.8106815
Stddev	.014597	.0011730	.0020472
%RSD	.6040734	1.275881	.2525219

#1	2.399802	.0906633	.8093595
#2	2.422015	.0921591	.8130395
#3	2.427313	.0929763	.8096454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.912	2962.139	62930.26	6568.898	4121.708
Stddev	19.865	81.211	341.56	33.158	132.040
%RSD	.7125252	2.741645	.5427549	.5047732	3.203536

#1	2765.538	3037.605	62540.02	6587.659	4241.753
#2	2803.475	2972.614	63075.92	6530.613	4143.089
#3	2794.723	2876.199	63174.83	6588.421	3980.282

Sample Name: K1139-05 Acquired: 01/16/2019 14:42:48 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2775827	-.021119	.3415617	-.045349	.0085619	134.6848	.6847211
Stddev	.0030345	.002568	.0037867	.003009	.0006782	.7093	.0009329
%RSD	1.093188	12.16178	1.108640	6.634620	7.920638	.5266029	.1362435

#1	.2743018	-.023208	.3397222	-.047716	.0079089	134.1221	.6845636
#2	.2802885	-.018251	.3390462	-.041963	.0092627	135.4815	.6857228
#3	.2781579	-.021898	.3459167	-.046369	.0085141	134.4507	.6838770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142741	.0101852	32.39901	.2257803	.2218106	.3551328	367.5073
Stddev	.0001463	.0001477	.27684	.0009324	.0012266	.0050830	3.1573
%RSD	1.024903	1.449708	.8544651	.4129840	.5529890	1.431285	.8591002

#1	.0141070	.0103139	32.12976	.2263394	.2209440	.3515905	364.9636
#2	.0143359	.0100240	32.68286	.2247039	.2212737	.3609567	371.0409
#3	.0143793	.0102176	32.38442	.2262976	.2232141	.3528510	366.5175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.79050	50.29798	.3683582	-.022282	6.810246	.3168357	.8495447
Stddev	.12659	.36755	.0028111	.000308	.083813	.0040702	.0029007
%RSD	.9897077	.7307460	.7631429	1.382209	1.230692	1.284637	.3414437

#1	12.67754	49.98968	.3667736	-.022138	6.734299	.3163253	.8469807
#2	12.92732	50.70473	.3666972	-.022072	6.796270	.3211371	.8489602
#3	12.76664	50.19954	.3716039	-.022635	6.900168	.3130448	.8526931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.46282	8.423989	-.582425	.0107607	75.19380	.9338763	.0375048
Stddev	.15034	.066085	.003493	.0000875	.47530	.0097121	.0012369
%RSD	.8142942	.7844863	.5997132	.8132622	.6320972	1.039976	3.297866

#1	18.28933	8.394104	-.579458	.0108185	74.97787	.9228475	.0388104
#2	18.55490	8.378126	-.581541	.0106600	74.86479	.9411509	.0373532
#3	18.54423	8.499738	-.586274	.0108035	75.73873	.9376306	.0363506

Sample Name: K1139-05 Acquired: 01/16/2019 14:42:48 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.445761	.2864144	.3630176
Stddev	.006328	.0006482	.0004830
%RSD	.4376602	.2263109	.1330446

#1	1.442219	.2856824	.3625316
#2	1.453067	.2869153	.3634975
#3	1.441999	.2866457	.3630236

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.454	3474.233	72900.65	7726.736	3933.932
Stddev	15.277	3.956	266.40	42.917	14.383
%RSD	.4749664	.1138665	.3654352	.5554294	.3656217

#1	3205.147	3469.968	72676.37	7776.291	3935.517
#2	3233.833	3477.782	73195.12	7701.697	3947.458
#3	3210.381	3474.950	72830.46	7702.221	3918.822

Sample Name: K1139-07 Acquired: 01/16/2019 14:46:27 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5275223	-.003612	6.754385	-.046947	.0091472	135.5664	1.716355
Stddev	.0056062	.002437	.122767	.001291	.0002069	.9602	.006946
%RSD	1.062738	67.47590	1.817586	2.748902	2.262344	.7082802	.4046701

#1	.5211315	-.000932	6.612945	-.045532	.0093616	135.0632	1.713620
#2	.5316109	-.004208	6.833329	-.047250	.0089487	134.9623	1.711193
#3	.5298244	-.005696	6.816881	-.048060	.0091314	136.6736	1.724251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129465	.0195418	43.96325	.7332372	.1925306	6.903098	380.9533
Stddev	.0001748	.0006264	.44850	.0020506	.0037026	.019773	2.2595
%RSD	1.350400	3.205149	1.020164	.2796689	1.923122	.2864420	.5931266

#1	.0127450	.0188466	43.75387	.7309020	.1882555	6.883831	379.5356
#2	.0130380	.0200620	43.65773	.7340655	.1947122	6.902123	379.7652
#3	.0130567	.0197170	44.47815	.7347441	.1946242	6.923341	383.5590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.320599	44.66510	.5232139	-.015317	5.228553	1.029996	3.675778
Stddev	.038161	.33175	.0104097	.000332	.063246	.007073	.011029
%RSD	.8832287	.7427436	1.989563	2.166472	1.209629	.6867109	.3000428

#1	4.292687	44.60484	.5112987	-.015300	5.239982	1.028541	3.663367
#2	4.305026	44.36762	.5305435	-.014994	5.285305	1.023764	3.679514
#3	4.364083	45.02286	.5277996	-.015657	5.160372	1.037684	3.684454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.71043	10.86261	-.636010	.0273945	22.88061	1.181622	.7920552
Stddev	.08116	.21847	.007122	.0006818	.42111	.010018	.0170137
%RSD	.4856933	2.011225	1.119719	2.488780	1.840460	.8478133	2.148043

#1	16.63348	10.61301	-.628504	.0266906	22.39513	1.171180	.7724817
#2	16.70258	11.01913	-.642672	.0274410	23.14715	1.182532	.8032992
#3	16.79523	10.95567	-.636855	.0280518	23.09954	1.191154	.8003848

Sample Name: K1139-07 Acquired: 01/16/2019 14:46:27 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.115641	.2565928	.5740469
Stddev	.012575	.0020624	.0003189
%RSD	.5944041	.8037450	.0555589

#1	2.113212	.2567764	.5736952
#2	2.104457	.2544448	.5743173
#3	2.129254	.2585572	.5741282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.643	3049.600	65114.28	6948.007	3859.764
Stddev	2.161	32.712	125.31	35.526	62.686
%RSD	.0751726	1.072649	.1924395	.5113178	1.624086

#1	2873.804	3087.237	65042.97	6965.076	3931.755
#2	2877.097	3028.017	65258.96	6971.778	3817.247
#3	2873.027	3033.546	65040.90	6907.168	3830.290

Sample Name: K1139-09 Acquired: 01/16/2019 14:50:06 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4801754	-.001937	7.366123	-.011864	.0159398	55.43095	1.685693
Stddev	.0023678	.000955	.032914	.001385	.0015350	.09552	.001753
%RSD	.4931176	49.30693	.4468332	11.67780	9.630219	.1723198	.1039668

#1	.4800296	-.001654	7.345322	-.013463	.0157259	55.39536	1.683674
#2	.4778838	-.003002	7.348976	-.011097	.0145229	55.53916	1.686821
#3	.4826127	-.001156	7.404070	-.011031	.0175705	55.35834	1.686584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099826	.0177117	20.50511	.2445513	.1381015	3.825718	258.4889
Stddev	.0000664	.0001765	.08163	.0003966	.0005770	.004588	.6245
%RSD	.6652519	.9965003	.3981167	.1621836	.4178276	.1199247	.2415866

#1	.0099096	.0176263	20.45040	.2446066	.1381556	3.830352	258.1533
#2	.0100393	.0175942	20.59895	.2441299	.1374993	3.821177	259.2094
#3	.0099989	.0179147	20.46600	.2449173	.1386495	3.825625	258.1040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.762469	8.344569	.2697421	-.011137	2.489157	.4624634	3.562220
Stddev	.012081	.022753	.0015659	.000255	.174135	.0033243	.018050
%RSD	.6854511	.2726656	.5805214	2.294031	6.995758	.7188210	.5067013

#1	1.751541	8.364149	.2703117	-.010917	2.294746	.4633827	3.541887
#2	1.775442	8.319608	.2679711	-.011077	2.541904	.4587761	3.576351
#3	1.760424	8.349950	.2709435	-.011418	2.630820	.4652312	3.568423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.107201	4.745890	-.408573	.0463920	16.88023	3.509642	.7855573
Stddev	.022344	.016909	.005251	.0002915	.04712	.075170	.0040967
%RSD	.4374939	.3562959	1.285251	.6284367	.2791423	2.141807	.5214960

#1	5.132788	4.730824	-.413281	.0461622	16.85731	3.542017	.7841504
#2	5.091543	4.742666	-.402909	.0462938	16.84896	3.423709	.7823495
#3	5.097272	4.764179	-.409528	.0467200	16.93443	3.563199	.7901721

Sample Name: K1139-09 Acquired: 01/16/2019 14:50:06 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.357060	.0646121	.4901608
Stddev	.005177	.0002699	.0009455
%RSD	.2196548	.4177520	.1929036

#1	2.351297	.0648282	.4898730
#2	2.358563	.0646987	.4893926
#3	2.361319	.0643095	.4912168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.920	2903.940	60101.54	6386.478	4148.597
Stddev	16.232	9.164	244.24	17.087	15.637
%RSD	.6109189	.3155835	.4063793	.2675490	.3769120

#1	2675.489	2909.639	60353.40	6367.306	4149.823
#2	2645.430	2908.812	60085.51	6400.100	4163.584
#3	2649.841	2893.369	59865.71	6392.027	4132.383

Sample Name: K1139-11 Acquired: 01/16/2019 14:53:47 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6943450	-.123664	5.092039	-.195170	.1590067	200.5925
Stddev	.0016231	.005142	.026145	.000836	.0025258	.5843
%RSD	.2337626	4.157650	.5134487	.4284706	1.588460	.2912980

#1	.6945605	-.120549	5.075967	-.194789	.1574810	199.9802
#2	.6926249	-.120845	5.077944	-.194592	.1576169	200.6530
#3	.6958496	-.129599	5.122207	-.196129	.1619221	201.1442

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.56279	.0186009	.0791366	131.9172	1.908801	1.640084
Stddev	.03544	.0001951	.0014607	.1692	.006508	.010750
%RSD	.3355008	1.048632	1.845728	.1282551	.3409454	.6554377

#1	10.52282	.0184193	.0776306	131.7245	1.902923	1.629735
#2	10.57515	.0185762	.0792318	131.9858	1.907686	1.639323
#3	10.59038	.0188071	.0805473	132.0413	1.915795	1.651194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.56127	F 1400.478	4.657011	76.13201	1.121945	-.092613
Stddev	.06114	3.945	.012972	.27921	.006725	.000190
%RSD	.2709910	.2816997	.2785524	.3667502	.5994235	.2054157

#1	22.50530	1399.261	4.659935	75.86795	1.116643	-.092444
#2	22.55199	1397.284	4.642827	76.10384	1.119684	-.092819
#3	22.62652	1404.888	4.668272	76.42424	1.129510	-.092578

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.12290	.5242343	24.15031	25.88827	10.59693	^ *****
Stddev	.17136	.0022705	.14089	.15212	.08640	-----
%RSD	1.540564	.4331065	.5833836	.5876051	.8153451	-----

#1	10.94877	.5241925	24.17037	25.81578	10.51874	^ -----
#2	11.29134	.5265255	24.28010	26.06308	10.58236	^ -----
#3	11.12859	.5219851	24.00047	25.78595	10.68969	^ -----

Sample Name: K1139-11 Acquired: 01/16/2019 14:53:47 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1557109	52.32473	.9918111	1.603446	3.885731	.2047596
Stddev	.0014829	.26444	.0094848	.011581	.008450	.0009865
%RSD	.9523276	.5053777	.9563153	.7222609	.2174605	.4817833

#1	.1544946	52.18798	.9809920	1.593195	3.876441	.2040687
#2	.1552752	52.15666	.9986947	1.601135	3.892958	.2043207
#3	.1573628	52.62954	.9957464	1.616009	3.887796	.2058894

Elem	Sr4077
Units	ppm
Avg	1.022704
Stddev	.002721
%RSD	.2660999

#1	1.021210
#2	1.025845
#3	1.021057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.189	2888.450	63054.41	6708.221	3603.047
Stddev	20.598	9.376	191.57	37.447	15.630
%RSD	.7631049	.3246111	.3038095	.5582259	.4338019

#1	2683.411	2895.826	62869.61	6748.128	3618.189
#2	2691.665	2891.625	63041.53	6673.851	3603.980
#3	2722.491	2877.899	63252.09	6702.682	3586.971

Sample Name: K1139-13 Acquired: 01/16/2019 14:57:21 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6638871	-.009432	2.264819	-.008653	.0215180	41.01964	1.179251
Stddev	.0021450	.001285	.024219	.000966	.0017267	.31388	.002140
%RSD	.3230990	13.62283	1.069374	11.16210	8.024474	.7651908	.1814669

#1	.6622294	-.009599	2.243266	-.008806	.0230659	40.77937	1.177202
#2	.6631222	-.010625	2.260162	-.009533	.0218323	40.90477	1.179081
#3	.6663097	-.008071	2.291029	-.007619	.0196557	41.37477	1.181471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077975	.0130707	13.77503	.0905703	.0595310	2.439834	304.2198
Stddev	.0000836	.0002181	.18685	.0005067	.0009412	.009801	1.9170
%RSD	1.072360	1.668496	1.356453	.5594677	1.581047	.4017048	.6301415

#1	.0078933	.0128407	13.67433	.0900126	.0587759	2.435360	303.0319
#2	.0077601	.0132744	13.66013	.0906958	.0592318	2.433069	303.1962
#3	.0077391	.0130971	13.99063	.0910024	.0605855	2.451074	306.4314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6843170	5.320503	.1226599	-.016536	7.113147	.2577546	2.455964
Stddev	.0092602	.026578	.0007949	.000303	.107249	.0057344	.004604
%RSD	1.353201	.4995352	.6480679	1.829724	1.507751	2.224746	.1874495

#1	.6764430	5.295916	.1220169	-.016729	7.191852	.2591881	2.457365
#2	.6819888	5.348702	.1224141	-.016188	6.990991	.2514395	2.450823
#3	.6945191	5.316891	.1235487	-.016693	7.156598	.2626363	2.459706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.793171	5.523210	-.497161	.0342164	43.96549	1.417175	.1767082
Stddev	.021326	.049568	.004519	.0002208	.41218	.012296	.0024917
%RSD	.2177669	.8974418	.9090006	.6452299	.9374974	.8676554	1.410090

#1	9.803030	5.476244	-.492155	.0339732	43.57304	1.406287	.1746312
#2	9.768698	5.518362	-.498385	.0344042	43.92853	1.414727	.1760222
#3	9.807783	5.575023	-.500941	.0342719	44.39490	1.430511	.1794710

Sample Name: K1139-13 Acquired: 01/16/2019 14:57:21 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.065646	.0439553	.7918452
Stddev	.011874	.0018460	.0015348
%RSD	.5748125	4.199618	.1938286

#1	2.053990	.0418439	.7907548
#2	2.065222	.0447577	.7911805
#3	2.077726	.0452642	.7936003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.827	2787.276	57735.89	6162.924	4109.832
Stddev	3.702	13.990	178.98	25.062	26.551
%RSD	.1439501	.5019365	.3099918	.4066648	.6460305

#1	2576.064	2794.235	57838.23	6189.124	4131.857
#2	2569.217	2796.423	57840.22	6160.468	4117.288
#3	2570.200	2771.171	57529.23	6139.180	4080.350

Sample Name: K1139-15 Acquired: 01/16/2019 15:01:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.657093	.0002325	1.174610	-.032493	.0257411	51.42528	.9892813
Stddev	.013825	.0005841	.001809	.004497	.0009522	.08541	.0002313
%RSD	.5203030	251.2111	.1539850	13.84125	3.699161	.1660834	.0233827

#1	2.670912	-.000247	1.176650	-.029553	.0255069	51.49672	.9895473
#2	2.657104	.000883	1.173978	-.030256	.0249278	51.44844	.9891697
#3	2.643262	.000062	1.173202	-.037671	.0267885	51.33068	.9891270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145149	.0861353	29.02985	.2893481	.0846190	1.924764	607.1113
Stddev	.0000967	.0000317	.13602	.0002420	.0006133	.002689	1.0941
%RSD	.6659621	.0368279	.4685414	.0836430	.7247484	.1397134	.1802196

#1	.0144057	.0861663	29.02864	.2896275	.0850074	1.921698	607.2600
#2	.0145894	.0861029	29.16647	.2892012	.0849376	1.925874	608.1235
#3	.0145496	.0861366	28.89445	.2892158	.0839120	1.926721	605.9505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8575290	4.261554	.1881396	-.034217	17.25513	.4201959	8.783287
Stddev	.0065824	.016208	.0007934	.000566	.07047	.0035777	.036813
%RSD	.7676036	.3803243	.4217039	1.653971	.4083815	.8514374	.4191282

#1	.8585191	4.277467	.1889857	-.034587	17.32243	.4240412	8.743220
#2	.8635602	4.262130	.1874123	-.033566	17.26108	.4169656	8.791024
#3	.8505076	4.245067	.1880209	-.034499	17.18188	.4195808	8.815616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80106	21.16936	-1.04539	.1196758	101.6438	2.703721	.0904810
Stddev	.01999	.05310	.00770	.0002070	.1804	.001792	.0016350
%RSD	.1350899	.2508569	.7367409	.1729836	.1774552	.0662678	1.807042

#1	14.82415	21.12791	-1.04567	.1198031	101.8393	2.703353	.0907023
#2	14.78943	21.22922	-1.05295	.1197874	101.4839	2.702142	.0919941
#3	14.78961	21.15095	-1.03755	.1194369	101.6081	2.705669	.0887466

Sample Name: K1139-15 Acquired: 01/16/2019 15:01:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.546323	.0407665	2.287567
Stddev	.004974	.0007404	.009481
%RSD	.1402452	1.816193	.4144617

#1	3.546073	.0400138	2.282190
#2	3.541479	.0407919	2.281997
#3	3.551416	.0414939	2.298514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.241	2793.076	58581.79	6211.586	3977.987
Stddev	9.379	1.358	91.50	11.259	7.239
%RSD	.3652032	.0486270	.1561874	.1812581	.1819719

#1	2577.284	2792.392	58575.01	6221.521	3974.201
#2	2568.882	2792.195	58676.48	6213.880	3973.426
#3	2558.558	2794.640	58493.86	6199.356	3986.334

Sample Name: K1139-17 Acquired: 01/16/2019 15:04:40 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4456167	.0016632	.9356406	.0053252	.0104933	53.40813	1.065061
Stddev	.0066847	.0008615	.0042425	.0028874	.0013986	1.75045	.034819
%RSD	1.500089	51.79519	.4534301	54.22108	13.32876	3.277497	3.269235

#1	.4466948	.0025668	.9315092	.0079578	.0088808	54.97059	1.092939
#2	.4384586	.0015717	.9354266	.0022372	.0112222	53.73736	1.076213
#3	.4516969	.0008512	.9399860	.0057805	.0113769	51.51644	1.026032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087836	.0178866	34.52389	.0968942	.0573140	.6217404	187.2885
Stddev	.0002014	.0001371	1.10146	.0004306	.0005445	.0204626	5.6857
%RSD	2.292717	.7663936	3.190430	.4444162	.9500870	3.291187	3.035774

#1	.0089135	.0177342	35.58301	.0964008	.0566853	.6370085	192.6454
#2	.0088856	.0179260	34.60420	.0971943	.0576368	.6297232	187.8971
#3	.0085516	.0179997	33.38448	.0970873	.0576200	.5984896	181.3230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6097150	4.571619	.1372605	-.008783	5.987961	.3056467	1.943410
Stddev	.0214867	.168375	.0001782	.000244	.073068	.0059568	.003040
%RSD	3.524054	3.683051	.1298438	2.781203	1.220246	1.948914	.1564302

#1	.6303485	4.761261	.1371596	-.008630	6.012817	.3120403	1.946344
#2	.6113302	4.513906	.1371557	-.008653	5.905708	.3046465	1.943612
#3	.5874663	4.439689	.1374663	-.009064	6.045359	.3002534	1.940274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.953304	4.902893	-.234660	.0341974	27.39416	3.260094	.0518716
Stddev	.187726	.012396	.005496	.0002776	.09823	.083626	.0007174
%RSD	3.153308	.2528252	2.342276	.8117890	.3585811	2.565150	1.383020

#1	6.080892	4.891752	-.237417	.0340811	27.31067	3.332694	.0517346
#2	6.041274	4.900682	-.238232	.0339969	27.36943	3.278933	.0526476
#3	5.737747	4.916246	-.228331	.0345143	27.50240	3.168655	.0512326

Sample Name: K1139-17 Acquired: 01/16/2019 15:04:40 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.566869	.0370571	.8983971
Stddev	.083239	.0012661	.0267979
%RSD	3.242838	3.416652	2.982861

#1	2.643479	.0378749	.9163797
#2	2.578834	.0376978	.9112141
#3	2.478295	.0355987	.8675976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.448	2983.565	61332.03	6262.487	4310.589
Stddev	10.346	10.226	236.69	167.431	14.162
%RSD	.3782288	.3427282	.3859145	2.673550	.3285412

#1	2734.316	2993.906	61454.79	6126.724	4326.783
#2	2725.714	2983.330	61059.18	6211.165	4304.459
#3	2746.313	2973.459	61482.11	6449.572	4300.524

Sample Name: K1139-17DUP Acquired: 01/16/2019 15:08:21 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4759331	.0022320	.9880991	.0057146	.0121719	54.52901	1.110316
Stddev	.0048727	.0018560	.0077884	.0030308	.0006640	.12745	.001815
%RSD	1.023825	83.15332	.7882176	53.03558	5.454950	.2337328	.1635053

#1	.4713436	.0013169	.9794234	.0024218	.0114232	54.51757	1.108621
#2	.4754088	.0043679	.9903854	.0063344	.0124035	54.40766	1.110096
#3	.4810467	.0010113	.9944884	.0083874	.0126891	54.66179	1.112232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091252	.0203857	34.58337	.1012151	.0635352	.6365515	191.4996
Stddev	.0000777	.0002290	.16281	.0001852	.0004870	.0032595	.5167
%RSD	.8510643	1.123121	.4707898	.1829242	.7664911	.5120559	.2698063

#1	.0091134	.0201833	34.57289	.1011810	.0633478	.6327974	191.6108
#2	.0092081	.0203394	34.42604	.1014150	.0631698	.6381949	190.9364
#3	.0090542	.0206342	34.75117	.1010494	.0640881	.6386621	191.9516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6480969	4.881534	.1489982	-.009052	6.083819	.3103877	2.084852
Stddev	.0028690	.121428	.0008914	.000356	.066084	.0098307	.001855
%RSD	.4426747	2.487491	.5982805	3.928205	1.086230	3.167249	.0889520

#1	.6490021	4.838897	.1484072	-.008951	6.007592	.3077224	2.083954
#2	.6448846	5.018530	.1485639	-.008758	6.118909	.3212763	2.086985
#3	.6504041	4.787175	.1500236	-.009447	6.124957	.3021644	2.083617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.243181	5.281782	-.256198	.0365054	29.46443	3.327548	.0552655
Stddev	.080692	.039188	.003697	.0001780	.15492	.012929	.0009121
%RSD	1.292489	.7419499	1.443056	.4875091	.5257844	.3885576	1.650378

#1	6.157702	5.245953	-.259560	.0362999	29.35032	3.339974	.0553536
#2	6.253808	5.275761	-.252239	.0366064	29.40218	3.328502	.0561303
#3	6.318033	5.323633	-.256794	.0366099	29.64079	3.314168	.0543125

Sample Name: K1139-17DUP Acquired: 01/16/2019 15:08:21 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9DUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.670474	.0384892	.9229064
Stddev	.014570	.0019577	.0022252
%RSD	.5456060	5.086286	.2411096

#1	2.664949	.0365120	.9251305
#2	2.659475	.0404267	.9206801
#3	2.686999	.0385289	.9229085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.127	2825.532	58481.35	6160.836	4077.667
Stddev	7.112	9.050	23.58	17.621	19.158
%RSD	.2716447	.3203097	.0403126	.2860219	.4698222

#1	2625.823	2829.977	58501.45	6144.154	4090.773
#2	2616.763	2831.500	58487.20	6179.267	4086.547
#3	2611.796	2815.118	58455.40	6159.089	4055.680

Sample Name: K1139-17LX5 Acquired: 01/16/2019 15:12:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998610	.0002668	.1966119	.0027862	.0011567	11.26121	.2283884
Stddev	.0052621	.0017821	.0024478	.0009640	.0004874	.07334	.0012250
%RSD	5.269410	667.8928	1.244970	34.59878	42.13322	.6512668	.5363589

#1	.0938390	-.000106	.1938278	.0020440	.0014964	11.18286	.2269805
#2	.1021713	-.001299	.1975816	.0038757	.0005983	11.27257	.2289748
#3	.1035727	.002206	.1984262	.0024390	.0013754	11.32821	.2292100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018778	.0039627	7.222192	.0214450	.0123803	.1328061	40.15357
Stddev	.0000498	.0000602	.068997	.0005353	.0000794	.0039177	.20042
%RSD	2.649164	1.518271	.9553419	2.496368	.6410830	2.949969	.4991342

#1	.0018352	.0039674	7.143141	.0218261	.0124669	.1335375	39.98288
#2	.0019325	.0039003	7.253130	.0216760	.0123110	.1363066	40.10359
#3	.0018658	.0040204	7.270305	.0208330	.0123631	.1285742	40.37426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1315711	1.034819	.0289339	-.001445	1.350310	.0652231	.4519060
Stddev	.0018270	.036539	.0002948	.000234	.086437	.0041539	.0039289
%RSD	1.388634	3.530934	1.018973	16.22721	6.401239	6.368699	.8694087

#1	.1294975	1.027190	.0287240	-.001208	1.386563	.0698921	.4521974
#2	.1322711	1.074570	.0288067	-.001677	1.412716	.0638396	.4478396
#3	.1329446	1.002698	.0292710	-.001449	1.251650	.0619374	.4556812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.262890	1.057643	-.050386	.0072692	5.940561	.6952778	.0091206
Stddev	.013883	.007609	.001118	.0000265	.029686	.0087566	.0002194
%RSD	1.099278	.7194243	2.219806	.3640288	.4997233	1.259434	2.405476

#1	1.260382	1.050768	-.049813	.0072643	5.911183	.6861250	.0088683
#2	1.250432	1.056342	-.051675	.0072456	5.939952	.7035754	.0092273
#3	1.277856	1.065818	-.049671	.0072978	5.970547	.6961332	.0092663

Sample Name: K1139-17LX5 Acquired: 01/16/2019 15:12:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5496502	.0057729	.1926444
Stddev	.0055889	.0019814	.0003522
%RSD	1.016810	34.32226	.1828156

#1	.5438615	.0043884	.1924691
#2	.5500738	.0080426	.1930498
#3	.5550152	.0048877	.1924142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.474	2726.398	55344.90	5846.075	4162.886
Stddev	21.980	8.709	180.71	41.505	15.317
%RSD	.8772937	.3194184	.3265112	.7099680	.3679309

#1	2494.247	2734.799	55149.73	5893.150	4177.987
#2	2530.801	2726.984	55506.42	5814.750	4163.308
#3	2491.375	2717.412	55378.55	5830.325	4147.363

Sample Name: CCV03 Acquired: 01/16/2019 15:15:49 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB7878 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.783007	4.925649	4.784272	4.702413	4.891437	9.449930	9.793650
Stddev	.040556	.035811	.033102	.047840	.027392	.031582	.027704
%RSD	.8479131	.7270354	.6919022	1.017354	.5599978	.3341989	.2828765

#1	4.758653	4.891093	4.756449	4.671150	4.873726	9.421065	9.767972
#2	4.760544	4.923258	4.775487	4.678602	4.877598	9.483663	9.823011
#3	4.829824	4.962596	4.820881	4.757486	4.922988	9.445061	9.789968

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2339071	2.319242	23.18191	.9556241	2.388470	1.228463	4.802845
Stddev	.0022873	.016350	.06845	.0053476	.016771	.007573	.043244
%RSD	.9778578	.7049683	.2952775	.5595910	.7021572	.6164677	.9003785

#1	.2323102	2.304462	23.12794	.9522776	2.373174	1.236005	4.835588
#2	.2365273	2.316460	23.25890	.9617915	2.385834	1.228526	4.819123
#3	.2328836	2.336805	23.15888	.9528032	2.406403	1.220859	4.753825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.323239	22.64689	2.432716	1.148378	23.19673	2.338151	2.469269
Stddev	.003110	.12313	.016226	.007503	.22924	.014709	.018932
%RSD	.1338808	.5436933	.6669727	.6533278	.9882363	.6290987	.7666978

#1	2.319957	22.51058	2.420367	1.140970	22.99446	2.325884	2.462785
#2	2.326143	22.68003	2.426687	1.155972	23.44574	2.334111	2.454431
#3	2.323617	22.75005	2.451092	1.148193	23.15000	2.354459	2.490591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.49630	4.983910	4.631166	4.653243	4.676534	4.640122	4.767151
Stddev	.05029	.019877	.042263	.032869	.041182	.039759	.034793
%RSD	.2052861	.3988233	.9125882	.7063701	.8806103	.8568492	.7298532

#1	24.51315	4.961779	4.603463	4.631050	4.630318	4.608880	4.732643
#2	24.53600	4.989706	4.679811	4.637675	4.689943	4.684876	4.766588
#3	24.43975	5.000244	4.610223	4.691003	4.709340	4.626612	4.802223

Sample Name: CCV03 Acquired: 01/16/2019 15:15:49 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB7878 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.703600	4.733755	4.680110
Stddev	.022174	.025708	.007169
%RSD	.4714307	.5430781	.1531750

#1	4.681301	4.705601	4.682639
#2	4.725647	4.755982	4.685671
#3	4.703852	4.739681	4.672019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.274	2647.946	54758.56	5720.266	4059.056
Stddev	24.788	9.905	38.59	29.050	11.385
%RSD	1.003028	.3740568	.0704677	.5078387	.2804768

#1	2461.929	2648.084	54788.59	5724.725	4065.907
#2	2499.375	2657.780	54715.04	5689.244	4065.346
#3	2452.516	2637.972	54772.04	5746.828	4045.914

Sample Name: CCB03 Acquired: 01/16/2019 15:19:19 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001950	-.000260	-.000134	.0013680	-.000829	-.005850	-.001123
Stddev	.000575	.000763	.001488	.0008832	.000344	.012091	.000550
%RSD	29.48398	293.7567	1114.872	64.55888	41.45122	206.6966	49.00401

#1	-.002338	.000151	-.001851	.0017454	-.001015	.007968	-.001003
#2	-.002222	-.001141	.000662	.0019999	-.000433	-.014491	-.001723
#3	-.001289	.000210	.000788	.0003589	-.001040	-.011027	-.000643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.000013	.0245921	-.000503	.0002088	.0004536	.0140051
Stddev	.000035	.000035	.0180913	.000359	.0000779	.0015032	.0090244
%RSD	59.37953	264.1771	73.56566	71.40612	37.28694	331.3949	64.43646

#1	-.000045	-.000015	.0411310	-.000589	.0002648	.0021888	.0098367
#2	-.000097	.000023	.0052707	-.000109	.0002417	-.000452	.0243603
#3	-.000032	-.000047	.0273746	-.000812	.0001199	-.000376	.0078184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000734	.0517657	-.000135	.0009147	.1255544	.0015255	.0004235
Stddev	.000493	.0296062	.000099	.0001981	.0556923	.0070826	.0001910
%RSD	67.18585	57.19266	72.92151	21.66053	44.35714	464.2757	45.09494

#1	-.000326	.0175999	-.000040	.0008197	.1379522	.0045392	.0005152
#2	-.000594	.0678249	-.000237	.0011425	.0647079	-.006566	.0005512
#3	-.001282	.0698722	-.000130	.0007820	.1740031	.006603	.0002040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861556	-.000080	.0058856	-.000096	.0005554	.0035150	-.001008
Stddev	.0421017	.001878	.0007051	.000167	.0021352	.0001620	.000530
%RSD	48.86700	2360.978	11.97948	174.0788	384.4567	4.609207	52.56004

#1	.0429373	-.000421	.0065522	-.000264	.0024952	.0034071	-.001070
#2	.0884858	-.001763	.0059571	.000069	.0009035	.0034365	-.001505
#3	.1270438	.001946	.0051475	-.000092	-.001733	.0037013	-.000450

Sample Name: CCB03 Acquired: 01/16/2019 15:19:19 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001245	-.001722	-.000026
Stddev	.001482	.001277	.000043
%RSD	119.0484	74.14472	166.7687

#1	-.002097	-.001724	-.000045
#2	.000467	-.000444	.000023
#3	-.002105	-.002998	-.000056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.292	2848.692	55084.89	5664.917	4416.192
Stddev	18.358	42.859	434.20	42.055	65.076
%RSD	.7371928	1.504507	.7882435	.7423815	1.473581

#1	2471.784	2803.202	54588.02	5620.025	4345.126
#2	2508.497	2854.558	55275.26	5703.400	4430.582
#3	2490.596	2888.315	55391.39	5671.325	4472.870

Sample Name: K1139-17MS Acquired: 01/16/2019 15:23:12 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159059	1.895113	2.164176	1.553185	.2943139	66.78113	1.309809
Stddev	.007027	.011908	.021075	.010809	.0034939	.22969	.000525
%RSD	.6062606	.6283432	.9738288	.6959261	1.187143	.3439478	.0401041

#1	1.152349	1.885558	2.145254	1.547121	.2923555	66.56797	1.310261
#2	1.158464	1.891327	2.160385	1.546769	.2922384	66.75103	1.309933
#3	1.166365	1.908453	2.186890	1.565664	.2983478	67.02439	1.309233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1798581	.2093731	37.67633	.4735742	.2636568	.9611042	193.9493
Stddev	.0007572	.0018843	.25830	.0009512	.0032164	.0062165	.7186
%RSD	.4209737	.8999554	.6855706	.2008482	1.219900	.6468057	.3705266

#1	.1797955	.2077985	37.39912	.4743447	.2618270	.9668190	193.2189
#2	.1791342	.2088601	37.71964	.4725111	.2617729	.9620085	193.9735
#3	.1806446	.2114608	37.91024	.4738669	.2673706	.9544851	194.6555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8660456	7.479528	.6521214	.0582785	11.28509	.6084829	2.198373
Stddev	.0017544	.071216	.0062527	.0003411	.17890	.0027985	.012007
%RSD	.2025755	.9521437	.9588195	.5852733	1.585269	.4599182	.5461692

#1	.8640199	7.412025	.6483037	.0586657	11.40202	.6052597	2.209797
#2	.8670442	7.472606	.6487231	.0580224	11.07914	.6102943	2.185858
#3	.8670727	7.553952	.6593372	.0581476	11.37409	.6098948	2.199466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87102	11.12830	-.057263	.4000949	30.69269	4.120744	.7581850
Stddev	.04503	.08127	.002716	.0023455	.28723	.027491	.0084971
%RSD	.2837140	.7303317	4.743847	.5862346	.9358194	.6671270	1.120711

#1	15.82975	11.05611	-.057581	.3985557	30.47348	4.097561	.7510746
#2	15.86426	11.11245	-.059806	.3989346	30.58675	4.113557	.7558852
#3	15.91905	11.21632	-.054401	.4027944	31.01784	4.151115	.7675953

Sample Name: K1139-17MS Acquired: 01/16/2019 15:23:12 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.966288	.2316554	1.200381
Stddev	.007876	.0002645	.001334
%RSD	.2655021	.1141545	.1110981

#1	2.958055	.2314835	1.201118
#2	2.973749	.2315228	1.198842
#3	2.967062	.2319599	1.201184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.310	2865.311	59957.09	6286.547	4098.963
Stddev	12.071	8.546	142.43	28.732	23.705
%RSD	.4544273	.2982534	.2375479	.4570316	.5783241

#1	2645.825	2872.916	59819.50	6305.567	4120.247
#2	2669.506	2866.955	60103.90	6300.578	4103.228
#3	2653.599	2856.063	59947.87	6253.496	4073.415

Sample Name: K1139-17MSD Acquired: 01/16/2019 15:26:47 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182352	1.926199	2.202701	1.576494	.2996455	67.73166	1.330583
Stddev	.010788	.012233	.018645	.017004	.0017225	.14489	.000626
%RSD	.9124160	.6350612	.8464440	1.078618	.5748538	.2139231	.0470527

#1	1.172089	1.914555	2.186453	1.567518	.2979463	67.58263	1.329872
#2	1.181369	1.925098	2.198591	1.565858	.2995997	67.74029	1.331052
#3	1.193598	1.938945	2.223057	1.596105	.3013904	67.87204	1.330826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1828598	.2127777	38.10354	.4821281	.2687778	.9704937	196.7280
Stddev	.0001450	.0017555	.11332	.0012524	.0024809	.0012414	.6029
%RSD	.0792679	.8250588	.2973973	.2597586	.9230344	.1279169	.3064882

#1	.1827009	.2112168	37.97911	.4823549	.2672496	.9700941	196.0319
#2	.1829848	.2124379	38.20081	.4807779	.2674435	.9695013	197.0878
#3	.1828937	.2146782	38.13070	.4832516	.2716403	.9718857	197.0642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8760724	7.619548	.6642350	.0591705	11.63549	.6049487	2.243364
Stddev	.0010678	.103046	.0074755	.0007272	.10876	.0026521	.006304
%RSD	.1218881	1.352387	1.125427	1.229013	.9347492	.4384005	.2810074

#1	.8748736	7.500734	.6588269	.0586012	11.60858	.6033622	2.237030
#2	.8769215	7.684514	.6611126	.0599897	11.54272	.6080104	2.243425
#3	.8764220	7.673395	.6727654	.0589206	11.75519	.6034736	2.249637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.12640	11.32664	-.059694	.4070292	31.13987	4.237572	.7687054
Stddev	.05753	.09509	.003945	.0022324	.24970	.002012	.0076606
%RSD	.3567698	.8394814	6.609462	.5484518	.8018573	.0474760	.9965612

#1	16.06122	11.24504	-.059064	.4054433	30.98188	4.235257	.7623266
#2	16.14788	11.30383	-.063916	.4060622	31.01000	4.238901	.7665874
#3	16.17011	11.43106	-.056101	.4095820	31.42774	4.238558	.7772022

Sample Name: K1139-17MSD Acquired: 01/16/2019 15:26:47 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.008553	.2342817	1.216661
Stddev	.005093	.0013064	.003603
%RSD	.1692782	.5576171	.2961106

#1	3.003217	.2334121	1.214435
#2	3.009082	.2336490	1.214729
#3	3.013361	.2357839	1.220817

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.823	2829.534	59017.30	6199.456	4048.760
Stddev	12.180	12.548	249.90	27.132	24.720
%RSD	.4647230	.4434669	.4234435	.4376483	.6105449

#1	2632.149	2839.229	59144.85	6223.045	4068.516
#2	2622.380	2834.012	59177.68	6205.517	4056.724
#3	2607.940	2815.362	58729.35	6169.807	4021.041

Sample Name: K1139-17A Acquired: 01/16/2019 15:30:23 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA7878 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.189300	1.943654	2.218840	1.593415	.3028070	68.67761	1.347370
Stddev	.003810	.011767	.011498	.009216	.0009879	.34883	.003944
%RSD	.3203196	.6053843	.5181803	.5783520	.3262622	.5079237	.2927341

#1	1.185375	1.939518	2.210494	1.584249	.3036007	68.28216	1.342964
#2	1.189543	1.934513	2.214072	1.593318	.3017005	68.94163	1.350570
#3	1.192983	1.956930	2.231955	1.602679	.3031198	68.80905	1.348577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1833256	.2146398	38.51304	.4867406	.2706131	.9746120	199.3358
Stddev	.0009509	.0015320	.35122	.0010979	.0014508	.0095323	1.1214
%RSD	.5187137	.7137544	.9119381	.2255509	.5361187	.9780655	.5625792

#1	.1823719	.2138414	38.12058	.4869258	.2694441	.9651787	198.5755
#2	.1833311	.2136720	38.79778	.4855619	.2701583	.9842404	200.6237
#3	.1842737	.2164061	38.62077	.4877340	.2722368	.9744167	198.8082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8928754	7.794464	.6711326	.0595325	11.31500	.6186926	2.266808
Stddev	.0061984	.052189	.0031567	.0005442	.10939	.0052140	.011432
%RSD	.6942042	.6695681	.4703607	.9141978	.9667853	.8427385	.5043026

#1	.8859027	7.781846	.6697286	.0597352	11.44116	.6145449	2.254563
#2	.8977601	7.851806	.6689214	.0599462	11.25729	.6169873	2.277199
#3	.8949635	7.749741	.6747478	.0589159	11.24654	.6245457	2.268663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.28435	11.42006	-.055636	.4088588	31.51094	4.245043	.7772060
Stddev	.09643	.06851	.002234	.0026675	.14137	.025661	.0035038
%RSD	.5921737	.5998654	4.016128	.6524312	.4486316	.6044902	.4508178

#1	16.17334	11.38458	-.057484	.4069310	31.50962	4.215417	.7752855
#2	16.33230	11.37658	-.053153	.4077423	31.37025	4.260297	.7750824
#3	16.34741	11.49903	-.056272	.4119032	31.65297	4.259415	.7812502

Sample Name: K1139-17A Acquired: 01/16/2019 15:30:23 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA7878 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.049328	.2367205	1.229995
Stddev	.016432	.0016656	.002899
%RSD	.5388802	.7036148	.2357204

#1	3.033638	.2348288	1.231313
#2	3.066413	.2379668	1.226671
#3	3.047931	.2373659	1.232001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.070	2809.097	58315.33	6172.975	4007.544
Stddev	17.412	20.155	183.22	37.041	23.768
%RSD	.6733033	.7174782	.3141847	.6000541	.5930912

#1	2603.727	2825.296	58491.78	6215.746	4022.283
#2	2568.913	2815.467	58126.02	6151.288	4020.225
#3	2585.571	2786.526	58328.18	6151.893	3980.124

Sample Name: K1139-19 Acquired: 01/16/2019 15:33:59 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480599	-.006926	.1551813	-.032083	.0114527	159.2504
Stddev	.0036527	.001014	.0027607	.002771	.0011456	1.0322
%RSD	7.600370	14.63760	1.779022	8.637391	10.00323	.6481789

#1	.0522048	-.005919	.1520150	-.035195	.0124090	158.0599
#2	.0453114	-.006912	.1570845	-.029881	.0101830	159.7951
#3	.0466633	-.007947	.1564445	-.031175	.0117661	159.8962

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.324924	.0065683	.0102632	F 1624.239	.1298357	.0854678
Stddev	.007715	.0000576	.0001658	5.313	.0005032	.0004903
%RSD	.5823324	.8771415	1.615331	.3271197	.3875909	.5737084

#1	1.316020	.0065357	.0102751	1618.321	.1294303	.0854543
#2	1.329646	.0066349	.0100918	1625.797	.1296779	.0849843
#3	1.329105	.0065344	.0104227	1628.599	.1303990	.0859647

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8343320	211.8380	3.505940	87.93878	.1943496	-.013657
Stddev	.0080820	1.5523	.024025	.91039	.0011089	.000425
%RSD	.9686785	.7327867	.6852737	1.035259	.5705599	3.114895

#1	.8256211	210.0686	3.481886	87.10494	.1941121	-.013231
#2	.8357877	212.4743	3.505996	87.80131	.1933787	-.014082
#3	.8415872	212.9711	3.529936	88.91009	.1955580	-.013660

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.873006	.2353232	2.797018	7.394543	6.351468	-.037310
Stddev	.179496	.0061403	.007769	.041742	.046538	.003312
%RSD	2.279894	2.609296	.2777580	.5645013	.7327176	8.876647

#1	7.666766	.2302175	2.803599	7.347114	6.310016	-.037306
#2	7.958302	.2421365	2.799006	7.410823	6.342579	-.034000
#3	7.993950	.2336154	2.788448	7.425692	6.401810	-.040624

Sample Name: K1139-19 Acquired: 01/16/2019 15:33:59 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044324	43.27708	.6111461	.0262609	6.542034	.1487634
Stddev	.0002499	.25003	.0043000	.0016335	.039197	.0030315
%RSD	5.638049	.5777477	.7036038	6.220194	.5991630	2.037767

#1	.0047192	43.12774	.6099034	.0280690	6.499186	.1455122
#2	.0043167	43.13776	.6076042	.0248918	6.550831	.1515124
#3	.0042613	43.56573	.6159306	.0258219	6.576086	.1492658

Elem	Sr4077
Units	ppm
Avg	6.742593
Stddev	.058276
%RSD	.8643008

#1	6.729460
#2	6.692004
#3	6.806315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.238	2524.864	55014.99	5896.430	3230.262
Stddev	2.818	16.849	165.66	29.947	23.440
%RSD	.1181848	.6673155	.3011117	.5078847	.7256409

#1	2381.419	2528.966	55161.49	5926.203	3240.174
#2	2384.240	2539.283	54835.23	5896.776	3247.118
#3	2387.054	2506.343	55048.27	5866.312	3203.494

Sample Name: PB116434BL Acquired: 01/16/2019 15:37:58 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PB116434BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001105	-.000681	-.000583	.0010459	-.000454	.0058346	-.001081
Stddev	.001202	.000630	.000602	.0031963	.001228	.0118603	.000490
%RSD	108.7774	92.49594	103.3130	305.5890	270.2930	203.2749	45.35562

#1	-.002457	-.001361	.000053	-.000679	-.001621	-.002864	-.000521
#2	-.000701	-.000117	-.000657	.004734	.000826	.019344	-.001285
#3	-.000157	-.000564	-.001145	-.000917	-.000568	.001024	-.001436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	.0000022	.0369151	-.000313	.0002308	.0009245	.0042419
Stddev	.000020	.0000175	.0260191	.000225	.0000883	.0024802	.0136808
%RSD	25.43866	807.7297	70.48354	71.76872	38.25109	268.2798	322.5163

#1	-.000062	.0000119	.0384851	-.000512	.0001368	.0026009	.0071073
#2	-.000074	.0000127	.0621137	-.000358	.0003120	-.001925	.0162630
#3	-.000101	-.000018	.0101466	-.000069	.0002437	.002097	-.010645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003225	.0280419	-.000416	.0009288	.0151874	.0013615	.0006219
Stddev	.0009820	.0326863	.000181	.0003439	.2602010	.0023880	.0001053
%RSD	304.5308	116.5623	43.53619	37.02998	1713.266	175.3962	16.92460

#1	-.000779	.0131058	-.000359	.0013226	-.162224	.0007861	.0006195
#2	.001106	.0054920	-.000619	.0007770	.313890	-.000686	.0007284
#3	.000641	.0655279	-.000270	.0006869	-.106104	.003985	.0005179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1086647	-.000258	-.001099	-.000316	.0027065	.0011426	-.001521
Stddev	.0800686	.000181	.000539	.000067	.0026858	.0017115	.000496
%RSD	73.68408	70.40546	49.05150	21.35863	99.23489	149.7869	32.63297

#1	.1990823	-.000428	-.000618	-.000357	.0038839	-.000017	-.001118
#2	.0801728	-.000067	-.000997	-.000353	.0046027	.003108	-.002075
#3	.0467389	-.000277	-.001682	-.000238	-.000367	.000337	-.001370

Sample Name: PB116434BL Acquired: 01/16/2019 15:37:58 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PB116434BL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000958	-.003518	.0000830
Stddev	.000895	.000500	.0000059
%RSD	93.46983	14.21228	7.080202

#1	-.001991	-.003622	.0000766
#2	-.000400	-.002974	.0000845
#3	-.000483	-.003958	.0000880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.518	2749.814	55349.67	5785.550	4266.604
Stddev	17.513	7.379	255.31	19.361	15.935
%RSD	.6964574	.2683516	.4612671	.3346507	.3734775

#1	2496.162	2754.806	55206.99	5791.450	4276.338
#2	2516.347	2753.298	55197.59	5763.925	4275.260
#3	2531.044	2741.338	55644.42	5801.275	4248.215

Sample Name: PB116434TB Acquired: 01/16/2019 15:45:34 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004699	-.003465	-.002285	.0026039	-.000161	.0070271
Stddev	.003926	.001955	.002065	.0029174	.000937	.0059683
%RSD	83.53880	56.41578	90.40117	112.0425	580.5375	84.93299

#1	-.009229	-.004599	-.000010	.0041325	-.000146	.0073503
#2	-.002600	-.001208	-.004044	.0044394	-.001106	.0128273
#3	-.002270	-.004589	-.002800	-.000760	.000767	.0009037

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001542	-.000338	.0000911	.0278901	.0003274	-.000426
Stddev	.000436	.000037	.0000079	.0105333	.0003104	.000338
%RSD	28.28481	11.04773	8.718238	37.76725	94.83552	79.19723

#1	-.002010	-.000297	.0000907	.0170379	.0006679	-.000799
#2	-.001468	-.000348	.0000992	.0380725	.0002542	-.000141
#3	-.001148	-.000369	.0000833	.0285599	.0000600	-.000339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000775	-.002394	-.000725	-.020494	.0036152	.0036792
Stddev	.005297	.003783	.001075	.011599	.0003772	.0000891
%RSD	683.4986	158.0250	148.1995	56.59808	10.43516	2.422570

#1	-.003792	-.002711	-.000057	-.031567	.0039618	.0037744
#2	.005341	-.006008	-.000153	-.008433	.0032134	.0035976
#3	-.003875	.001537	-.001965	-.021481	.0036705	.0036657

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 423.6791	.0003864	.0063056	-.013547	.0039880	.0009843
Stddev	1.4770	.0043483	.0002664	.043102	.0008362	.0011786
%RSD	.3486086	1125.412	4.224144	318.1691	20.96667	119.7411

#1	422.9798	-.004463	.0060063	.004033	.0037917	-.000052
#2	425.3758	.003939	.0065165	-.062661	.0032674	.000738
#3	422.6816	.001683	.0063939	.017987	.0049048	.002267

Sample Name: PB116434TB Acquired: 01/16/2019 15:45:34 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	F .0144625	.0027269	-.001428	-.001524	-.001754
Stddev	.000091	.0010327	.0008239	.000246	.000839	.000868
%RSD	62.02627	7.140429	30.21210	17.20718	55.08129	49.47776

#1	-.000141	.0154438	.0033224	-.001548	-.002107	-.002752
#2	-.000058	.0145586	.0017867	-.001145	-.001903	-.001176
#3	-.000240	.0133851	.0030717	-.001591	-.000562	-.001335

Elem	Sr4077
Units	ppm
Avg	-.000033
Stddev	.000041
%RSD	126.9609

#1	-.000022
#2	.000002
#3	-.000078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.465	2515.553	53080.01	5593.446	3798.820
Stddev	12.580	.970	166.03	12.072	4.955
%RSD	.5343226	.0385635	.3127877	.2158194	.1304392

#1	2340.092	2516.664	53096.86	5590.837	3803.996
#2	2363.475	2514.874	52906.21	5606.609	3794.119
#3	2359.828	2515.121	53236.98	5582.892	3798.346

Sample Name: K1010-04 Acquired: 01/16/2019 15:49:27 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004463	-.002807	.0047267	.0019316	-.000075	.0981878	.0949412
Stddev	.002141	.000671	.0010859	.0023218	.000792	.0060943	.0007652
%RSD	47.96767	23.91522	22.97287	120.1986	1059.710	6.206817	.8059542

#1	-.004545	-.003475	.0057392	.0032652	-.000345	.0911749	.0957995
#2	-.002283	-.002132	.0035800	-.000749	-.000696	.1021997	.0946936
#3	-.006562	-.002815	.0048609	.003279	.000817	.1011887	.0943305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000258	.0003039	29.60805	.0009359	.0036621	.0026795	1.334374
Stddev	.000042	.0000234	.10502	.0004339	.0000913	.0031190	.029991
%RSD	16.23646	7.697452	.3547009	46.35659	2.492553	116.4020	2.247607

#1	-.000280	.0003246	29.56756	.0006075	.0035822	-.000410	1.365146
#2	-.000284	.0002785	29.52930	.0007726	.0036423	.002621	1.332746
#3	-.000210	.0003085	29.72728	.0014278	.0037616	.005828	1.305229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9571430	2.367620	.0035686	.0009735	286.1395	-.000233	.0289808
Stddev	.0078544	.043191	.0003370	.0003324	1.3397	.003023	.0003169
%RSD	.8206133	1.824241	9.444031	34.14937	.4682108	1295.901	1.093392

#1	.9582950	2.359484	.0032440	.0013125	286.5038	-.000077	.0293397
#2	.9487761	2.414300	.0035449	.0006481	284.6553	-.003331	.0288634
#3	.9643578	2.329075	.0039168	.0009598	287.2594	.002709	.0287394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.336773	.0048331	.0041485	-.000277	.1138495	.4783474	-.000006
Stddev	.030156	.0017214	.0005887	.000204	.0016622	.0014170	.000297
%RSD	2.255845	35.61776	14.19046	73.78297	1.459992	.2962193	5317.451

#1	1.303714	.0029110	.0044370	-.000145	.1131517	.4769146	.000188
#2	1.362772	.0062330	.0034712	-.000512	.1126499	.4783796	-.000348
#3	1.343832	.0053553	.0045373	-.000174	.1157468	.4797480	.000143

Sample Name: K1010-04 Acquired: 01/16/2019 15:49:27 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001207	-.001519	.0584628
Stddev	.001260	.000449	.0001851
%RSD	104.4047	29.56134	.3165760

#1	-.000014	-.001001	.0582585
#2	-.001081	-.001753	.0586194
#3	-.002525	-.001803	.0585105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.531	2645.135	55331.13	5702.517	4008.245
Stddev	14.207	11.368	376.53	23.310	18.992
%RSD	.5759715	.4297567	.6805113	.4087648	.4738140

#1	2482.556	2652.176	55725.84	5719.099	4017.429
#2	2455.482	2651.209	54975.88	5712.587	4020.899
#3	2461.556	2632.021	55291.67	5675.865	3986.407

Sample Name: K1010-04DUP Acquired: 01/16/2019 15:53:16 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001829	-.002811	.0039356	.0013265	-.000468	.0982180	.0942243
Stddev	.000916	.001166	.0015616	.0012411	.000743	.0042377	.0003527
%RSD	50.05997	41.46966	39.67962	93.56157	158.9186	4.314585	.3743359

#1	-.000776	-.001781	.0025709	.0006981	-.001312	.0962571	.0938172
#2	-.002438	-.004076	.0035972	.0005253	-.000181	.0953158	.0944180
#3	-.002272	-.002575	.0056387	.0027561	.000090	.1030810	.0944377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000258	.0002600	29.30304	.0008215	.0038199	.0024612	1.311073
Stddev	.000025	.0000611	.21454	.0004147	.0001305	.0021211	.029024
%RSD	9.871602	23.49152	.7321317	50.48012	3.416713	86.18042	2.213781

#1	-.000283	.0002129	29.17306	.0006345	.0038921	.0048086	1.294195
#2	-.000232	.0003290	29.18540	.0012967	.0036692	.0018925	1.344587
#3	-.000259	.0002382	29.55067	.0005332	.0038983	.0006824	1.294437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9487702	2.304656	.0037308	.0003564	282.9210	.0003580	.0277879
Stddev	.0047691	.032574	.0002161	.0001822	1.9889	.0013411	.0002979
%RSD	.5026588	1.413417	5.792342	51.11051	.7029744	374.5869	1.072041

#1	.9481877	2.319472	.0038736	.0003679	282.3372	-.000357	.0280513
#2	.9443191	2.327189	.0034821	.0001688	281.2894	.001905	.0278478
#3	.9538037	2.267307	.0038366	.0005325	285.1364	-.000474	.0274646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.328381	.0076931	.0045126	-.000203	.1195737	.4755203	.0005121
Stddev	.041608	.0008794	.0007044	.000088	.0038778	.0015621	.0004359
%RSD	3.132244	11.43071	15.60910	43.55313	3.243004	.3285015	85.11828

#1	1.312887	.0067575	.0042610	-.000116	.1165684	.4773077	.0008932
#2	1.296743	.0085026	.0039686	-.000293	.1239509	.4748364	.0006063
#3	1.375513	.0078192	.0053083	-.000200	.1182017	.4744168	.0000368

Sample Name: K1010-04DUP Acquired: 01/16/2019 15:53:16 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013296	-.002306	.0578249
Stddev	.0007793	.001477	.0000867
%RSD	58.61416	64.04258	.1499054

#1	.0008751	-.003657	.0577413
#2	.0022294	-.002531	.0578190
#3	.0008842	-.000729	.0579144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.001	2580.356	54672.59	5738.856	3910.673
Stddev	9.711	18.399	260.98	38.859	32.600
%RSD	.4001138	.7130345	.4773575	.6771172	.8336079

#1	2435.975	2595.722	54970.32	5765.591	3938.098
#2	2428.336	2585.380	54564.07	5756.697	3919.291
#3	2416.692	2559.967	54483.37	5694.281	3874.631

Sample Name: K1010-04LX5 Acquired: 01/16/2019 15:57:05 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA7884 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001158	-.001092	-.001370	.0001554	-.000619	.0215071	.0186043
Stddev	.001442	.001341	.001138	.0017938	.000311	.0009210	.0006573
%RSD	124.5667	122.7742	83.08315	1154.537	50.22594	4.282378	3.533062

#1	-.001129	-.000161	-.002069	-.001885	-.000870	.0209644	.0179302
#2	.000270	-.002628	-.001985	.000866	-.000716	.0225705	.0192434
#3	-.002614	-.000487	-.000057	.001485	-.000271	.0209864	.0186392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0000913	6.130949	-.000067	.0005335	.0004877	.2795074
Stddev	.000043	.0000148	.033106	.000099	.0001032	.0036296	.0130407
%RSD	42.45387	16.15728	.5399739	147.7383	19.33574	744.1833	4.665603

#1	-.000150	.0001034	6.094587	.000036	.0006184	.0046349	.2684213
#2	-.000071	.0000749	6.159343	-.000161	.0005635	-.001061	.2938756
#3	-.000081	.0000958	6.138919	-.000077	.0004187	-.002110	.2762254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1992800	.5199038	.0005933	.0008043	58.97773	.0014811	.0067964
Stddev	.0011788	.0561535	.0001348	.0003257	.19175	.0081591	.0002514
%RSD	.5915195	10.80075	22.71412	40.49971	.3251306	550.8646	3.699391

#1	.1979202	.5836820	.0006499	.0011601	58.89146	.0042732	.0065570
#2	.2000105	.4778915	.0004395	.0007320	58.84427	.0078777	.0070583
#3	.1999095	.4981380	.0006905	.0005207	59.19747	-.007707	.0067740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3838060	.0024719	-.001290	-.000176	.0252810	.1017755	-.001626
Stddev	.0063073	.0007849	.000586	.000111	.0034780	.0016860	.001033
%RSD	1.643361	31.75245	45.43396	63.33048	13.75727	1.656620	63.53069

#1	.3782331	.0030354	-.000621	-.000077	.0230990	.1015487	-.001576
#2	.3825318	.0015754	-.001713	-.000154	.0234521	.1035635	-.002683
#3	.3906532	.0028048	-.001536	-.000296	.0292918	.1002144	-.000619

Sample Name: K1010-04LX5 Acquired: 01/16/2019 15:57:05 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA7884 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001005	-.000042	.0118176
Stddev	.0006800	.000702	.0000483
%RSD	676.8076	1670.557	.4090501

#1	.0006352	.000753	.0118145
#2	-.000665	-.000303	.0118674
#3	.000331	-.000576	.0117708

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.172	2705.523	55527.64	5773.842	4223.916
Stddev	10.858	6.162	299.77	30.990	7.113
%RSD	.4334141	.2277461	.5398551	.5367243	.1683985

#1	2500.922	2707.491	55704.72	5777.525	4231.710
#2	2517.511	2710.460	55696.67	5741.175	4222.264
#3	2497.081	2698.618	55181.53	5802.825	4217.774

Sample Name: PB116434BS Acquired: 01/16/2019 16:00:59 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PB116434BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7897878	2.081898	1.021756	1.705875	.8113142	2.177683
Stddev	.0077395	.029374	.013195	.018714	.0109898	.011544
%RSD	.9799411	1.410905	1.291376	1.097028	1.354563	.5301121

#1	.7839136	2.060148	1.011203	1.690690	.8041678	2.185175
#2	.7868923	2.070233	1.017515	1.700153	.8058060	2.164389
#3	.7985575	2.115312	1.036550	1.726782	.8239688	2.183485

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246036	.1973294	.1993559	1.131887	.4431437	.2130176
Stddev	.0009969	.0004126	.0027002	.004013	.0047578	.0030159
%RSD	.4438665	.2091098	1.354440	.3545256	1.073647	1.415778

#1	.2237110	.1969393	.1972122	1.135058	.4458344	.2103092
#2	.2244204	.1972875	.1984670	1.133228	.4459465	.2124760
#3	.2256794	.1977614	.2023884	1.127376	.4376503	.2162675

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3474111	3.351586	.2202154	2.098842	.5397919	.0749019
Stddev	.0028825	.036898	.0027719	.061349	.0073940	.0012587
%RSD	.8297148	1.100898	1.258717	2.922976	1.369789	1.680430

#1	.3441052	3.319087	.2232080	2.055197	.5344904	.0750526
#2	.3487287	3.391696	.2177360	2.072343	.5366468	.0760785
#3	.3493992	3.343975	.2197022	2.168986	.5482385	.0735747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.358384	.3341088	.2169466	11.01586	F 6.003262	.2905400
Stddev	.095992	.0086292	.0030712	.06031	.088076	.0015974
%RSD	2.858288	2.582765	1.415636	.5474473	1.467132	.5498136

#1	3.466237	.3331381	.2184422	10.94628	5.945881	.2889686
#2	3.282315	.3260060	.2189835	11.04825	5.959234	.2904891
#3	3.326598	.3431824	.2134141	11.05304	6.104670	.2921623

Sample Name: PB116434BS Acquired: 01/16/2019 16:00:59 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PB116434BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4122079	F .0206078	.9151882	.7255232	.2145064	.2157553
Stddev	.0049972	.0031803	.0036955	.0097074	.0016963	.0007199
%RSD	1.212291	15.43244	.4037923	1.337989	.7908101	.3336602

#1	.4088414	.0172102	.9113930	.7179023	.2135144	.2153786
#2	.4098326	.0235135	.9187751	.7222150	.2164651	.2153019
#3	.4179497	.0210996	.9153966	.7364523	.2135397	.2165854

Elem	Sr4077
Units	ppm
Avg	.2100104
Stddev	.0011180
%RSD	.5323451

#1	.2087988
#2	.2102303
#3	.2110021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.214	2691.395	54624.51	5702.490	4223.585
Stddev	39.831	20.566	732.76	10.628	37.754
%RSD	1.620343	.7641226	1.341456	.1863793	.8938878

#1	2434.341	2703.438	54246.58	5713.384	4249.115
#2	2436.104	2703.098	54157.87	5692.149	4241.423
#3	2504.196	2667.649	55469.08	5701.938	4180.218

Sample Name: CCV04 Acquired: 01/16/2019 16:04:40 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14472 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.719529	4.835038	4.693283	4.621537	4.817184	9.514692	9.877855
Stddev	.040519	.031652	.036985	.041395	.037085	.079272	.027297
%RSD	.8585406	.6546397	.7880343	.8956928	.7698445	.8331540	.2763431

#1	4.764798	4.868853	4.735530	4.662872	4.859774	9.451853	9.863789
#2	4.686656	4.806119	4.666752	4.580082	4.792031	9.488469	9.860460
#3	4.707132	4.830141	4.677567	4.621658	4.799749	9.603753	9.909316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2351751	2.258678	23.47493	.9540574	2.341101	1.246727	5.037098
Stddev	.0015457	.019062	.24675	.0017726	.021160	.004271	.083168
%RSD	.6572429	.8439617	1.051104	.1857924	.9038577	.3425404	1.651103

#1	.2334218	2.279720	23.21576	.9551766	2.364967	1.247122	4.950482
#2	.2363409	2.242562	23.50200	.9549819	2.324632	1.242273	5.044489
#3	.2357626	2.253752	23.70702	.9520137	2.333705	1.250786	5.116324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.351231	22.75905	2.380440	1.150176	23.50213	2.374247	2.508622
Stddev	.020984	.27438	.018704	.006702	.08150	.010460	.013733
%RSD	.8924748	1.205576	.7857511	.5826978	.3467659	.4405660	.5474128

#1	2.330092	22.47783	2.400643	1.154922	23.40912	2.367226	2.495937
#2	2.351544	22.77328	2.363726	1.153098	23.53622	2.369246	2.523204
#3	2.372056	23.02604	2.376952	1.142510	23.56105	2.386269	2.506724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.98552	4.911383	4.640771	4.553088	4.577052	4.615603	4.657345
Stddev	.17861	.031603	.017850	.038636	.049460	.032301	.035324
%RSD	.7148572	.6434547	.3846395	.8485598	1.080613	.6998315	.7584576

#1	24.77930	4.944184	4.620196	4.596474	4.621957	4.578454	4.697055
#2	25.08625	4.881133	4.649997	4.522397	4.524039	4.631286	4.629419
#3	25.09103	4.908832	4.652119	4.540394	4.585159	4.637069	4.645561

Sample Name: CCV04 Acquired: 01/16/2019 16:04:40 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV14472 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.751773	4.744020	4.685581
Stddev	.030190	.020021	.008802
%RSD	.6353352	.4220297	.1878627

#1	4.734040	4.729428	4.690743
#2	4.734647	4.735787	4.675417
#3	4.786631	4.766845	4.690582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.846	2747.721	56278.40	5830.554	4222.569
Stddev	16.439	21.603	287.89	38.670	35.232
%RSD	.6495607	.7861972	.5115507	.6632352	.8343673

#1	2543.502	2724.955	56172.61	5872.928	4185.170
#2	2512.266	2767.933	56058.36	5797.171	4255.134
#3	2536.771	2750.274	56604.22	5821.564	4227.404

Sample Name: CCB04 Acquired: 01/16/2019 16:08:10 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB14472 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002272	-.001048	-.000724	.0041547	-.000408	.0047114	-.001137
Stddev	.002207	.000732	.001259	.0017728	.000958	.0068170	.000670
%RSD	97.15337	69.79391	173.9686	42.66949	234.8791	144.6926	58.92483

#1	.000169	-.001869	-.001979	.0050888	-.000158	.0108272	-.000970
#2	-.002857	-.000465	.000539	.0052651	-.001466	-.002638	-.000566
#3	-.004127	-.000811	-.000732	.0021102	.000400	.005945	-.001875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	.0000154	.0331907	-.000020	.0001591	-.000488	-.011314
Stddev	.000020	.0000788	.0185823	.000303	.0000281	.002118	.010541
%RSD	69.89183	510.3491	55.98659	1518.212	17.68098	434.3318	93.17448

#1	-.000007	-.000053	.0332485	-.000219	.0001269	.000508	-.000890
#2	-.000034	.000102	.0145795	.000329	.0001791	-.002920	-.011081
#3	-.000046	-.000003	.0517440	-.000169	.0001713	.000949	-.021969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000706	.0319577	-.000228	.0008247	-.033748	.0031989	-.000325
Stddev	.000869	.0464400	.000143	.0002854	.166003	.0054528	.000151
%RSD	123.0710	145.3172	62.72889	34.60973	491.8888	170.4549	46.53852

#1	.000234	-.002042	-.000068	.0011542	-.108212	.0094952	-.000184
#2	-.000872	.013045	-.000272	.0006662	.156449	.0000176	-.000306
#3	-.001481	.084870	-.000343	.0006537	-.149481	.0000841	-.000485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150845	.0005367	.0052779	-.000019	.0013569	.0033671	-.000652
Stddev	.0480012	.0014204	.0007517	.000059	.0023437	.0011641	.000856
%RSD	41.70952	264.6656	14.24256	308.9605	172.7220	34.57197	131.3477

#1	.0830158	.0010351	.0058982	.000002	-.001000	.0040599	.000124
#2	.0919677	.0016408	.0054935	-.000085	.003687	.0040181	-.001570
#3	.1702700	-.001066	.0044419	.000026	.001383	.0020231	-.000509

Sample Name: CCB04 Acquired: 01/16/2019 16:08:10 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB14472 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000978	-.000673	-.000029
Stddev	.001117	.000193	.000111
%RSD	114.1674	28.65057	389.7711

#1	.000198	-.000589	.000089
#2	-.001108	-.000893	-.000041
#3	-.002024	-.000536	-.000133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.747	2749.682	55223.97	5835.858	4268.008
Stddev	33.312	5.983	446.35	26.393	11.135
%RSD	1.326238	.2175937	.8082571	.4522576	.2608946

#1	2474.158	2755.004	54758.52	5805.625	4274.059
#2	2537.610	2750.836	55648.39	5854.300	4274.807
#3	2523.473	2743.206	55264.99	5847.650	4255.158

Sample Name: K1010-04MS Acquired: 01/16/2019 16:12:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8032192	2.053551	1.024784	1.745797	.7594076	2.234757	.3205336
Stddev	.0042053	.018309	.008344	.004027	.0042829	.014150	.0008968
%RSD	.5235509	.8916010	.8141926	.2306878	.5639750	.6331564	.2797814

#1	.8025869	2.041633	1.022320	1.745583	.7588833	2.226143	.3202158
#2	.7993659	2.044386	1.017950	1.741880	.7554111	2.251087	.3215460
#3	.8077048	2.074633	1.034082	1.749926	.7639286	2.227040	.3198389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1903475	.2011554	32.03121	.4229611	.2170617	.3450322	4.571737
Stddev	.0003572	.0014223	.27813	.0021188	.0013646	.0028142	.064424
%RSD	.1876782	.7070655	.8683248	.5009514	.6286808	.8156339	1.409186

#1	.1906687	.2002355	31.82235	.4208684	.2159951	.3478937	4.500363
#2	.1904111	.2004371	31.92436	.4229098	.2165907	.3422678	4.589263
#3	.1899627	.2027936	32.34693	.4251051	.2185995	.3449352	4.625584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.215706	4.453346	.5402970	.0762957	302.6199	.3273175	.2408958
Stddev	.012244	.115416	.0038293	.0011532	1.3465	.0068699	.0007782
%RSD	1.007153	2.591661	.7087458	1.511460	.4449530	2.098850	.3230270

#1	1.205211	4.412249	.5380880	.0761280	301.0861	.3253338	.2404451
#2	1.212749	4.364104	.5380842	.0752357	303.1658	.3216576	.2417943
#3	1.229158	4.583686	.5447187	.0775236	303.6077	.3349609	.2404479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.64575	6.518405	.2900598	.3936540	.1079997	1.380552	.7027977
Stddev	.04903	.030487	.0022020	.0014442	.0019547	.005818	.0041270
%RSD	.3877427	.4677040	.7591672	.3668747	1.809890	.4214137	.5872271

#1	12.64084	6.511148	.2886117	.3924468	.1090597	1.376409	.6994545
#2	12.69706	6.492201	.2889738	.3932612	.1057440	1.387203	.7015283
#3	12.59937	6.551865	.2925939	.3952540	.1091954	1.378044	.7074103

Sample Name: K1010-04MS Acquired: 01/16/2019 16:12:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2016689	.2198700	.2664072
Stddev	.0006693	.0008299	.0006724
%RSD	.3318559	.3774608	.2523850

#1	.2023346	.2191846	.2668638
#2	.2009962	.2196327	.2667228
#3	.2016759	.2207927	.2656351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.508	2576.913	54264.22	5688.968	3903.713
Stddev	4.296	8.173	96.66	16.082	17.278
%RSD	.1801024	.3171661	.1781253	.2826823	.4426095

#1	2382.589	2576.568	54368.28	5689.732	3909.787
#2	2383.493	2585.253	54247.11	5672.518	3917.133
#3	2390.441	2568.918	54177.25	5704.654	3884.217

Sample Name: K1010-04MSD Acquired: 01/16/2019 16:15:42 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8519870	2.159944	1.081553	1.837444	.8018507	2.349280	.3365257
Stddev	.0073921	.022531	.013730	.014248	.0071333	.017304	.0013912
%RSD	.8676260	1.043119	1.269439	.7754313	.8896046	.7365809	.4133954

#1	.8472852	2.136496	1.069033	1.825503	.7964942	2.330893	.3381115
#2	.8481684	2.161907	1.079391	1.833612	.7991100	2.351700	.3355109
#3	.8605074	2.181429	1.096236	1.853216	.8099479	2.365247	.3359546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2007334	.2118256	33.49946	.4449388	.2296715	.3605750	4.797025
Stddev	.0003378	.0018729	.52485	.0020460	.0020859	.0094109	.060648
%RSD	.1682857	.8841871	1.566737	.4598349	.9082019	2.609960	1.264273

#1	.2003578	.2103004	32.91599	.4433133	.2277142	.3554831	4.729718
#2	.2010124	.2112605	33.64928	.4442669	.2294345	.3548072	4.813935
#3	.2008300	.2139161	33.93311	.4472363	.2318657	.3714347	4.847423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268401	4.656499	.5697088	.0803233	316.3753	.3448404	.2520844
Stddev	.021429	.061703	.0052367	.0007872	2.1255	.0132800	.0008349
%RSD	1.689458	1.325086	.9191918	.9799901	.6718398	3.851058	.3311953

#1	1.245052	4.600667	.5655599	.0794158	313.9277	.3339128	.2512346
#2	1.272983	4.646085	.5679737	.0808221	317.4418	.3409875	.2529035
#3	1.287170	4.722746	.5755929	.0807318	317.7565	.3596208	.2521149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.28455	6.862751	.3036506	.4153476	.1127763	1.457025	.7392820
Stddev	.06746	.072663	.0000893	.0042652	.0023670	.007214	.0050598
%RSD	.5077851	1.058804	.0293978	1.026898	2.098875	.4950982	.6844136

#1	13.23540	6.798135	.3035782	.4132393	.1154692	1.452242	.7345907
#2	13.36146	6.848707	.3037504	.4125471	.1110252	1.465323	.7386117
#3	13.25681	6.941411	.3036233	.4202564	.1118344	1.453511	.7446434

Sample Name: K1010-04MSD Acquired: 01/16/2019 16:15:42 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2114716	.2314995	.2778747
Stddev	.0008767	.0038947	.0003194
%RSD	.4145661	1.682363	.1149497

#1	.2120370	.2276553	.2781999
#2	.2119161	.2314004	.2775614
#3	.2104617	.2354427	.2778627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.791	2465.290	52387.17	5475.064	3736.136
Stddev	11.648	20.130	286.34	16.534	28.620
%RSD	.5047240	.8165411	.5465828	.3019895	.7660361

#1	2312.338	2480.078	52506.62	5489.631	3757.063
#2	2294.556	2473.426	52594.44	5457.093	3747.823
#3	2316.480	2442.365	52060.44	5478.469	3703.521

Sample Name: K1010-04A Acquired: 01/16/2019 16:19:21 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB7884 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8204458	2.090502	1.050469	1.774041	.7735789	2.308602	.3291197
Stddev	.0052844	.005430	.001705	.007049	.0004913	.004528	.0007748
%RSD	.6440911	.2597572	.1623204	.3973464	.0635098	.1961404	.2354093

#1	.8187488	2.090144	1.049197	1.774971	.7741389	2.303744	.3291806
#2	.8162184	2.085259	1.049804	1.766573	.7733771	2.309356	.3283163
#3	.8263703	2.096102	1.052406	1.780579	.7732206	2.312706	.3298623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1969573	.2059331	32.89920	.4350184	.2228055	.3515988	4.690919
Stddev	.0011289	.0008422	.09904	.0020984	.0013797	.0033430	.044400
%RSD	.5731582	.4089557	.3010448	.4823740	.6192485	.9507927	.9465075

#1	.1964847	.2052189	32.96388	.4338161	.2216833	.3531218	4.644357
#2	.1982456	.2057185	32.78518	.4337976	.2223872	.3539090	4.695618
#3	.1961415	.2068618	32.94853	.4374414	.2243459	.3477655	4.732783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243101	4.590538	.5534267	.0783748	310.8645	.3369538	.2473461
Stddev	.001472	.038257	.0035184	.0001476	1.2083	.0106131	.0004832
%RSD	.1184170	.8333966	.6357429	.1883641	.3886939	3.149731	.1953527

#1	1.243046	4.634415	.5495163	.0785144	310.8848	.3489284	.2477553
#2	1.241657	4.573046	.5544273	.0783896	309.6462	.3287091	.2474700
#3	1.244599	4.564155	.5563363	.0782203	312.0625	.3332238	.2468130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.07501	6.655977	.2973993	.4020131	.1116552	1.428807	.7179371
Stddev	.07944	.032667	.0024473	.0008502	.0021169	.007623	.0037499
%RSD	.6075496	.4907905	.8229009	.2114965	1.895878	.5334893	.5223215

#1	12.98358	6.636635	.2974615	.4014854	.1092335	1.428730	.7141823
#2	13.12703	6.637602	.2998149	.4015600	.1125784	1.436468	.7179468
#3	13.11444	6.693693	.2949215	.4029939	.1131536	1.421224	.7216822

Sample Name: K1010-04A Acquired: 01/16/2019 16:19:21 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB7884 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2074356	.2275986	.2740135
Stddev	.0006706	.0015574	.0011578
%RSD	.3232819	.6842524	.4225242

#1	.2067160	.2293948	.2728837
#2	.2080431	.2267760	.2739593
#3	.2075475	.2266251	.2751974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.365	2533.897	53093.20	5539.727	3830.481
Stddev	10.047	6.994	134.97	23.290	17.301
%RSD	.4289064	.2760272	.2542185	.4204262	.4516624

#1	2331.486	2539.591	52948.50	5533.026	3844.091
#2	2351.293	2536.010	53215.69	5520.521	3836.340
#3	2344.317	2526.090	53115.41	5565.633	3811.011

Sample Name: K1010-06 Acquired: 01/16/2019 16:23:00 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002785	-.002333	.0038397	.0004285	.0005027	.1312441	.1507290
Stddev	.001723	.001273	.0006979	.0002200	.0004018	.0058573	.0009724
%RSD	61.87586	54.57093	18.17635	51.33050	79.93528	4.462878	.6451609

#1	-.004015	-.000888	.0045890	.0006792	.0000388	.1299640	.1517767
#2	-.003524	-.002821	.0032083	.0002683	.0007277	.1376355	.1505548
#3	-.000815	-.003290	.0037217	.0003380	.0007416	.1261327	.1498554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000316	.0002638	22.89009	.0013416	.0058532	.0043986	2.227532
Stddev	.000014	.0000533	.08800	.0003503	.0002919	.0020729	.008663
%RSD	4.558679	20.20881	.3844252	26.11540	4.987063	47.12721	.3888883

#1	-.000319	.0003064	22.96694	.0009671	.0061864	.0060640	2.219476
#2	-.000300	.0002040	22.90923	.0016613	.0057304	.0020770	2.236695
#3	-.000328	.0002808	22.79410	.0013963	.0056427	.0050548	2.226425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.880307	1.749276	.0044922	.0005575	298.6607	.0010601	.0357613
Stddev	.015722	.055029	.0003809	.0003595	1.6709	.0025183	.0005392
%RSD	.8361565	3.145817	8.479304	64.48447	.5594552	237.5450	1.507879

#1	1.896435	1.775965	.0040745	.0006690	300.5649	.0029621	.0362020
#2	1.865024	1.685992	.0045818	.0008481	297.9775	-.001796	.0351600
#3	1.879462	1.785871	.0048204	.0001555	297.4396	.002014	.0359220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.130527	.0057980	.0049174	-.000262	.1584933	.4790511	-.002220
Stddev	.042721	.0023001	.0009442	.000121	.0010784	.0015872	.000138
%RSD	3.778843	39.67142	19.20211	46.25429	.6803809	.3313127	6.234839

#1	1.090140	.0082037	.0041102	-.000176	.1577795	.4784339	-.002148
#2	1.175251	.0055699	.0059557	-.000401	.1597338	.4808542	-.002380
#3	1.126190	.0036204	.0046863	-.000210	.1579667	.4778653	-.002133

Sample Name: K1010-06 Acquired: 01/16/2019 16:23:00 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: OK-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000123	.0022198	.0509999
Stddev	.001544	.0010503	.0002050
%RSD	1251.226	47.31579	.4019378

#1	.000734	.0023201	.0509879
#2	-.001905	.0011229	.0512107
#3	.000802	.0032163	.0508012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.807	2669.191	55283.80	5753.702	4060.060
Stddev	25.034	13.020	386.11	17.602	23.038
%RSD	1.022295	.4877794	.6984086	.3059213	.5674182

#1	2420.119	2654.569	54919.37	5745.752	4033.730
#2	2460.081	2673.478	55243.58	5741.477	4069.944
#3	2466.222	2679.527	55688.44	5773.876	4076.507

Sample Name: K1012-08 Acquired: 01/16/2019 16:26:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: EO-01-011518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003933	-.003321	.0104315	-.000185	.0005838	.2523551	.2222856
Stddev	.001290	.000710	.0012621	.003526	.0007410	.0066355	.0007481
%RSD	32.80286	21.37016	12.09840	1907.693	126.9262	2.629430	.3365413

#1	-.005060	-.004051	.0100719	-.002982	-.000253	.2599958	.2220219
#2	-.004214	-.003277	.0118344	-.001350	.000848	.2490287	.2217050
#3	-.002526	-.002634	.0093884	.003777	.001156	.2480407	.2231298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	.0004321	40.80127	.0016362	.0087285	.0087420	4.438239
Stddev	.000044	.0000995	.32015	.0002565	.0002202	.0041842	.058984
%RSD	28.61176	23.03487	.7846572	15.67462	2.522157	47.86235	1.329004

#1	-.000147	.0005121	41.16966	.0019226	.0088733	.0112497	4.497295
#2	-.000203	.0003206	40.59042	.0014276	.0084751	.0039118	4.379327
#3	-.000115	.0004635	40.64372	.0015584	.0088370	.0110646	4.438096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.815312	2.578502	.0079267	.0007617	490.1524	.0009353	.0394452
Stddev	.020405	.070156	.0004416	.0002565	.8198	.0015107	.0003568
%RSD	1.124041	2.720815	5.571487	33.66777	.1672594	161.5143	.9046554

#1	1.838188	2.518401	.0080362	.0007549	491.0340	.0024831	.0391364
#2	1.798986	2.655593	.0074406	.0010215	489.4130	.0008582	.0398359
#3	1.808763	2.561513	.0083033	.0005088	490.0103	-.000535	.0393634

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.512449	.0074658	.0273044	-.000445	.6564957	2.030674	-.001508
Stddev	.059463	.0006246	.0006451	.000279	.0046488	.016106	.000770
%RSD	3.931544	8.366435	2.362559	62.62419	.7081183	.7931468	51.03321

#1	1.444979	.0067704	.0265900	-.000141	.6532592	2.049054	-.002244
#2	1.535151	.0076477	.0274791	-.000507	.6544051	2.023939	-.001572
#3	1.557216	.0079793	.0278442	-.000688	.6618227	2.019028	-.000709

Sample Name: K1012-08 Acquired: 01/16/2019 16:26:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: EO-01-011518 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002343	.0048612	.2141834
Stddev	.0004169	.0009068	.0008747
%RSD	177.8991	18.65316	.4083960

#1	-.000033	.0038900	.2132851
#2	.000715	.0050078	.2142326
#3	.000021	.0056857	.2150324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.617	2535.409	54210.40	5669.992	3765.613
Stddev	21.006	18.419	148.28	25.756	26.892
%RSD	.8746671	.7264548	.2735198	.4542516	.7141593

#1	2422.702	2545.004	54372.00	5640.741	3781.754
#2	2380.691	2547.050	54178.56	5679.966	3780.517
#3	2401.458	2514.174	54080.62	5689.269	3734.569

Sample Name: K1012-10 Acquired: 01/16/2019 16:30:41 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: EO-01-011518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002099	-.002841	.0065248	.0004579	.0004686	.1252238	.1240636
Stddev	.002608	.001173	.0004528	.0020012	.0006008	.0094292	.0001732
%RSD	124.2314	41.26851	6.939967	436.9935	128.2285	7.529894	.1396166

#1	-.002649	-.003880	.0067099	-.000822	-.000213	.1344339	.1241725
#2	.000740	-.001570	.0068557	-.000568	.000921	.1256477	.1238639
#3	-.004388	-.003073	.0060087	.002764	.000698	.1155897	.1241544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000280	.0003944	26.74040	.0007988	.0053104	.0056821	2.468795
Stddev	.000021	.0001411	.10246	.0002064	.0004450	.0004767	.024343
%RSD	7.499014	35.77668	.3831496	25.83783	8.378946	8.388825	.9860316

#1	-.000264	.0003176	26.78484	.0005650	.0051885	.0058810	2.440791
#2	-.000273	.0003083	26.62323	.0009557	.0049391	.0060272	2.484902
#3	-.000304	.0005572	26.81314	.0008757	.0058036	.0051382	2.480691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.571061	2.105232	.0050090	.0002839	331.3737	.0027846	.0284060
Stddev	.004224	.025884	.0001604	.0002679	.1509	.0036176	.0004136
%RSD	.2688821	1.229487	3.201371	94.36133	.0455506	129.9142	1.456090

#1	1.570323	2.133466	.0051871	.0005889	331.2233	.0059337	.0279454
#2	1.567254	2.099605	.0048760	.0001765	331.3724	.0035869	.0285273
#3	1.575605	2.082624	.0049640	.0000863	331.5252	-.001167	.0287455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.049109	.0066059	.0112691	-.000336	.3261081	1.068128	-.002015
Stddev	.046136	.0012074	.0004566	.000235	.0150750	.006808	.000794
%RSD	4.397630	18.27818	4.051810	70.04756	4.622683	.6373614	39.38612

#1	1.032924	.0052341	.0117468	-.000103	.3393926	1.065759	-.002425
#2	1.013246	.0070763	.0112235	-.000573	.3097244	1.075804	-.002520
#3	1.101156	.0075074	.0108370	-.000331	.3292074	1.062822	-.001100

Sample Name: K1012-10 Acquired: 01/16/2019 16:30:41 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: EO-01-011518 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001451	.0043561	.1087323
Stddev	.000663	.0011885	.0002799
%RSD	45.64924	27.28302	.2574292

#1	-.001867	.0051106	.1084206
#2	-.001799	.0029861	.1088143
#3	-.000687	.0049716	.1089621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.236	2582.673	52846.41	5554.733	3896.974
Stddev	13.008	100.003	265.35	13.893	149.024
%RSD	.5536922	3.872076	.5021155	.2501192	3.824085

#1	2343.619	2533.283	52608.41	5551.504	3822.631
#2	2364.108	2697.762	52798.31	5542.739	4068.544
#3	2339.980	2516.974	53132.53	5569.957	3799.748

Sample Name: K1012-12 Acquired: 01/16/2019 16:34:32 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: EO-01-011518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002578	-.002708	.0117171	.0014497	-.000786	.1555614	.1389605
Stddev	.002158	.000624	.0002017	.0023925	.000340	.0043417	.0006205
%RSD	83.71267	23.05082	1.721622	165.0340	43.32789	2.790997	.4464947

#1	-.005068	-.002795	.0114845	-.000218	-.001166	.1598297	.1389316
#2	-.001397	-.002045	.0118446	.004191	-.000680	.1557048	.1395949
#3	-.001267	-.003284	.0118221	.000377	-.000510	.1511498	.1383550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000212	.0003553	24.48826	.0012565	.0048572	.0065528	1.546458
Stddev	.000022	.0000159	.17066	.0000943	.0003101	.0005741	.035046
%RSD	10.15871	4.467539	.6969011	7.503003	6.383838	8.760643	2.266208

#1	-.000234	.0003711	24.68451	.0013564	.0047475	.0065841	1.547711
#2	-.000191	.0003393	24.40563	.0011690	.0046169	.0071106	1.510802
#3	-.000211	.0003554	24.37465	.0012442	.0052072	.0059638	1.580861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.111606	2.214214	.0061313	.0006680	430.2492	.0021305	.0280005
Stddev	.011130	.017015	.0002455	.0003819	1.0262	.0031931	.0002080
%RSD	1.001235	.7684298	4.003758	57.16524	.2385096	149.8736	.7427919

#1	1.124292	2.228966	.0058609	.0003047	431.4321	.0020933	.0280560
#2	1.103484	2.218075	.0063402	.0006333	429.5973	.0053420	.0281751
#3	1.107041	2.195601	.0061928	.0010661	429.7182	-.001044	.0277704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.538908	.0090532	.0036163	-.000169	.2977168	.6712038	-.002002
Stddev	.022793	.0003525	.0005801	.000091	.0063499	.0038270	.000733
%RSD	1.481143	3.893476	16.04007	54.19523	2.132857	.5701671	36.60218

#1	1.530762	.0093451	.0031232	-.000267	.3008296	.6741369	-.002832
#2	1.564655	.0091529	.0042554	-.000087	.2904111	.6668748	-.001445
#3	1.521307	.0086616	.0034703	-.000151	.3019096	.6725997	-.001728

Sample Name: K1012-12 Acquired: 01/16/2019 16:34:32 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: EO-01-011518 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000809	.0041173	.0959118
Stddev	.000887	.0006669	.0003080
%RSD	109.6787	16.19649	.3211053

#1	.000111	.0040317	.0960529
#2	-.000879	.0034974	.0961240
#3	-.001658	.0048229	.0955586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.506	2596.911	54599.80	5688.944	3900.659
Stddev	17.309	7.804	234.48	42.434	10.762
%RSD	.7133316	.3005060	.4294523	.7459005	.2759059

#1	2414.426	2599.472	54329.73	5645.294	3902.774
#2	2418.756	2603.113	54718.23	5691.490	3910.207
#3	2446.336	2588.149	54751.45	5730.047	3888.997

Sample Name: K1147-03 Acquired: 01/16/2019 16:38:24 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005222	-.002817	.0069815	.0008804	.0009411	.0558396	.3470436
Stddev	.000579	.001028	.0002087	.0027113	.0008073	.0055211	.0015325
%RSD	11.08382	36.51111	2.988575	307.9531	85.78371	9.887477	.4415896

#1	-.005592	-.003232	.0070551	.0040109	.0006988	.0573415	.3470707
#2	-.004555	-.001646	.0071433	-.000649	.0002827	.0497229	.3454978
#3	-.005520	-.003573	.0067460	-.000720	.0018418	.0604543	.3485624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000308	.0008198	102.7879	.0012638	.0087008	.0028526	.9020407
Stddev	.000038	.0000385	.9432	.0001087	.0000944	.0014936	.0067040
%RSD	12.31339	4.698016	.9176273	8.596662	1.084508	52.35912	.7432081

#1	-.000303	.0008637	102.1401	.0013348	.0086021	.0021878	.9013946
#2	-.000348	.0008044	102.3537	.0013180	.0087100	.0018068	.9090445
#3	-.000273	.0007914	103.8701	.0011388	.0087902	.0045632	.8956832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.393594	3.679106	.0049988	.0006903	288.6762	.0024996	.1489945
Stddev	.011841	.041274	.0003398	.0001381	1.9493	.0046164	.0005723
%RSD	.8496808	1.121858	6.798666	20.00362	.6752383	184.6879	.3841251

#1	1.382010	3.726361	.0052448	.0008495	287.4222	.0053521	.1488870
#2	1.393097	3.650115	.0051407	.0006031	287.6845	.0049732	.1496129
#3	1.405676	3.660842	.0046110	.0006183	290.9219	-.002827	.1484835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.478397	.0067679	.0133715	.0002249	.3894632	1.633547	-.003048
Stddev	.080799	.0012301	.0004985	.0002581	.0032065	.014130	.000296
%RSD	1.804187	18.17556	3.727713	114.7581	.8233067	.8649601	9.712684

#1	4.395894	.0055051	.0129160	-.000041	.3858731	1.618566	-.002840
#2	4.557377	.0079624	.0132945	.000241	.3904743	1.635442	-.002918
#3	4.481919	.0068363	.0139039	.000475	.3920423	1.646634	-.003387

Sample Name: K1147-03 Acquired: 01/16/2019 16:38:24 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002229	.0076684	.8329459
Stddev	.001609	.0015501	.0033308
%RSD	72.16491	20.21407	.3998786

#1	-.001451	.0061145	.8294493
#2	-.001157	.0076760	.8333067
#3	-.004079	.0092146	.8360815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.333	2488.010	52391.72	5478.052	3760.440
Stddev	14.855	5.799	88.87	33.796	10.746
%RSD	.6477344	.2330742	.1696230	.6169280	.2857673

#1	2293.345	2483.327	52445.24	5503.818	3756.684
#2	2278.472	2494.496	52440.79	5490.550	3772.560
#3	2308.182	2486.207	52289.14	5439.787	3752.076

Sample Name: K1147-06 Acquired: 01/16/2019 16:42:15 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004019	-.005532	.1808192	.0022375	-.000108	.1152391	.1892530
Stddev	.002599	.001646	.0007393	.0005178	.000768	.0146035	.0009196
%RSD	64.66910	29.74881	.4088839	23.14256	710.6276	12.67239	.4858915

#1	-.001510	-.005555	.1800766	.0018115	.000562	.1253680	.1883572
#2	-.006700	-.003875	.1808259	.0028138	.000060	.1218501	.1901946
#3	-.003848	-.007166	.1815552	.0020870	-.000946	.0984991	.1892072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000362	.0036306	25.12790	.0005591	.0171562	.0220918	.0585067
Stddev	.000044	.0001124	.35188	.0003819	.0004246	.0016742	.0107700
%RSD	12.24737	3.096033	1.400360	68.31025	2.475010	7.578226	18.40821

#1	-.000318	.0036085	24.75368	.0004051	.0168100	.0239395	.0664881
#2	-.000406	.0035309	25.17793	.0002782	.0170287	.0206757	.0462567
#3	-.000361	.0037524	25.45208	.0009939	.0176300	.0216603	.0627754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4630913	1.391143	.0031510	.0005528	291.9071	-.000351	.4134223
Stddev	.0031379	.065478	.0002648	.0003848	3.0444	.002435	.0017015
%RSD	.6776043	4.706771	8.402939	69.61195	1.042951	693.1763	.4115754

#1	.4596096	1.433510	.0028551	.0003981	288.6617	-.001567	.4153859
#2	.4639631	1.424192	.0032324	.0002694	292.3599	-.001938	.4125000
#3	.4657011	1.315727	.0033656	.0009909	294.6999	.002452	.4123810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637035	.0107292	.0091574	-.000204	.3858713	1.043347	-.000899
Stddev	.054742	.0015899	.0002425	.000053	.0079044	.011675	.000886
%RSD	3.343993	14.81844	2.648206	25.96955	2.048449	1.119016	98.57244

#1	1.582334	.0089213	.0089150	-.000249	.3839242	1.031759	-.001619
#2	1.691818	.0113568	.0094001	-.000219	.3791225	1.055108	.000091
#3	1.636952	.0119095	.0091571	-.000146	.3945673	1.043175	-.001169

Sample Name: K1147-06 Acquired: 01/16/2019 16:42:15 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000285	.0029477	.1304571
Stddev	.000272	.0007917	.0003133
%RSD	95.40479	26.85924	.2401728

#1	.000028	.0028964	.1300955
#2	-.000423	.0021828	.1306284
#3	-.000460	.0037638	.1306475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.518	2556.611	53466.03	5602.073	3889.386
Stddev	19.759	15.101	265.32	34.268	21.728
%RSD	.8374192	.5906629	.4962451	.6116940	.5586551

#1	2340.404	2556.933	53269.52	5634.514	3895.491
#2	2379.864	2571.548	53767.84	5566.232	3907.409
#3	2358.287	2541.351	53360.73	5605.473	3865.259

Sample Name: K1147-09 Acquired: 01/16/2019 16:46:05 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002873	-.002873	.0066603	.0013275	-.000489	.0974181	.0880671
Stddev	.002493	.000856	.0005484	.0007536	.001153	.0114240	.0073257
%RSD	86.78668	29.79640	8.233398	56.76656	235.7775	11.72672	8.318285

#1	-.001169	-.002001	.0072902	.0014947	.000553	.0862103	.0796094
#2	-.001715	-.003712	.0062894	.0019833	-.001727	.1090466	.0921669
#3	-.005734	-.002905	.0064013	.0005043	-.000293	.0969974	.0924249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000287	.0001960	26.14057	.0013642	.0028298	.0057716	.4877956
Stddev	.000035	.0000285	2.04352	.0003639	.0002457	.0039869	.0504895
%RSD	12.06102	14.54719	7.817417	26.67733	8.682610	69.07737	10.35055

#1	-.000267	.0001700	23.78128	.0012847	.0030833	.0024635	.4298039
#2	-.000327	.0001915	27.28483	.0010466	.0028133	.0101983	.5116039
#3	-.000267	.0002265	27.35562	.0017614	.0025928	.0046530	.5219791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3499687	1.339812	.0039264	.0009514	269.2301	.0015975	.0458111
Stddev	.0281825	.052552	.0000768	.0003331	20.4850	.0034383	.0006011
%RSD	8.052852	3.922327	1.955766	35.01548	7.608740	215.2261	1.312184

#1	.3174272	1.279337	.0038575	.0008369	245.5796	-.002204	.0451610
#2	.3660486	1.365712	.0039126	.0013267	280.6990	.002505	.0459256
#3	.3664305	1.374386	.0040092	.0006906	281.4116	.004491	.0463468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.937701	.0046158	.0141779	-.000233	.2775168	.5111045	.0004691
Stddev	.252365	.0005720	.0013652	.000194	.0058286	.0358568	.0004717
%RSD	13.02395	12.39229	9.629195	83.33928	2.100277	7.015547	100.5420

#1	1.646945	.0039555	.0131309	-.000288	.2803634	.4697011	.0004958
#2	2.099931	.0049341	.0136807	-.000017	.2813752	.5316346	.0009269
#3	2.066226	.0049579	.0157220	-.000395	.2708119	.5319777	-.000015

Sample Name: K1147-09 Acquired: 01/16/2019 16:46:05 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000380	.0023873	.0593709
Stddev	.001341	.0030078	.0046135
%RSD	353.1898	125.9935	7.770703

#1	-.001550	-.000979	.0540492
#2	.001083	.003330	.0618216
#3	-.000672	.004811	.0622419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.977	2629.375	54507.25	5960.917	3999.175
Stddev	25.928	26.744	400.71	399.213	42.932
%RSD	1.072751	1.017109	.7351507	6.697166	1.073526

#1	2395.950	2604.107	54049.15	6421.887	3958.912
#2	2445.948	2626.634	54792.66	5729.870	3994.260
#3	2409.034	2657.383	54679.94	5730.993	4044.353

Sample Name: CCV05 Acquired: 01/16/2019 16:49:54 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14473 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.761504	4.897612	4.749156	4.620522	4.857748	9.532894	9.915038
Stddev	.012697	.025523	.020690	.003763	.014036	.012338	.018168
%RSD	.2666561	.5211279	.4356600	.0814319	.2889371	.1294222	.1832327

#1	4.754124	4.881954	4.740659	4.623455	4.843758	9.546343	9.935784
#2	4.754223	4.883819	4.734066	4.621832	4.857655	9.530241	9.901968
#3	4.776165	4.927064	4.772741	4.616280	4.871830	9.522099	9.907362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2373391	2.283637	23.41201	.9606862	2.374956	1.250062	4.975771
Stddev	.0003956	.009540	.12118	.0012725	.013364	.006453	.021840
%RSD	.1666690	.4177533	.5175924	.1324549	.5626992	.5162471	.4389230

#1	.2370523	2.281409	23.54601	.9613278	2.366267	1.243885	4.954887
#2	.2377904	2.275408	23.37987	.9592207	2.368256	1.249540	4.998455
#3	.2371747	2.294094	23.31013	.9615102	2.390344	1.256760	4.973970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.340338	22.87511	2.411800	1.160342	23.40689	2.366129	2.536429
Stddev	.006482	.21456	.010168	.004843	.15050	.018913	.012749
%RSD	.2769500	.9379547	.4215928	.4173640	.6429575	.7993155	.5026415

#1	2.344638	23.02422	2.409533	1.154894	23.54185	2.383779	2.526415
#2	2.332883	22.97191	2.402958	1.161973	23.43422	2.368443	2.550781
#3	2.343492	22.62921	2.422911	1.164159	23.24460	2.346166	2.532091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17838	4.993886	4.677101	4.614196	4.594609	4.642042	4.725935
Stddev	.04133	.025729	.003898	.007634	.017132	.009333	.022069
%RSD	.1641476	.5152180	.0833436	.1654504	.3728785	.2010614	.4669794

#1	25.22586	4.990121	4.677379	4.606559	4.590741	4.631682	4.716061
#2	25.15052	4.970246	4.673072	4.614203	4.579742	4.644648	4.710527
#3	25.15875	5.021290	4.680853	4.621827	4.613345	4.649795	4.751217

Sample Name: CCV05 Acquired: 01/16/2019 16:49:54 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV14473 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.751719	4.746886	4.690495
Stddev	.020955	.010253	.004024
%RSD	.4409910	.2159937	.0857870

#1	4.765813	4.755743	4.692004
#2	4.761704	4.735654	4.685935
#3	4.727639	4.749261	4.693547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.556	2726.387	56151.00	5795.354	4188.389
Stddev	18.445	3.902	175.43	25.823	13.603
%RSD	.7311912	.1431051	.3124306	.4455763	.3247848

#1	2528.030	2730.280	56167.98	5783.335	4193.763
#2	2501.994	2726.406	55967.69	5777.731	4198.485
#3	2537.645	2722.477	56317.32	5824.995	4172.920

Sample Name: CCB05 Acquired: 01/16/2019 16:53:24 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB14473 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000230	-.000263	.0005144	-.000201	-.000036	-.004380	-.001224
Stddev	.001706	.000568	.0012336	.002056	.000386	.004845	.000697
%RSD	741.8489	215.8710	239.8199	1022.834	1063.203	110.6083	56.98880

#1	.001698	-.000753	-.000488	-.000211	.000191	-.009952	-.002029
#2	-.001547	-.000396	.001892	-.002252	-.000482	-.001155	-.000822
#3	-.000841	.000359	.000139	.001860	.000182	-.002034	-.000820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	.0000019	.0137689	.0000762	.0000981	-.002436	-.006990
Stddev	.000029	.0000950	.0072092	.0000208	.0000844	.001255	.015029
%RSD	39.89406	4896.626	52.35848	27.33533	86.01003	51.52521	215.0142

#1	-.000104	.0000914	.0170159	.0000531	.0001231	-.001258	-.024334
#2	-.000051	.0000122	.0055073	.0000935	.0000041	-.002293	.001168
#3	-.000059	-.000098	.0187836	.0000821	.0001672	-.003756	.002197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001001	.0355143	-.000502	.0009484	.1374677	.0007093	-.000764
Stddev	.000758	.0152959	.000161	.0004748	.1795380	.0053117	.000175
%RSD	75.73366	43.06975	31.99388	50.06195	130.6038	748.8410	22.91938

#1	-.000155	.0180846	-.000637	.0012024	.0779675	-.002512	-.000667
#2	-.001229	.0417555	-.000324	.0012422	-.004767	-.002200	-.000659
#3	-.001620	.0467027	-.000546	.0004007	.339202	.006840	-.000966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1244425	-.000454	.0044771	-.000178	.0012435	.0019328	-.000860
Stddev	.0118846	.000940	.0004304	.000045	.0019853	.0007560	.000537
%RSD	9.550271	207.2224	9.612958	25.24814	159.6558	39.11226	62.49720

#1	.1375939	-.000778	.0045449	-.000210	-.000584	.0027918	-.000700
#2	.1212619	-.001188	.0048696	-.000127	.003356	.0016380	-.001459
#3	.1144719	.000606	.0040169	-.000197	.000959	.0013687	-.000420

Sample Name: CCB05 Acquired: 01/16/2019 16:53:24 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB14473 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001829	.0005587	-.000063
Stddev	.000594	.0008356	.000060
%RSD	32.47279	149.5542	94.77084

#1	-.002306	.0014418	-.000006
#2	-.001164	.0004538	-.000125
#3	-.002017	-.000219	-.000058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.775	2932.092	58357.92	6041.700	4551.670
Stddev	28.835	35.595	576.25	108.011	57.009
%RSD	1.087814	1.213990	.9874328	1.787753	1.252475

#1	2656.773	2894.204	58651.32	5917.175	4489.258
#2	2676.140	2937.239	58728.43	6110.000	4564.751
#3	2619.412	2964.834	57694.02	6097.925	4601.001

Sample Name: K1147-12 Acquired: 01/16/2019 16:57:15 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002239	-.003776	.0512337	.0022530	.0000997	.2310947	.1087134
Stddev	.002329	.001148	.0021633	.0006880	.0003594	.0082806	.0004432
%RSD	104.0263	30.40298	4.222446	30.53769	360.4932	3.583217	.4076373

#1	-.001853	-.003044	.0523978	.0020771	.0005109	.2306251	.1091811
#2	-.000127	-.003184	.0525657	.0030118	-.000057	.2230589	.1086593
#3	-.004737	-.005099	.0487376	.0016699	-.000155	.2396002	.1082997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000312	.0003529	26.58783	.0009254	.0017434	.0060740	.5000331
Stddev	.000057	.0000381	.09649	.0004497	.0003563	.0010194	.0146750
%RSD	18.34168	10.78439	.3629125	48.58765	20.43498	16.78292	2.934798

#1	-.000287	.0003966	26.48143	.0008915	.0013494	.0058255	.5046463
#2	-.000271	.0003271	26.61238	.0013911	.0020429	.0052018	.5118472
#3	-.000377	.0003350	26.66967	.0004937	.0018378	.0071947	.4836058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4077917	1.481303	.0035179	.0004340	313.9790	.0005875	.0796957
Stddev	.0033220	.062201	.0001688	.0002920	.5328	.0016918	.0007175
%RSD	.8146323	4.199057	4.797303	67.28090	.1697020	287.9894	.9002764

#1	.4110142	1.456906	.0034695	.0004882	313.8611	.0024972	.0803776
#2	.4043784	1.435000	.0037056	.0006951	314.5609	-.000724	.0789473
#3	.4079824	1.552005	.0033787	.0001187	313.5150	-.000011	.0797623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.341650	.0051166	.0127518	-.000237	.4125307	.3720034	-.002197
Stddev	.016812	.0013220	.0005044	.000082	.0090825	.0013069	.000757
%RSD	1.253111	25.83796	3.955370	34.54043	2.201661	.3513078	34.44043

#1	1.334646	.0062090	.0127605	-.000200	.4124239	.3735031	-.002759
#2	1.360832	.0036470	.0122431	-.000180	.4216661	.3711083	-.002495
#3	1.329471	.0054939	.0132518	-.000331	.4035020	.3713987	-.001336

Sample Name: K1147-12 Acquired: 01/16/2019 16:57:15 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000117	.0013939	.0924134
Stddev	.000693	.0003201	.0002106
%RSD	592.2925	22.96152	.2278857

#1	.000667	.0013181	.0926117
#2	-.000368	.0011186	.0921924
#3	-.000650	.0017451	.0924361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.292	2554.853	52808.59	5507.225	3818.312
Stddev	6.404	63.084	300.81	20.059	98.054
%RSD	.2742181	2.469198	.5696196	.3642377	2.567980

#1	2330.778	2509.652	52921.92	5506.053	3753.551
#2	2332.477	2527.984	52467.58	5487.777	3770.263
#3	2342.621	2626.924	53036.27	5527.844	3931.123

Sample Name: K1147-15 Acquired: 01/16/2019 17:01:06 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001820	-.003008	.0125755	.0006890	-.000887	.2677283	.0966450
Stddev	.004203	.000611	.0016741	.0026179	.000451	.0111202	.0005854
%RSD	230.9424	20.31392	13.31203	379.9771	50.85007	4.153533	.6057757

#1	-.000138	-.003459	.0121271	-.000371	-.000615	.2667486	.0966232
#2	.001282	-.002313	.0111714	-.001233	-.000639	.2571303	.0960707
#3	-.006603	-.003252	.0144282	.003671	-.001408	.2793059	.0972410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000252	.0002906	24.38441	.0006307	.0053841	.0070640	.5674647
Stddev	.000030	.0000813	.08626	.0005426	.0001495	.0044911	.0316510
%RSD	11.80466	27.98480	.3537565	86.04194	2.777110	63.57740	5.577615

#1	-.000286	.0003072	24.47834	.0012532	.0052433	.0100285	.5315932
#2	-.000238	.0003623	24.36614	.0002582	.0053681	.0018968	.5914595
#3	-.000231	.0002022	24.30874	.0003806	.0055410	.0092667	.5793413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4026651	1.385904	.0038434	.0008004	327.7758	.0026713	.0603712
Stddev	.0029915	.064317	.0003088	.0002000	.6336	.0047184	.0007165
%RSD	.7429154	4.640811	8.035643	24.98536	.1933136	176.6340	1.186849

#1	.4045240	1.323222	.0041765	.0007185	328.4717	-.000063	.0604841
#2	.4042569	1.451741	.0035665	.0006543	327.6235	-.000042	.0596050
#3	.3992143	1.382750	.0037872	.0010283	327.2322	.008120	.0610246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.265122	.0049412	.0070031	-.000199	.4814540	.2910082	-.001257
Stddev	.028294	.0008389	.0005493	.000235	.0176757	.0038725	.000097
%RSD	2.236433	16.97771	7.844035	118.1120	3.671325	1.330729	7.694832

#1	1.233321	.0045758	.0075486	-.000005	.4870315	.2954635	-.001147
#2	1.274541	.0059008	.0064501	-.000460	.4616623	.2891112	-.001295
#3	1.287505	.0043469	.0070105	-.000131	.4956681	.2884500	-.001329

Sample Name: K1147-15 Acquired: 01/16/2019 17:01:06 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000043	.0026762	.0919932
Stddev	.000411	.0013951	.0002940
%RSD	945.0871	52.12897	.3195655

#1	-.000495	.0028800	.0921722
#2	.000058	.0011904	.0916539
#3	.000307	.0039581	.0921536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.088	2613.961	54483.33	5741.895	3874.931
Stddev	18.305	57.244	279.67	39.492	97.584
%RSD	.7570229	2.189936	.5133131	.6877880	2.518337

#1	2436.528	2595.224	54801.24	5700.220	3839.315
#2	2417.816	2678.225	54373.57	5746.701	3985.320
#3	2399.920	2568.433	54275.20	5778.764	3800.158

Sample Name: K1147-18 Acquired: 01/16/2019 17:04:58 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002385	-.003471	.0087681	.0012511	-.001146	.2033312	.0639082
Stddev	.000832	.000858	.0014816	.0013275	.000425	.0098017	.0004490
%RSD	34.87232	24.71332	16.89801	106.1084	37.12399	4.820558	.7025117

#1	-.001488	-.002896	.0101640	-.000254	-.000693	.2125062	.0642235
#2	-.002536	-.004456	.0072135	.002254	-.001208	.2044829	.0633942
#3	-.003131	-.003059	.0089269	.001754	-.001536	.1930046	.0641069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000283	.0002532	21.69524	.0005325	.0023470	.0057595	.5049289
Stddev	.000059	.0000973	.18116	.0003830	.0000322	.0018679	.0474817
%RSD	20.77130	38.44518	.8350082	71.93078	1.373139	32.43213	9.403648

#1	-.000273	.0001683	21.78890	.0003622	.0023789	.0063935	.4546783
#2	-.000346	.0002318	21.81039	.0002641	.0023145	.0036571	.5490456
#3	-.000230	.0003594	21.48642	.0009711	.0023477	.0072280	.5110628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3026593	1.072828	.0028378	.0006562	279.7697	.0023399	.0568117
Stddev	.0030667	.031527	.0002020	.0001627	1.4106	.0018351	.0001946
%RSD	1.013253	2.938666	7.116511	24.78663	.5041906	78.42797	.3425441

#1	.3059798	1.102020	.0028793	.0006917	281.1094	.0024946	.0569295
#2	.3020647	1.039395	.0030158	.0007981	279.9022	.0040927	.0569186
#3	.2999335	1.077068	.0026183	.0004787	278.2976	.0004323	.0565871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9652020	.0049261	.0042169	-.000337	.2718807	.2190424	-.002421
Stddev	.0534639	.0019883	.0007677	.000160	.0013221	.0008890	.000806
%RSD	5.539137	40.36174	18.20518	47.50362	.4862882	.4058743	33.28593

#1	.9403861	.0033055	.0047170	-.000232	.2711287	.2190373	-.003347
#2	.9286558	.0071448	.0046008	-.000257	.2734073	.2199340	-.001878
#3	1.026564	.0043280	.0033330	-.000521	.2711061	.2181559	-.002038

Sample Name: K1147-18 Acquired: 01/16/2019 17:04:58 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000670	-.000469	.0615640
Stddev	.000183	.000871	.0002347
%RSD	27.38867	185.8970	.3813184

#1	-.000675	.000486	.0615716
#2	-.000851	-.000671	.0613255
#3	-.000484	-.001221	.0617949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.215	2665.123	55695.70	5811.173	3990.536
Stddev	19.518	4.952	95.87	52.603	11.649
%RSD	.788544	.1858000	.1721330	.9052002	.2919252

#1	2456.677	2669.276	55620.26	5789.417	3999.786
#2	2495.585	2666.450	55663.27	5772.938	3994.369
#3	2473.384	2659.643	55803.58	5871.164	3977.453

Sample Name: K1147-21 Acquired: 01/16/2019 17:08:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004223	-.002726	.0011127	.0011893	-.000451	.0641216	.1308789
Stddev	.001366	.000123	.0005988	.0018869	.000248	.0010662	.0004274
%RSD	32.35570	4.525270	53.81854	158.6511	54.97023	1.662779	.3265226

#1	-.005372	-.002626	.0013467	.0015814	-.000516	.0629689	.1303884
#2	-.002712	-.002690	.0015591	-.000863	-.000661	.0643234	.1310768
#3	-.004586	-.002864	.0004322	.002849	-.000177	.0650724	.1311714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000371	.0004354	5.514094	.0004010	.0069089	.0020016	.0133566
Stddev	.000044	.0000187	.073992	.0001833	.0003512	.0038618	.0108538
%RSD	11.89672	4.288176	1.341862	45.71749	5.082855	192.9362	81.26215

#1	-.000324	.0004240	5.441721	.0005810	.0065527	.0009690	.0010870
#2	-.000412	.0004569	5.589605	.0002145	.0072549	-.001239	.0217048
#3	-.000375	.0004252	5.510956	.0004073	.0069191	.006275	.0172778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111447	.6008240	.0032898	.0003013	296.6717	.0037704	.0811298
Stddev	.0042614	.0593305	.0002990	.0001471	2.4321	.0031970	.0007640
%RSD	2.018244	9.874851	9.089341	48.80344	.8197926	84.79144	.9416401

#1	.2073063	.5978852	.0032340	.0004154	294.1868	.0000852	.0817783
#2	.2157303	.6615692	.0030227	.0001353	299.0474	.0054255	.0813234
#3	.2103974	.5430175	.0036128	.0003532	296.7809	.0058006	.0802876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7804567	.0035711	.0056437	-.000267	.2073354	.2141759	-.001150
Stddev	.0254329	.0012113	.0003280	.000046	.0042506	.0029565	.000462
%RSD	3.258715	33.91974	5.812585	17.28828	2.050102	1.380408	40.20953

#1	.8015379	.0031042	.0054652	-.000296	.2062686	.2109164	-.000816
#2	.7522097	.0026627	.0060222	-.000214	.2037198	.2166847	-.000957
#3	.7876224	.0049464	.0054436	-.000291	.2120178	.2149266	-.001678

Sample Name: K1147-21 Acquired: 01/16/2019 17:08:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000131	.0016260	.0169169
Stddev	.000751	.0016378	.0002076
%RSD	573.9309	100.7290	1.227159

#1	.000066	.0006553	.0169251
#2	.000502	.0007057	.0167053
#3	-.000961	.0035170	.0171202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.699	2531.383	52758.36	5493.938	3827.002
Stddev	2.965	10.103	71.28	52.309	19.180
%RSD	.1263086	.3990939	.1351052	.9521293	.5011842

#1	2345.011	2541.306	52831.93	5552.994	3839.669
#2	2347.206	2531.733	52689.61	5453.430	3836.403
#3	2350.880	2521.110	52753.55	5475.389	3804.935

Sample Name: K1147-24 Acquired: 01/16/2019 17:12:44 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004966	-.004817	.0010484	.0013640	-.000086	.0519336	.1214430
Stddev	.002336	.000443	.0009858	.0007405	.000871	.0081472	.0010503
%RSD	47.04845	9.198519	94.02817	54.29130	1014.920	15.68772	.8648403

#1	-.002353	-.005018	.0001698	.0007974	.000645	.0496206	.1204723
#2	-.005693	-.005123	.0021145	.0010927	.000147	.0609872	.1225579
#3	-.006853	-.004309	.0008611	.0022020	-.001050	.0451930	.1212988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000365	.0002966	5.114768	.0004946	.0072447	.0060458	.0101466
Stddev	.000016	.0000752	.023044	.0000735	.0000810	.0014693	.0135696
%RSD	4.295214	25.35179	.4505447	14.86461	1.118302	24.30357	133.7361

#1	-.000362	.0002358	5.095660	.0005631	.0072905	.0067331	.0251054
#2	-.000351	.0002732	5.108284	.0004169	.0071511	.0043588	.0067058
#3	-.000382	.0003807	5.140360	.0005040	.0072924	.0070456	-.001371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2298091	.6795273	.0027351	.0003982	293.4048	-.000141	.0715967
Stddev	.0002403	.0298774	.0002568	.0003231	.1626	.006187	.0007514
%RSD	.1045438	4.396795	9.387665	81.15797	.0554025	4396.974	1.049518

#1	.2299733	.6659687	.0024670	.0006942	293.2316	-.004430	.0708202
#2	.2295334	.6588332	.0027597	.0000535	293.5541	-.002943	.0723202
#3	.2299208	.7137799	.0029788	.0004467	293.4286	.006951	.0716497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6237119	.0052338	.0033806	-.000260	.2016333	.1848167	.0041430
Stddev	.0145671	.0026997	.0005033	.000184	.0018732	.0023073	.0005666
%RSD	2.335549	51.58190	14.88747	70.97869	.9290403	1.248406	13.67701

#1	.6389824	.0021584	.0039492	-.000049	.1995253	.1860757	.0042855
#2	.6099685	.0072127	.0032001	-.000393	.2031072	.1821538	.0035187
#3	.6221847	.0063302	.0029925	-.000336	.2022675	.1862207	.0046248

Sample Name: K1147-24 Acquired: 01/16/2019 17:12:44 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: TP-8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002051	-.000628	.0152734
Stddev	.0005608	.001380	.0000775
%RSD	273.4463	219.6557	.5074808

#1	-.000000	-.001599	.0151877
#2	.000840	-.001238	.0152938
#3	-.000224	.000952	.0153386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.492	2642.865	55455.30	5730.757	3998.192
Stddev	24.785	7.267	95.18	28.263	13.185
%RSD	.9992030	.2749682	.1716405	.4931821	.3297760

#1	2504.162	2643.380	55473.16	5733.988	4000.154
#2	2454.725	2649.860	55352.45	5757.265	4010.286
#3	2482.588	2635.354	55540.29	5701.016	3984.135

Sample Name: K1147-27 Acquired: 01/16/2019 17:16:37 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004308	-.003364	-.000143	.0020668	.0001527	.0648703	.0881276
Stddev	.004040	.000636	.001458	.0018364	.0004780	.0047483	.0005510
%RSD	93.79252	18.90930	1015.832	88.85282	313.0649	7.319744	.6252726

#1	-.005129	-.004072	.001490	.0040085	.0004606	.0594179	.0880966
#2	-.007874	-.003181	-.000609	.0018341	-.000398	.0670957	.0886934
#3	.000080	-.002839	-.001312	.0003578	.000396	.0680972	.0875927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000353	.0003341	10.09737	.0004183	.0057780	.0036014	.0230360
Stddev	.000052	.0000182	.06429	.0003280	.0001522	.0012790	.0175319
%RSD	14.61856	5.455356	.6367079	78.42334	2.633533	35.51366	76.10642

#1	-.000361	.0003189	10.12891	.0007768	.0057923	.0023507	.0392265
#2	-.000298	.0003291	10.02340	.0001332	.0056192	.0049069	.0254654
#3	-.000400	.0003544	10.13980	.0003448	.0059225	.0035467	.0044161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2258858	.5514761	.0033935	.0006193	260.7910	.0028000	.0415069
Stddev	.0027468	.0535942	.0002450	.0005950	.6997	.0006184	.0005803
%RSD	1.215998	9.718322	7.219755	96.08421	.2683156	22.08604	1.398175

#1	.2230395	.5924983	.0032271	.0011543	260.5246	.0031924	.0421672
#2	.2260972	.4908374	.0032786	.0007251	260.2636	.0020871	.0412754
#3	.2285208	.5710926	.0036748	-.000022	261.5848	.0031204	.0410780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7659889	.0040097	.0037688	-.000333	.1671189	.1945466	-.001760
Stddev	.0281063	.0028990	.0001104	.000156	.0069772	.0016871	.000876
%RSD	3.669286	72.29811	2.929581	46.74172	4.174982	.8671792	49.76612

#1	.7959025	.0007294	.0037095	-.000159	.1598554	.1961654	-.002300
#2	.7401304	.0062275	.0038962	-.000458	.1677319	.1927987	-.002230
#3	.7619338	.0050722	.0037008	-.000383	.1737693	.1946756	-.000749

Sample Name: K1147-27 Acquired: 01/16/2019 17:16:37 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009459	.0000676	.0203359
Stddev	.0008380	.0022052	.0000733
%RSD	88.59610	3260.793	.3602321

#1	-.000008	-.002248	.0204020
#2	.001284	.000309	.0203486
#3	.001562	.002142	.0202571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.525	2605.726	54669.03	5665.287	3964.473
Stddev	4.134	13.239	129.85	33.196	21.473
%RSD	.1694620	.5080871	.2375293	.5859560	.5416420

#1	2434.753	2609.967	54813.95	5656.331	3978.677
#2	2442.012	2616.325	54563.24	5702.042	3974.972
#3	2441.812	2590.886	54629.90	5637.488	3939.771

Sample Name: K1139-11DLX10 Acquired: 01/16/2019 17:20:30 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799655	-.008746	.5283250	-.016757	.0189777	22.89616	1.196469
Stddev	.0010596	.000354	.0069601	.002017	.0007660	.05601	.001823
%RSD	1.325020	4.049667	1.317382	12.03758	4.036371	.2446301	.1523907

#1	.0804595	-.009130	.5233389	-.017642	.0185337	22.94997	1.198572
#2	.0806879	-.008676	.5253595	-.014449	.0185372	22.83818	1.195335
#3	.0787492	-.008432	.5362767	-.018181	.0198622	22.90031	1.195499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023564	.0068010	16.13342	.2388560	.1662624	2.694329	178.3249
Stddev	.0001084	.0001610	.06132	.0019448	.0010560	.002689	.5313
%RSD	4.598324	2.367842	.3800884	.8142107	.6351440	.0998138	.2979124

#1	.0024431	.0068103	16.20292	.2384128	.1653794	2.695835	177.8767
#2	.0022350	.0066355	16.11042	.2409841	.1659757	2.695928	178.1861
#3	.0023912	.0069572	16.08693	.2371710	.1674322	2.691224	178.9117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5725510	9.096071	.1160412	-.008251	1.435832	.0602718	4.029899
Stddev	.0027919	.067949	.0011956	.000256	.187466	.0004026	.013398
%RSD	.4876250	.7470135	1.030284	3.096580	13.05624	.6679168	.3324771

#1	.5694350	9.104048	.1154342	-.008011	1.577210	.0606633	4.044800
#2	.5733931	9.024486	.1152709	-.008224	1.223183	.0602932	4.026050
#3	.5748250	9.159679	.1174184	-.008520	1.507102	.0598590	4.018846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.036589	1.069487	-.310223	.0178784	5.208460	.1235587	.1617964
Stddev	.014176	.004098	.003729	.0000714	.035020	.0010162	.0023810
%RSD	.4668342	.3832093	1.202082	.3991610	.6723768	.8224405	1.471584

#1	3.032097	1.070333	-.309759	.0178600	5.175910	.1226791	.1615664
#2	3.052467	1.065032	-.314162	.0179572	5.203956	.1246711	.1595387
#3	3.025204	1.073097	-.306747	.0178181	5.245515	.1233259	.1642840

Sample Name: K1139-11DLX10 Acquired: 01/16/2019 17:20:30 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4600179	.0209272	.1189848
Stddev	.0003972	.0015360	.0004268
%RSD	.0863465	7.339613	.3586655

#1	.4601439	.0194280	.1191191
#2	.4603367	.0208561	.1185071
#3	.4595729	.0224975	.1193283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.001	2782.247	56370.88	5863.799	4199.207
Stddev	11.982	18.862	118.03	11.562	26.018
%RSD	.4675096	.6779237	.2093750	.1971782	.6196032

#1	2549.292	2791.753	56250.00	5856.388	4219.702
#2	2571.471	2794.463	56376.82	5857.888	4207.984
#3	2568.241	2760.523	56485.83	5877.122	4169.935

Sample Name: PB116418BL Acquired: 01/16/2019 17:24:14 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000561	-.001884	-.001265	.0017297	-.000444	.0102721	-.000964
Stddev	.000841	.001212	.000795	.0003847	.000820	.0050849	.000596
%RSD	150.1299	64.33492	62.82329	22.23924	184.5501	49.50236	61.77780

#1	-.000081	-.002973	-.002155	.0019342	-.001062	.0096848	-.001559
#2	-.001532	-.000578	-.000625	.0019690	-.000757	.0055063	-.000368
#3	-.000068	-.002101	-.001016	.0012860	.000486	.0156251	-.000967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	-.000051	.0154837	.0000275	.0000631	-.002485	.0154777
Stddev	.000054	.000058	.0117250	.0000999	.0001580	.003157	.0159301
%RSD	73.34496	115.5288	75.72462	363.8089	250.4964	127.0051	102.9229

#1	-.000056	-.000112	.0094602	.0000752	.0000684	-.001513	.0325253
#2	-.000030	-.000043	.0289960	-.000087	.0002183	-.006014	.0009704
#3	-.000133	.000004	.0079948	.000095	-.000098	.000071	.0129373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000703	.0106240	-.000546	.0006015	-.180433	.0008846	-.000435
Stddev	.001259	.0063326	.000147	.0002553	.301576	.0025587	.000463
%RSD	179.2744	59.60608	26.83345	42.43693	167.1400	289.2591	106.5456

#1	.000751	.0129461	-.000571	.0004961	-.363562	-.002058	-.000489
#2	-.001405	.0154678	-.000389	.0008926	.167639	.002587	.000053
#3	-.001454	.0034582	-.000679	.0004159	-.345376	.002125	-.000869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1522535	-.000644	-.003317	-.000310	.0007978	.0016692	-.002366
Stddev	.0114677	.000442	.000445	.000134	.0040357	.0006930	.000712
%RSD	7.531990	68.59742	13.40198	43.24355	505.8365	41.51751	30.07381

#1	.1421572	-.000830	-.002947	-.000157	.0054258	.0017574	-.001699
#2	.1498816	-.000963	-.003810	-.000408	-.001044	.0009364	-.003115
#3	.1647217	-.000140	-.003194	-.000364	-.001989	.0023140	-.002286

Sample Name: PB116418BL Acquired: 01/16/2019 17:24:14 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000551	-.003207	-.000073
Stddev	.002378	.002658	.000076
%RSD	431.7973	82.89326	104.7782

#1	-.002887	-.004438	-.000112
#2	.001866	-.005026	.000015
#3	-.000631	-.000156	-.000122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.402	2701.356	53763.49	5541.042	4179.801
Stddev	7.422	4.157	243.44	30.448	9.233
%RSD	.3014150	.1538863	.4527957	.5494998	.2209036

#1	2453.972	2701.979	53564.34	5534.950	4176.529
#2	2467.956	2705.167	53691.26	5574.075	4190.225
#3	2465.276	2696.923	54034.87	5514.100	4172.649

Sample Name: PB116418BS Acquired: 01/16/2019 17:28:09 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7145420	1.893498	.9138909	F 1.661377	.7731353	1.877468
Stddev	.0058094	.008500	.0058275	.004488	.0049686	.007490
%RSD	.8130209	.4489191	.6376576	.2701493	.6426620	.3989630

#1	.7178632	1.901836	.9205969	1.666265	.7788578	1.884555
#2	.7078340	1.884844	.9110201	1.657442	.7699178	1.878217
#3	.7179288	1.893812	.9100559	1.660424	.7706303	1.869631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1929906	.1804309	.1788732	.9632651	.3717710	.1868164
Stddev	.0025168	.0010251	.0001295	.0063257	.0041080	.0006327
%RSD	1.304120	.5681158	.0723933	.6566966	1.104990	.3386872

#1	.1953345	.1814974	.1790155	.9631330	.3708649	.1874947
#2	.1933066	.1794531	.1787623	.9696559	.3681916	.1862422
#3	.1903307	.1803421	.1788419	.9570065	.3762564	.1867123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3004579	2.843432	.1900484	1.865016	.4761024	.0649029
Stddev	.0084590	.024349	.0018112	.057782	.0020258	.0009093
%RSD	2.815370	.8563214	.9530402	3.098208	.4254974	1.400980

#1	.3101630	2.838316	.1909944	1.928741	.4782716	.0642976
#2	.2965607	2.822047	.1879600	1.850274	.4742596	.0644626
#3	.2946500	2.869932	.1911907	1.816032	.4757760	.0659485

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.819380	.2839060	.1862596	9.795923	5.543050	.2654242
Stddev	.095683	.0030165	.0018665	.149123	.008711	.0009198
%RSD	3.393752	1.062506	1.002112	1.522298	.1571496	.3465472

#1	2.794588	.2867588	.1858865	9.926234	5.550191	.2660700
#2	2.925018	.2807489	.1846077	9.828246	5.533345	.2643710
#3	2.738532	.2842104	.1882844	9.633289	5.545614	.2658316

Sample Name: PB116418BS Acquired: 01/16/2019 17:28:09 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3841318	-.000989	.8984574	.6908508	.1985647	.1822694
Stddev	.0018370	.001117	.0053469	.0006134	.0027425	.0012585
%RSD	.4782099	112.9059	.5951236	.0887860	1.381158	.6904380

#1	.3862511	-.001231	.9042743	.6915589	.2016630	.1833663
#2	.3829959	.000229	.8937566	.6905094	.1964484	.1825463
#3	.3831485	-.001965	.8973411	.6904840	.1975827	.1808955

Elem	Sr4077
Units	ppm
Avg	.1793193
Stddev	.0018356
%RSD	1.023636

#1	.1812785
#2	.1790398
#3	.1776394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.208	2809.833	58461.68	5900.300	4402.276
Stddev	18.804	7.817	366.93	38.985	11.841
%RSD	.7049905	.2781872	.6276375	.6607308	.2689744

#1	2668.579	2801.270	58575.61	5857.075	4389.769
#2	2685.289	2816.586	58758.12	5911.025	4413.314
#3	2647.757	2811.643	58051.30	5932.800	4403.744

Sample Name: K1152-02 Acquired: 01/16/2019 17:31:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031219	.0000666	.0006210	-.001815	-.001552	.0663150	.0161498
Stddev	.0019689	.0010923	.0015012	.000983	.000939	.0062619	.0002280
%RSD	63.06757	1641.006	241.7577	54.14086	60.49066	9.442710	1.411602

#1	.0008497	.0008406	.0003830	-.000778	-.000726	.0706650	.0158866
#2	.0043257	-.001183	-.000747	-.002732	-.001357	.0591380	.0162823
#3	.0041903	.000542	.002227	-.001935	-.002572	.0691421	.0162805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000144	-.000008	44.62199	.0003924	-.000809	-.001048	.0430641
Stddev	.0000143	.000024	.24455	.0004052	.000186	.002034	.0202345
%RSD	98.77170	300.6012	.5480496	103.2734	23.05468	194.1393	46.98702

#1	.0000264	-.000014	44.34013	.0004949	-.000601	-.001890	.0199662
#2	-.000001	.000019	44.77781	-.000054	-.000864	.001272	.0576630
#3	.000018	-.000029	44.74804	.000736	-.000962	-.002526	.0515631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057823	82.41101	-.000216	.0010182	659.1932	.0029264	.0031532
Stddev	.0004407	.73828	.000048	.0002343	3.6399	.0052014	.0001958
%RSD	7.621185	.8958492	22.41043	23.00796	.5521819	177.7385	6.208708

#1	.0057275	81.56232	-.000176	.0011612	655.0408	.0088210	.0031612
#2	.0053715	82.90498	-.000202	.0011456	660.7061	.0009767	.0029536
#3	.0062478	82.76574	-.000270	.0007479	661.8327	-.001018	.0033449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.77802	.0372018	.2870589	.0004228	59.78724	2.271539	-.003387
Stddev	.22401	.0015199	.0020622	.0000941	.60402	.020064	.000708
%RSD	.8365272	4.085602	.7183714	22.24708	1.010288	.8832721	20.89457

#1	26.54016	.0354619	.2849685	.0003678	59.36319	2.248676	-.002604
#2	26.80896	.0382710	.2871166	.0003692	59.51972	2.279727	-.003574
#3	26.98495	.0378726	.2890915	.0005314	60.47883	2.286213	-.003981

Sample Name: K1152-02 Acquired: 01/16/2019 17:31:50 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001997	.0001190	.5174240
Stddev	.001068	.0012541	.0054723
%RSD	53.49618	1053.853	1.057600

#1	-.000764	.0014904	.5122896
#2	-.002653	-.000969	.5168014
#3	-.002574	-.000164	.5231809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.893	2626.533	55311.76	5739.231	3858.335
Stddev	12.236	23.122	158.01	58.493	33.947
%RSD	.4865580	.8803111	.2856632	1.019180	.8798410

#1	2521.486	2637.544	55447.48	5806.397	3876.718
#2	2522.419	2642.091	55349.49	5711.809	3879.126
#3	2500.774	2599.964	55138.30	5699.486	3819.161

Sample Name: CCV06 Acquired: 01/16/2019 17:35:38 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.795222	4.955724	4.809283	4.635214	4.887733	9.527654	9.889350
Stddev	.027736	.019033	.034078	.027721	.029322	.034109	.021960
%RSD	.5784139	.3840523	.7085896	.5980453	.5999128	.3580023	.2220583

#1	4.770783	4.947289	4.785600	4.612296	4.871984	9.503768	9.889785
#2	4.789515	4.942367	4.793909	4.627321	4.869651	9.566718	9.911090
#3	4.825368	4.977517	4.848339	4.666025	4.921565	9.512477	9.867176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2365204	2.313302	23.46132	.9609491	2.405712	1.248610	4.959384
Stddev	.0012349	.018816	.07017	.0008481	.015256	.009861	.017468
%RSD	.5221289	.8133758	.2990982	.0882510	.6341528	.7897511	.3522166

#1	.2359536	2.297477	23.44671	.9614571	2.394166	1.237344	4.957693
#2	.2356706	2.308322	23.53764	.9599701	2.399962	1.255673	4.942822
#3	.2379370	2.334107	23.39960	.9614201	2.423007	1.252814	4.977635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.351442	22.86182	2.443829	1.162511	23.50387	2.369285	2.539300
Stddev	.014065	.13240	.013212	.005121	.06795	.016316	.007115
%RSD	.5981628	.5791503	.5406362	.4405358	.2890977	.6886346	.2801945

#1	2.335264	22.71400	2.432401	1.166527	23.47101	2.359978	2.534633
#2	2.358288	22.90193	2.440790	1.156744	23.58200	2.388125	2.535779
#3	2.360774	22.96953	2.458296	1.164263	23.45860	2.359753	2.547489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.04899	5.061362	4.664658	4.664273	4.637898	4.627682	4.783230
Stddev	.07688	.026394	.016927	.027844	.025632	.025299	.033464
%RSD	.3069242	.5214791	.3628717	.5969595	.5526666	.5466810	.6996088

#1	24.96048	5.038265	4.655260	4.641403	4.629947	4.612137	4.755926
#2	25.09926	5.055691	4.654515	4.656137	4.617184	4.614036	4.773203
#3	25.08722	5.090130	4.684198	4.695279	4.666564	4.656874	4.820561

Sample Name: CCV06 Acquired: 01/16/2019 17:35:38 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.774497	4.746371	4.659972
Stddev	.018332	.013125	.008492
%RSD	.3839556	.2765257	.1822414

#1	4.753341	4.733388	4.650297
#2	4.784460	4.759633	4.666195
#3	4.785691	4.746091	4.663423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.869	2661.332	54787.65	5701.820	4080.527
Stddev	5.529	6.906	178.13	6.993	14.383
%RSD	.2246710	.2594872	.3251219	.1226444	.3524741

#1	2456.473	2668.056	54589.30	5704.595	4094.185
#2	2459.058	2661.682	54839.70	5693.866	4081.881
#3	2467.076	2654.258	54933.95	5707.000	4065.516

Sample Name: CCB06 Acquired: 01/16/2019 17:39:08 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000858	-.000089	-.000507	-.000128	-.000777	-.007870	-.000934
Stddev	.003015	.001440	.000832	.003178	.000725	.007316	.000119
%RSD	351.4043	1615.675	164.3261	2489.322	93.28691	92.94877	12.78707

#1	-.000299	.001441	-.000990	.000244	.000023	-.003206	-.000837
#2	-.004113	-.000291	.000455	-.003475	-.001391	-.004104	-.000898
#3	.001838	-.001418	-.000985	.002848	-.000965	-.016302	-.001068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0000332	.0086351	.0000363	.0000529	-.001007	.0056420
Stddev	.000038	.0000252	.0140143	.0002877	.0000945	.002261	.0210907
%RSD	64.65658	75.85643	162.2941	793.1179	178.4909	224.4916	373.8193

#1	-.000033	.0000618	.0042683	.0002454	-.000018	-.000490	-.010933
#2	-.000101	.0000144	.0243129	.0001553	.000160	-.003482	-.001523
#3	-.000040	.0000234	-.002676	-.000292	.000017	.000951	.029382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000506	.0284161	-.000188	.0009501	.0091900	.0026826	-.000439
Stddev	.000429	.0255097	.000174	.0001790	.3020745	.0023291	.000120
%RSD	84.89132	89.77211	92.16630	18.83829	3286.985	86.82314	27.33757

#1	-.000868	.0090641	-.000354	.0008272	.1575995	.0053641	-.000573
#2	-.000032	.0188601	-.000202	.0011554	.2083530	.0011636	-.000400
#3	-.000617	.0573241	-.000008	.0008676	-.338383	.0015201	-.000343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1313021	-.000614	.0045290	-.000249	.0027931	.0024781	-.000993
Stddev	.0628464	.000847	.0009433	.000253	.0025470	.0009608	.000708
%RSD	47.86401	137.9725	20.82902	101.9352	91.18846	38.77220	71.31340

#1	.0597271	.000112	.0035213	-.000048	.0016806	.0022348	-.000248
#2	.1774549	-.000409	.0046745	-.000164	.0009917	.0035372	-.001074
#3	.1567242	-.001545	.0053910	-.000534	.0057072	.0016624	-.001657

Sample Name: CCB06 Acquired: 01/16/2019 17:39:08 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001109	.0000563	-.000021
Stddev	.001820	.0005491	.000050
%RSD	164.0040	974.5095	236.3775

#1	-.002813	.0005698	-.000073
#2	-.001323	-.000523	.000028
#3	.000807	.000122	-.000019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.335	2752.548	55721.21	5816.317	4266.796
Stddev	2.330	20.669	251.79	17.583	36.507
%RSD	.0921397	.7508905	.4518800	.3023115	.8555953

#1	2528.766	2771.172	55835.72	5800.500	4300.882
#2	2525.820	2756.162	55895.40	5835.250	4271.231
#3	2530.419	2730.311	55432.51	5813.200	4228.274

Sample Name: K1152-01 Acquired: 01/16/2019 17:43:01 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025281	.0020964	.0009291	-.003594	-.001719	.0188920	.0170895
Stddev	.0033270	.0005246	.0010621	.002113	.001212	.0106716	.0004414
%RSD	131.6025	25.02274	114.3240	58.80534	70.49207	56.48733	2.582602

#1	.0019499	.0018152	.0000400	-.001486	-.002883	.0299739	.0169091
#2	.0061062	.0027016	.0006419	-.005713	-.000465	.0180174	.0167669
#3	-.000472	.0017724	.0021053	-.003582	-.001808	.0086846	.0175924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000526	-.000030	47.18940	.0003899	-.000622	-.001461	.0282785
Stddev	.0000480	.000109	.16844	.0000962	.000121	.000761	.0176919
%RSD	91.26905	362.3324	.3569375	24.68862	19.48268	52.09880	62.56295

#1	.0001079	.000087	47.38385	.0004137	-.000599	-.001750	.0312302
#2	.0000225	-.000048	47.08855	.0004719	-.000754	-.002036	.0092965
#3	.0000273	-.000129	47.09580	.0002839	-.000515	-.000598	.0443089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048238	92.04973	-.000024	.0012743	745.1135	-.001709	.0016550
Stddev	.0010727	.47038	.000283	.0002972	1.7240	.004354	.0004666
%RSD	22.23769	.5110107	1176.096	23.32756	.2313688	254.7843	28.19350

#1	.0052976	92.52984	.000184	.0015226	744.7939	-.005766	.0021811
#2	.0035958	91.58972	-.000346	.0009449	746.9749	-.002253	.0012911
#3	.0055780	92.02964	.000090	.0013553	743.5717	.002892	.0014930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.58144	.0339734	.3379806	.0004571	68.43414	2.350547	-.003817
Stddev	.09563	.0016562	.0018749	.0002078	.48117	.002656	.000409
%RSD	.3126909	4.875044	.5547260	45.46652	.7031128	.1129892	10.70242

#1	30.65626	.0349815	.3395194	.0002322	68.06102	2.352531	-.004223
#2	30.61435	.0320619	.3358924	.0004969	68.26417	2.351580	-.003406
#3	30.47370	.0348769	.3385300	.0006421	68.97722	2.347530	-.003822

Sample Name: K1152-01 Acquired: 01/16/2019 17:43:01 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001712	.0024546	.5779836
Stddev	.001253	.0012755	.0005702
%RSD	73.19731	51.96446	.0986512

#1	-.001681	.0037282	.5773311
#2	-.000474	.0024585	.5782332
#3	-.002979	.0011771	.5783864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.205	2745.031	57483.52	5863.604	3997.568
Stddev	12.922	13.270	148.29	8.514	17.869
%RSD	.4929944	.4834035	.2579624	.1452049	.4469989

#1	2635.145	2750.607	57568.22	5861.305	4004.835
#2	2618.847	2754.603	57570.05	5873.032	4010.658
#3	2609.625	2729.883	57312.30	5856.476	3977.210

Sample Name: K1152-01DUP Acquired: 01/16/2019 17:46:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037860	.0025175	.0011631	-.002709	-.001427	.0177550	.0159017
Stddev	.0011478	.0019008	.0007451	.001593	.000623	.0063198	.0008310
%RSD	30.31645	75.50189	64.05929	58.78388	43.69156	35.59442	5.225925

#1	.0048264	.0045977	.0013174	-.003674	-.001605	.0242422	.0149477
#2	.0039769	.0020836	.0003530	-.003584	-.001942	.0174055	.0164679
#3	.0025548	.0008712	.0018190	-.000871	-.000734	.0116172	.0162896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000561	-.000023	46.35269	.0003197	-.000718	-.000141	.0202676
Stddev	.0000425	.000068	.46714	.0001874	.000129	.001894	.0085117
%RSD	75.83861	293.2555	1.007798	58.59155	17.91766	1345.677	41.99675

#1	.0000586	-.000102	45.88189	.0001797	-.000585	-.001840	.0143477
#2	.0000124	.000009	46.36009	.0005326	-.000842	.001901	.0300221
#3	.0000973	.000023	46.81608	.0002470	-.000725	-.000484	.0164331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055316	90.59312	.0002287	.0011189	738.5661	.0025463	.0016563
Stddev	.0003009	.47862	.0005987	.0004151	3.0749	.0056930	.0001039
%RSD	5.438788	.5283160	261.7536	37.09720	.4163393	223.5822	6.274106

#1	.0056793	90.04206	-.000066	.0006533	736.6928	.0086696	.0017366
#2	.0051855	90.90501	-.000165	.0012533	736.8907	-.002586	.0015389
#3	.0057301	90.83230	.000918	.0014502	742.1149	.001555	.0016933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.28601	.0342766	.3264657	.0005859	68.46427	2.274693	-.003788
Stddev	.13337	.0008228	.0032679	.0000278	.67609	.019151	.000612
%RSD	.4403615	2.400380	1.000994	4.735670	.9875015	.8419192	16.15361

#1	30.18202	.0336977	.3230955	.0005963	68.82331	2.257453	-.004329
#2	30.23964	.0339137	.3266808	.0005545	67.68441	2.271319	-.003912
#3	30.43637	.0352185	.3296207	.0006070	68.88510	2.295307	-.003124

Sample Name: K1152-01DUP Acquired: 01/16/2019 17:46:50 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002118	.0018302	.5750611
Stddev	.000770	.0006404	.0001379
%RSD	36.36623	34.99217	.0239809

#1	-.002331	.0015626	.5752161
#2	-.002759	.0025611	.5749519
#3	-.001264	.0013670	.5750153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.609	2726.320	57577.42	5999.143	3971.841
Stddev	22.033	20.059	478.55	45.854	31.050
%RSD	.8423807	.7357475	.8311490	.7643403	.7817475

#1	2620.613	2714.959	58121.61	6051.434	3951.268
#2	2591.504	2749.480	57388.43	5980.194	4007.557
#3	2634.709	2714.520	57222.22	5965.800	3956.697

Sample Name: K1152-01LX5 Acquired: 01/16/2019 17:50:38 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006374	.0021660	.0003011	-.001757	-.000627	.0005521	.0015634
Stddev	.0024420	.0009988	.0015716	.001903	.000436	.0042210	.0009047
%RSD	383.1423	46.11063	521.9246	108.2954	69.54069	764.4900	57.87136

#1	.0031474	.0030762	.0021098	-.002302	-.000331	-.004206	.0006222
#2	.0004953	.0023242	-.000475	-.003328	-.001128	.002016	.0024266
#3	-.001731	.0010976	-.000732	.000359	-.000422	.003846	.0016413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000068	-.000039	9.683360	.0000249	-.000130	.0018447	-.002400
Stddev	.0000704	.000021	.063573	.0002795	.000156	.0013296	.012162
%RSD	1038.572	53.03741	.6565221	1124.374	119.6504	72.07929	506.7677

#1	.0000244	-.000045	9.744027	-.000249	-.000174	.0025775	.011522
#2	.0000666	-.000016	9.617232	.000310	.000043	.0003099	-.007765
#3	-.000071	-.000055	9.688822	.000013	-.000259	.0026467	-.010957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005001	18.25411	.0000719	.0011295	152.4965	.0056184	.0001882
Stddev	.0013171	.23179	.0002912	.0001594	.6982	.0018783	.0001952
%RSD	263.3443	1.269790	405.0616	14.10911	.4578209	33.43093	103.7036

#1	.0004540	18.34625	.0000710	.0011072	153.2358	.0068947	.0003332
#2	-.000793	18.42566	.0003635	.0012988	151.8485	.0034616	.0002651
#3	.001840	17.99042	-.000219	.0009824	152.4050	.0064988	-.000034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.255805	.0074265	.0646054	-.000073	12.67745	.4644892	-.002080
Stddev	.047002	.0010583	.0003981	.000146	.07063	.0022109	.000452
%RSD	.7513269	14.25063	.6161941	200.9525	.5571045	.4759802	21.71243

#1	6.213304	.0064534	.0641459	.000022	12.75853	.4633889	-.001559
#2	6.247827	.0085533	.0648477	-.000241	12.62934	.4630443	-.002349
#3	6.306286	.0072729	.0648225	.000001	12.64447	.4670343	-.002333

Sample Name: K1152-01LX5 Acquired: 01/16/2019 17:50:38 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000529	.0051419	.1191341
Stddev	.000438	.0027921	.0000868
%RSD	82.83551	54.30071	.0728633

#1	-.000763	.0025717	.1192341
#2	-.000023	.0047415	.1190782
#3	-.000800	.0081126	.1190900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.266	2884.562	58379.17	5992.883	4456.818
Stddev	28.334	27.844	349.15	23.331	39.585
%RSD	1.071132	.9652617	.5980652	.3893190	.8881898

#1	2622.584	2852.990	57992.78	6006.900	4411.515
#2	2636.187	2895.086	58472.72	6005.800	4474.206
#3	2677.027	2905.609	58672.01	5965.950	4484.733

Sample Name: K1152-01MS Acquired: 01/16/2019 17:54:26 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7436770	1.795891	.9204835	1.721743	.7096149	1.955071	.2083566
Stddev	.0102203	.007348	.0064708	.008968	.0046846	.007376	.0011994
%RSD	1.374293	.4091368	.7029778	.5208442	.6601643	.3772623	.5756388

#1	.7553544	1.803997	.9277651	1.731904	.7149974	1.947349	.2070025
#2	.7363606	1.794004	.9153917	1.714937	.7073891	1.955823	.2092852
#3	.7393161	1.789670	.9182938	1.718387	.7064581	1.962043	.2087821

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1922856	.1808431	47.95078	.3722584	.1877316	.2957966	2.852435
Stddev	.0005269	.0009470	.27776	.0014554	.0009760	.0029842	.051193
%RSD	.2740231	.5236610	.5792520	.3909593	.5198706	1.008851	1.794714

#1	.1928869	.1818684	47.73274	.3724980	.1888021	.2969563	2.846635
#2	.1919046	.1806598	47.85611	.3706981	.1875014	.2924066	2.804389
#3	.1920653	.1800012	48.26350	.3735792	.1868913	.2980267	2.906281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927178	93.72580	.4730883	.0732600	748.9142	.2906136	.2042042
Stddev	.0022099	.69319	.0029463	.0003018	3.1066	.0131868	.0010034
%RSD	1.146679	.7395924	.6227916	.4119041	.4148180	4.537574	.4913688

#1	.1908890	93.06952	.4761829	.0735454	745.4980	.2809492	.2036513
#2	.1920909	93.65711	.4727651	.0732903	749.6745	.2852555	.2035990
#3	.1951733	94.45078	.4703168	.0729442	751.5701	.3056361	.2053625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.03008	6.454948	.6155354	.3518923	67.34463	3.200898	.6833983
Stddev	.23644	.034122	.0038826	.0016905	.37623	.002424	.0020852
%RSD	.5762723	.5286106	.6307618	.4804014	.5586644	.0757152	.3051142

#1	40.77580	6.486711	.6175504	.3536324	67.74479	3.203607	.6847087
#2	41.07113	6.459256	.6179963	.3517883	67.29102	3.200155	.6844923
#3	41.24332	6.418877	.6110596	.3502563	66.99808	3.198934	.6809938

Sample Name: K1152-01MS Acquired: 01/16/2019 17:54:26 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1888304	.1992087	.7568527
Stddev	.0019038	.0015551	.0024945
%RSD	1.008232	.7806149	.3295863

#1	.1866450	.1983621	.7539921
#2	.1901295	.1982606	.7579913
#3	.1897167	.2010034	.7585748

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.370	2786.452	57624.92	5861.661	4028.804
Stddev	17.310	12.824	273.77	26.543	14.161
%RSD	.6659498	.4602243	.4750813	.4528173	.3515057

#1	2616.850	2771.648	57865.10	5884.137	4012.616
#2	2599.027	2793.589	57682.81	5868.468	4038.902
#3	2582.234	2794.120	57326.83	5832.378	4034.894

Sample Name: K1152-01MSD Acquired: 01/16/2019 17:58:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7342599	1.794671	.9162375	1.708044	.7077594	1.894666	.2018514
Stddev	.0119187	.020121	.0097831	.020583	.0078898	.012486	.0015277
%RSD	1.623229	1.121125	1.067746	1.205083	1.114755	.6589850	.7568235

#1	.7420551	1.789646	.9116928	1.717035	.7088881	1.902450	.2033944
#2	.7401849	1.816828	.9274663	1.722601	.7150240	1.901283	.2018201
#3	.7205398	1.777539	.9095533	1.684494	.6993660	1.880265	.2003395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1877592	.1794082	46.75446	.3656254	.1871462	.2900837	2.794567
Stddev	.0004145	.0016446	.17772	.0013115	.0015418	.0061095	.025332
%RSD	.2207375	.9166627	.3801142	.3587084	.8238378	2.106122	.9064819

#1	.1881685	.1788803	46.91135	.3666006	.1873345	.2868567	2.813795
#2	.1873398	.1812518	46.56145	.3661411	.1885852	.2862644	2.765863
#3	.1877694	.1780923	46.79056	.3641344	.1855189	.2971301	2.804042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1898211	91.32311	.4693426	.0739652	727.3995	.2850557	.2009012
Stddev	.0019497	.49386	.0068731	.0007615	4.3723	.0023241	.0013610
%RSD	1.027139	.5407790	1.464417	1.029506	.6010931	.8153285	.6774572

#1	.1910113	91.86241	.4698458	.0745763	732.4387	.2831455	.2023489
#2	.1875710	90.89297	.4759503	.0742071	725.1487	.2876433	.2007071
#3	.1908809	91.21395	.4622317	.0731121	724.6111	.2843784	.1996477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.96370	6.427913	.6075732	.3510683	66.65967	3.132390	.6794801
Stddev	.26667	.074336	.0017177	.0031191	.71015	.009356	.0073689
%RSD	.6672813	1.156464	.2827108	.8884565	1.065344	.2986825	1.084497

#1	40.22889	6.425957	.6095230	.3522819	66.71690	3.138222	.6798596
#2	39.96663	6.503207	.6062836	.3533981	67.33948	3.121599	.6866519
#3	39.69558	6.354573	.6069130	.3475248	65.92263	3.137350	.6719287

Sample Name: K1152-01MSD Acquired: 01/16/2019 17:58:02 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1842628	.1899690	.7362926
Stddev	.0024054	.0019894	.0068800
%RSD	1.305418	1.047231	.9344105

#1	.1857867	.1920664	.7424871
#2	.1855120	.1881088	.7375029
#3	.1814899	.1897319	.7288877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.557	2776.429	58015.90	5970.054	4026.421
Stddev	13.887	19.840	395.70	7.032	35.680
%RSD	.5291324	.7145702	.6820554	.1177860	.8861569

#1	2624.800	2778.150	57996.23	5970.799	4040.553
#2	2610.549	2755.785	57630.41	5976.684	3985.839
#3	2638.321	2795.352	58421.07	5962.680	4052.871

Sample Name: K1152-01A Acquired: 01/16/2019 18:01:40 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7446525	1.802230	.9253594	1.725040	.7143896	1.942135	.2051483
Stddev	.0073069	.018096	.0079040	.010818	.0029840	.007775	.0016215
%RSD	.9812425	1.004071	.8541580	.6271206	.4177030	.4003383	.7903798

#1	.7400565	1.786921	.9181386	1.713356	.7132193	1.936486	.2034373
#2	.7408229	1.797570	.9241356	1.727055	.7121680	1.951003	.2053454
#3	.7530782	1.822201	.9338039	1.734709	.7177814	1.938917	.2066621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1934311	.1815251	47.67362	.3697661	.1882434	.2942359	2.846765
Stddev	.0006284	.0013201	.02175	.0004914	.0011407	.0026227	.011181
%RSD	.3248476	.7272249	.0456230	.1329031	.6059725	.8913606	.3927578

#1	.1929957	.1806641	47.69831	.3698153	.1871476	.2914236	2.836209
#2	.1941515	.1808662	47.66526	.3702312	.1881584	.2946689	2.845606
#3	.1931463	.1830449	47.65729	.3692520	.1894242	.2966151	2.858480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927541	93.19232	.4729134	.0735040	743.1628	.2875608	.2009181
Stddev	.0005386	.27621	.0031044	.0008593	2.5043	.0051795	.0006991
%RSD	.2794244	.2963874	.6564328	1.169111	.3369791	1.801178	.3479539

#1	.1921643	92.87872	.4703380	.0740257	743.2667	.2902872	.2009963
#2	.1928780	93.39945	.4720417	.0739741	740.6082	.2815876	.2015748
#3	.1932199	93.29878	.4763603	.0725121	745.6136	.2908076	.2001832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.80209	6.440803	.6231137	.3538065	67.22111	3.216344	.6857863
Stddev	.18073	.054294	.0011234	.0023436	.56125	.014145	.0058846
%RSD	.4429336	.8429623	.1802807	.6623879	.8349376	.4397698	.8580858

#1	40.68676	6.395117	.6221741	.3520133	66.79656	3.216505	.6806970
#2	40.70915	6.426466	.6243579	.3529479	67.00934	3.230407	.6844317
#3	41.01038	6.500826	.6228090	.3564583	67.85744	3.202119	.6922301

Sample Name: K1152-01A Acquired: 01/16/2019 18:01:40 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1880516	.1939593	.7530027
Stddev	.0012839	.0018379	.0036258
%RSD	.6827577	.9475845	.4815069

#1	.1865824	.1957136	.7511933
#2	.1886143	.1920478	.7506377
#3	.1889581	.1941165	.7571771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.745	2746.082	57201.95	5785.493	3981.891
Stddev	4.323	15.648	275.88	7.942	23.552
%RSD	.1661763	.5698366	.4822983	.1372827	.5914682

#1	2597.927	2759.467	57102.52	5793.774	4002.809
#2	2600.869	2749.902	56989.56	5777.939	3986.483
#3	2606.440	2728.878	57513.76	5784.768	3956.382

Sample Name: CCV07 Acquired: 01/16/2019 18:05:15 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.648566	4.775473	4.627172	4.519483	4.741328	9.338219
Stddev	.012501	.016078	.015444	.003671	.008151	.053565
%RSD	.2689319	.3366732	.3337629	.0812256	.1719138	.5736093

#1	4.658390	4.780101	4.624118	4.515339	4.748990	9.384564
#2	4.634494	4.757589	4.613484	4.522328	4.732763	9.279574
#3	4.652815	4.788730	4.643915	4.520781	4.742232	9.350518

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.694453	.2306472	F 2.227774	22.98053	.9335808	2.313590
Stddev	.064582	.0008637	.006305	.02380	.0018019	.008945
%RSD	.6661788	.3744678	.2830246	.1035815	.1930123	.3866450

#1	9.760572	.2316360	2.222230	22.95503	.9315011	2.310849
#2	9.631525	.2302657	2.226457	23.00216	.9345666	2.306336
#3	9.691263	.2300399	2.234633	22.98441	.9346748	2.323585

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.223456	4.904432	2.302456	F 22.37482	2.346602	1.132560
Stddev	.006468	.047978	.009480	.06195	.009481	.002824
%RSD	.5286965	.9782620	.4117232	.2768559	.4040399	.2493079

#1	1.226764	4.959809	2.308902	22.42039	2.343219	1.130727
#2	1.216002	4.878130	2.291571	22.30429	2.339276	1.135812
#3	1.227601	4.875357	2.306894	22.39978	2.357311	1.131142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.67208	2.321164	2.487185	25.00311	4.879405	4.552439
Stddev	.16558	.016242	.015720	.13732	.027048	.005572
%RSD	.6994925	.6997453	.6320226	.5492193	.5543217	.1223944

#1	23.80595	2.339781	2.505124	24.96296	4.886334	4.551369
#2	23.48692	2.313821	2.475818	24.89033	4.849567	4.558469
#3	23.72338	2.309890	2.480613	25.15603	4.902314	4.547480

Sample Name: CCV07 Acquired: 01/16/2019 18:05:15 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.525797	4.504445	4.526344	4.606100	4.670306	4.676234
Stddev	.008039	.019809	.005371	.018172	.018641	.023166
%RSD	.1776373	.4397697	.1186699	.3945267	.3991417	.4954028
#1	4.526893	4.481765	4.532449	4.603603	4.691792	4.697726
#2	4.517266	4.513208	4.524235	4.589306	4.658434	4.651695
#3	4.533233	4.518361	4.522346	4.625392	4.660693	4.679280

Elem	Sr4077
Units	ppm
Avg	4.611617
Stddev	.025242
%RSD	.5473613
#1	4.635930
#2	4.585538
#3	4.613383

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.604	2719.489	55932.53	5804.386	4189.189
Stddev	10.900	6.251	177.56	14.914	10.197
%RSD	.4371295	.2298478	.3174556	.2569453	.2434191
#1	2486.544	2713.266	56133.94	5811.276	4185.408
#2	2506.158	2725.767	55865.03	5814.609	4200.736
#3	2488.110	2719.433	55798.61	5787.273	4181.421

Sample Name: CCB07 Acquired: 01/16/2019 18:08:46 Type: Unk
Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000514	-.000201	-.000826	.0024722	.0005816	-.002123	-.001288
Stddev	.001937	.001042	.000866	.0010595	.0002925	.005692	.000563
%RSD	377.0033	519.2593	104.9107	42.85781	50.28729	268.1382	43.71537

#1	-.002686	.000959	-.000416	.0015930	.0002462	-.003435	-.001502
#2	.000107	-.000501	-.000240	.0021750	.0007838	.004111	-.001713
#3	.001037	-.001060	-.001821	.0036485	.0007148	-.007044	-.000649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0000371	.0105040	-.000054	.0000509	-.000979	-.003039
Stddev	.000041	.0000172	.0064763	.000336	.0001038	.001649	.009298
%RSD	159.4561	46.22520	61.65563	616.9518	204.0619	168.4243	306.0006

#1	.000011	.0000229	.0174031	-.000235	.0000806	-.002693	.001669
#2	-.000018	.0000561	.0095534	.000333	.0001366	.000597	.002965
#3	-.000071	.0000323	.0045555	-.000261	-.000065	-.000841	-.013749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000739	-.005073	-.000199	.0008608	.2325050	-.000093	-.000666
Stddev	.000062	.022783	.000267	.0003462	.2146481	.006650	.000123
%RSD	8.406808	449.0685	134.1090	40.21742	92.31981	7163.004	18.46293

#1	-.000671	.021088	.000007	.0004857	.4320669	.004950	-.000557
#2	-.000794	-.020557	-.000104	.0011680	.0054248	.002401	-.000799
#3	-.000753	-.015751	-.000501	.0009288	.2600232	-.007629	-.000641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2956993	.0009306	.0053206	.0000160	.0038224	.0034063	-.000857
Stddev	.0228326	.0025222	.0004203	.0002018	.0025413	.0004747	.000158
%RSD	7.721580	271.0339	7.899121	1263.114	66.48477	13.93513	18.38383

#1	.3042370	-.000132	.0056771	.0001428	.0056560	.0038382	-.001039
#2	.3130327	-.000887	.0054275	.0001219	.0009215	.0028981	-.000763
#3	.2698281	.003810	.0048572	-.000217	.0048897	.0034825	-.000769

Sample Name: CCB07 Acquired: 01/16/2019 18:08:46 Type: Unk
 Method: NON EPA-6010-200.7(v50) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001515	.0066380	-.000027
Stddev	.000830	.0003170	.000019
%RSD	54.76131	4.775040	69.76391

#1	-.000567	.0064573	-.000012
#2	-.001870	.0070040	-.000020
#3	-.002109	.0064527	-.000048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.913	2799.354	56467.45	5924.617	4368.373
Stddev	11.283	6.457	223.46	36.110	15.089
%RSD	.4407441	.2306741	.3957392	.6094989	.3454244

#1	2550.539	2805.195	56219.84	5942.850	4377.048
#2	2556.764	2800.447	56528.39	5947.975	4377.123
#3	2572.436	2792.420	56654.12	5883.025	4350.950