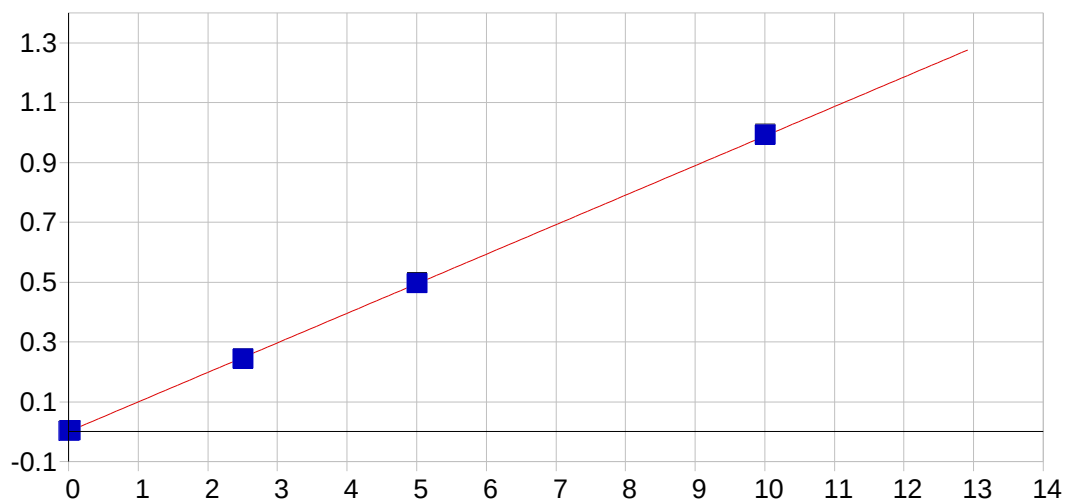


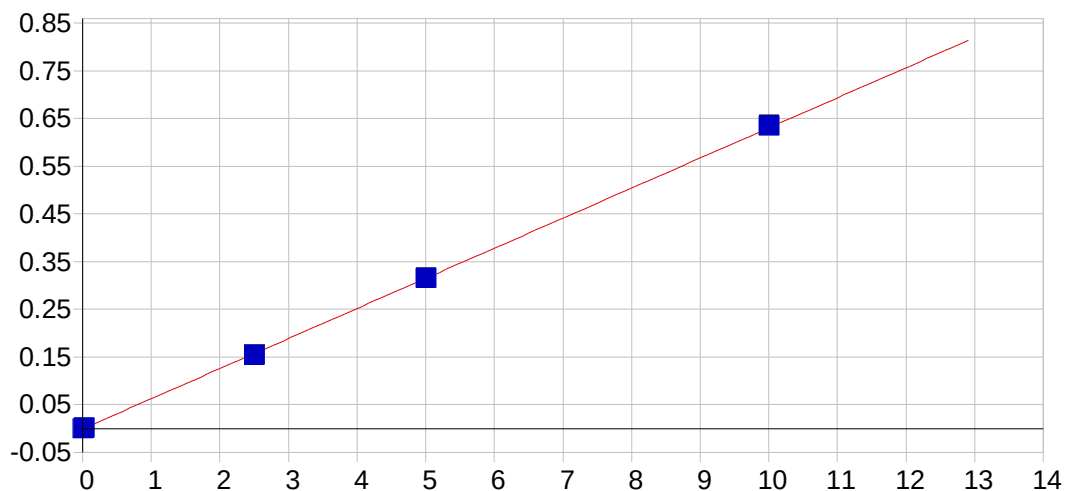


As 189.042 {478}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.098786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003528
 Predicted MQL: 0.011761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.02000	.01961	-.000	-1.97	.00181	.000	1
S3	2.5000	2.4529	-.047	-1.89	.24217	.001	1
S4	5.0000	5.0039	.004	.078	.49416	.002	1
S5	10.000	10.044	.044	.436	.99198	.002	1



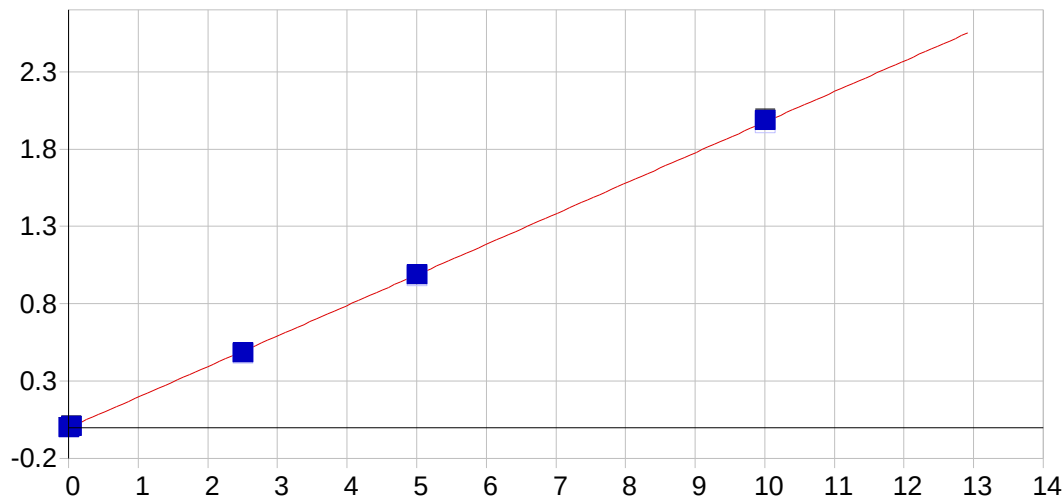
As 189.042 {479}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000416 Re-Slope: 1.000000

A1 (Gain): 0.063105 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003559
 Predicted MQL: 0.011863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00042	.000	1
S1	.02000	.02396	.004	19.8	.00110	.000	1
S3	2.5000	2.4511	-.049	-1.96	.15426	.000	1
S4	5.0000	4.9914	-.009	-.172	.31457	.000	1
S5	10.000	10.054	.054	.535	.63402	.003	1

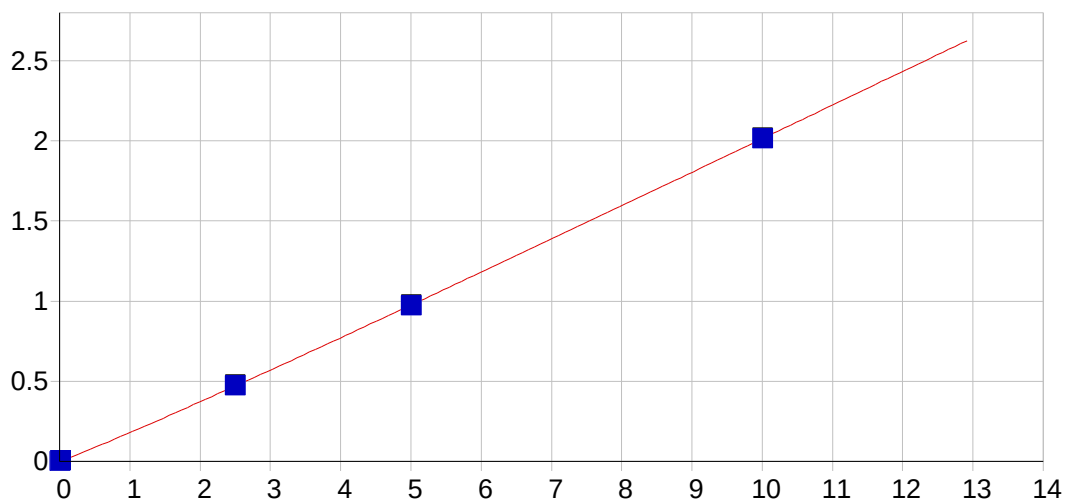


TI 190.856 {477}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000977 Re-Slope: 1.000000
 A1 (Gain): 0.197517 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001547
 Predicted MQL: 0.005156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00098	.000	1
S1	.04000	.03853	-.001	-3.69	.00643	.000	1
S3	2.5000	2.4408	-.059	-2.37	.47606	.001	1
S4	5.0000	5.0021	.002	.042	.97689	.001	1
S5	10.000	10.059	.059	.586	1.9655	.007	1

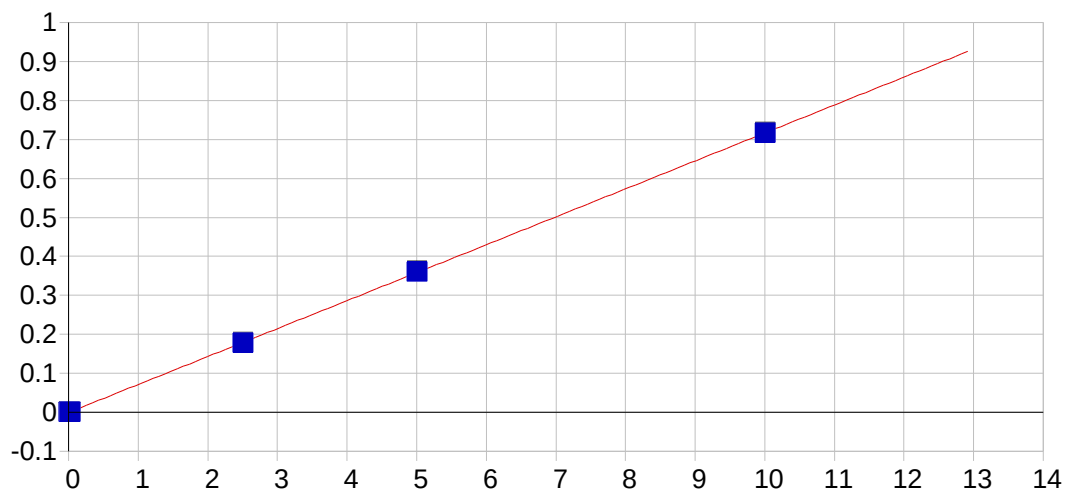


Pb 220.353 {453}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000869 Re-Slope: 1.000000
 A1 (Gain): 0.178496 Y-int: 0.000000
 A2 (Curvature): -0.000276
 n (Exponent): 1.060000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002701
 Predicted MQL: 0.009003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00087	.000	1
S1	.01200	.01054	-.001	-12.2	.00226	.000	1
S3	2.5000	2.5114	.011	.456	.47206	.003	1
S4	5.0000	4.9857	-.014	-.286	.97132	.004	1
S5	10.000	10.004	.004	.042	2.0124	.002	1



Se 196.090 {472}

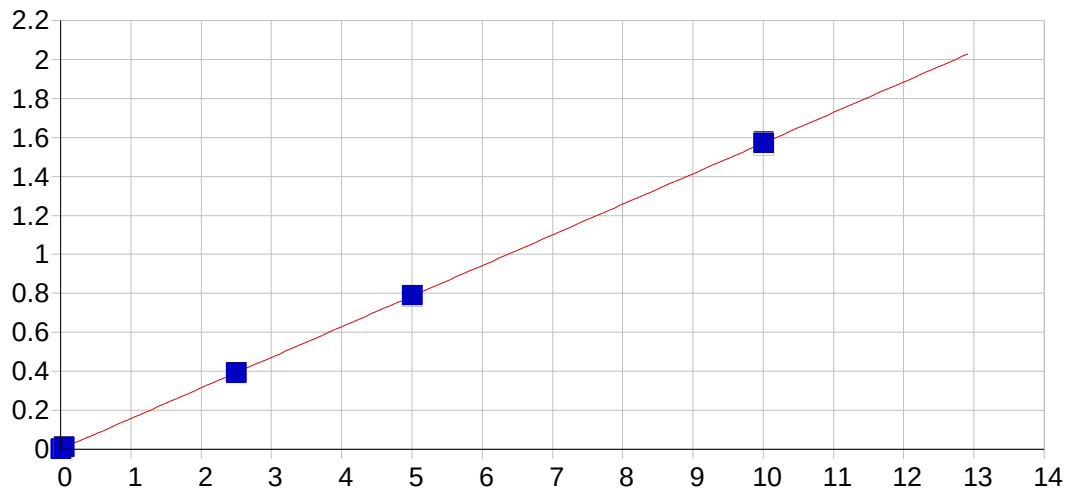
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000368 Re-Slope: 1.000000
 A1 (Gain): 0.071702 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000017
 Predicted MDL: 0.004316
 Predicted MQL: 0.014387

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00037	.000	1
S1	.02000	.01481	-.005	-25.9	.00069	.000	1
S3	2.5000	2.4879	-.012	-.482	.17798	.000	1
S4	5.0000	5.0314	.031	.628	.36032	.001	1
S5	10.000	9.9858	-.014	-.142	.71548	.002	1



Sb 206.833 {463}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

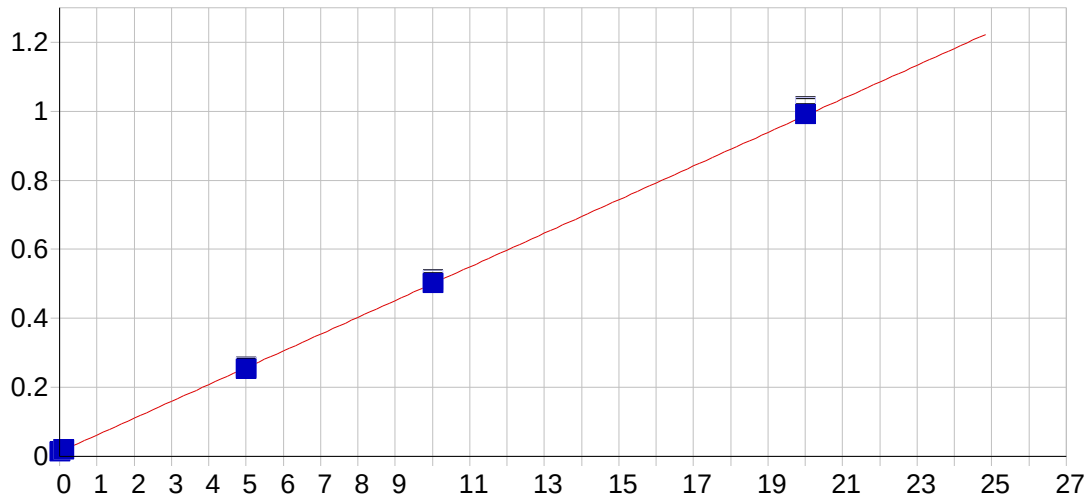
Weighting: 1/Conc

A0 (Offset): 0.001024
 A1 (Gain): 0.156983
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000026
 Predicted MDL: 0.002489
 Predicted MQL: 0.008295

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	.00102	.000	1
S1	.05000	.05281	.003	5.62	.00912	.000	1
S3	2.5000	2.4834	-.017	-.663	.38647	.000	1
S4	5.0000	5.0157	.016	.314	.77958	.001	1
S5	10.000	9.9981	-.002	-.019	1.5529	.006	1

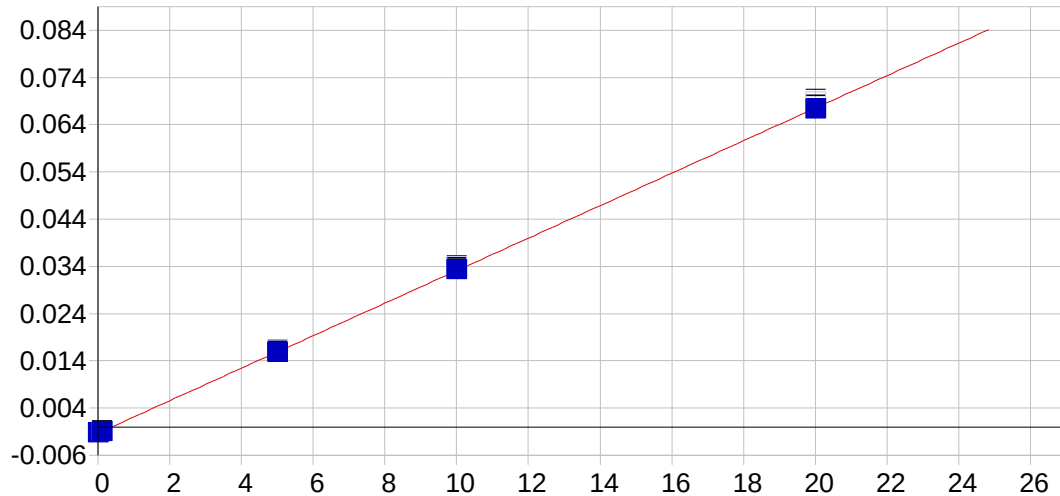


AI 308.215 {109}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013125 Re-Slope: 1.000000
 A1 (Gain): 0.048712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.004363
 Predicted MQL: 0.014542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01313	.000	1
S1	.10000	.10212	.002	2.12	.01844	.000	1
S3	5.0000	4.9235	-.077	-1.53	.25781	.000	1
S4	10.000	10.009	.009	.090	.51038	.001	1
S5	20.000	20.065	.065	.327	1.0100	.002	1



AI 309.271 {109}

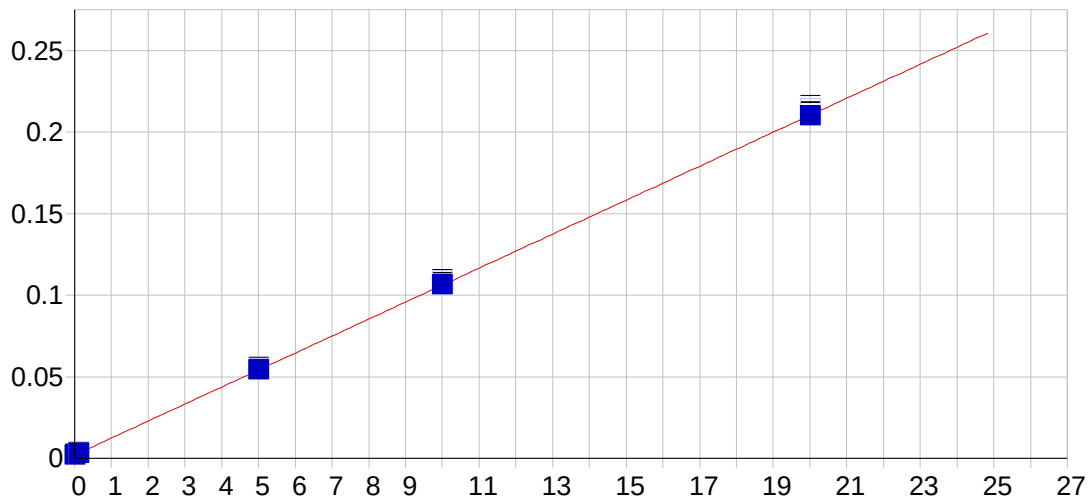
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001323 Re-Slope: 1.000000
 A1 (Gain): 0.003441 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000001
 Predicted MDL: 0.041055
 Predicted MQL: 0.136851

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00132	.000	1
S1	.10000	.10780	.008	7.80	-.00093	.000	1
S3	5.0000	4.9876	-.012	-.248	.01618	.000	1
S4	10.000	10.042	.042	.420	.03392	.000	1
S5	20.000	19.962	-.038	-.189	.06875	.001	1



AI 396.152 { 85}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

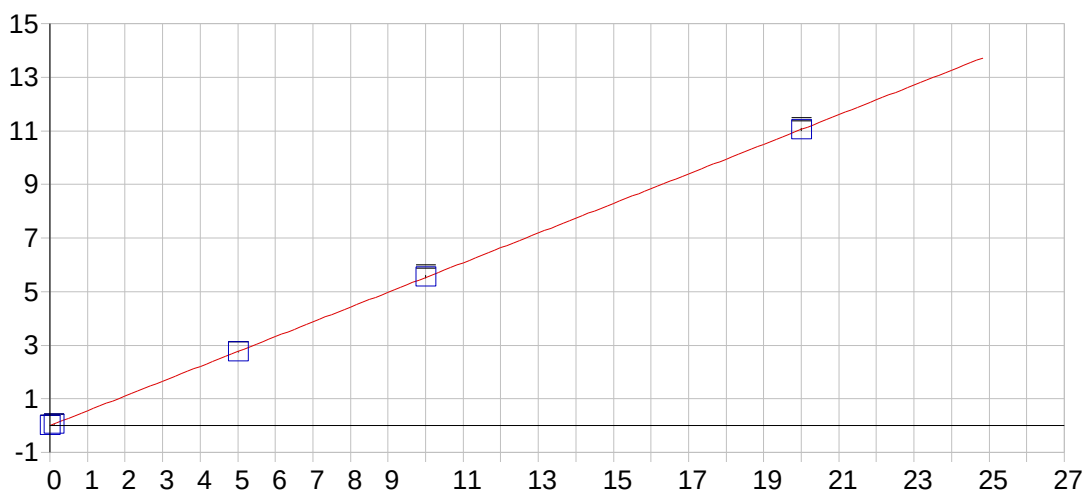
Weighting: 1/Conc

A0 (Offset): 0.002038
 A1 (Gain): 0.010413
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000003
 Predicted MDL: 0.020482
 Predicted MQL: 0.068272

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	.00204	.000	1
S1	.10000	.10522	.005	5.22	.00321	.000	1
S3	5.0000	4.9946	-.005	-.109	.05509	.000	1
S4	10.000	10.026	.026	.261	.10852	.001	1
S5	20.000	19.974	-.026	-.131	.21418	.002	1

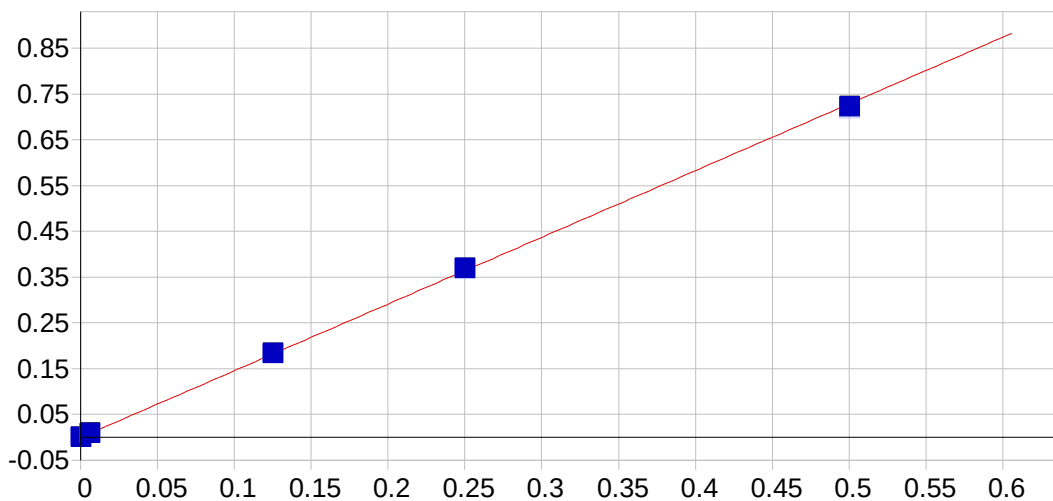


Ba 493.409 { 68}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.552537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.000811
 Predicted MQL: 0.002702

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.10000	.10268	.003	2.68	.05670	.001	1
S3	5.0000	4.9686	-.031	-.628	2.7453	.007	1
S5	20.000	19.992	-.008	-.042	11.046	.064	1
S4	10.000	10.037	.037	.372	5.5459	.058	1



Be 234.861 {144}

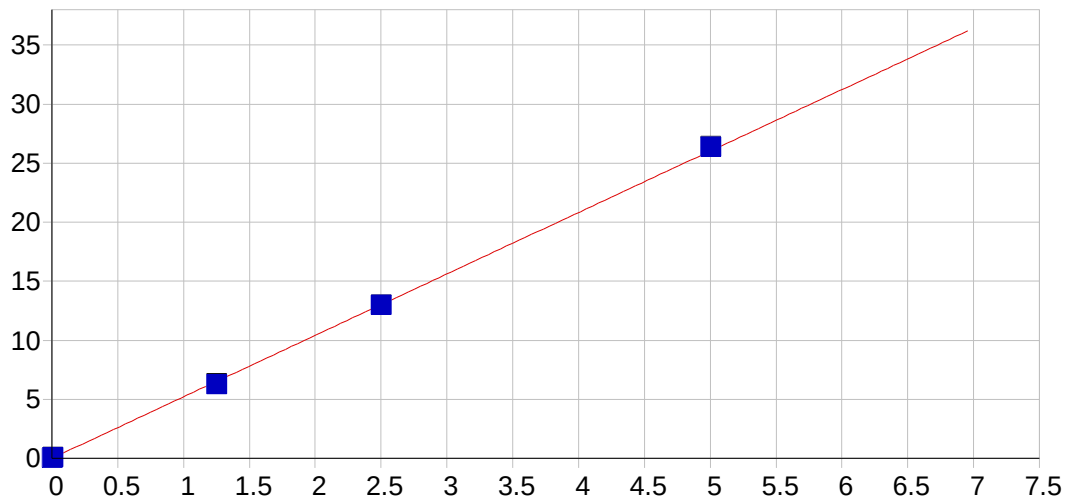
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000
 A1 (Gain): 1.457480 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000053
 Predicted MDL: 0.000096
 Predicted MQL: 0.000319

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.00600	.00649	.000	8.18	.00920	.000	1
S3	.12500	.12590	.001	.720	.18219	.000	1
S4	.25000	.25326	.003	1.31	.36667	.001	1
S5	.50000	.49535	-.005	-.930	.71721	.002	1



Cd 226.502 {449}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

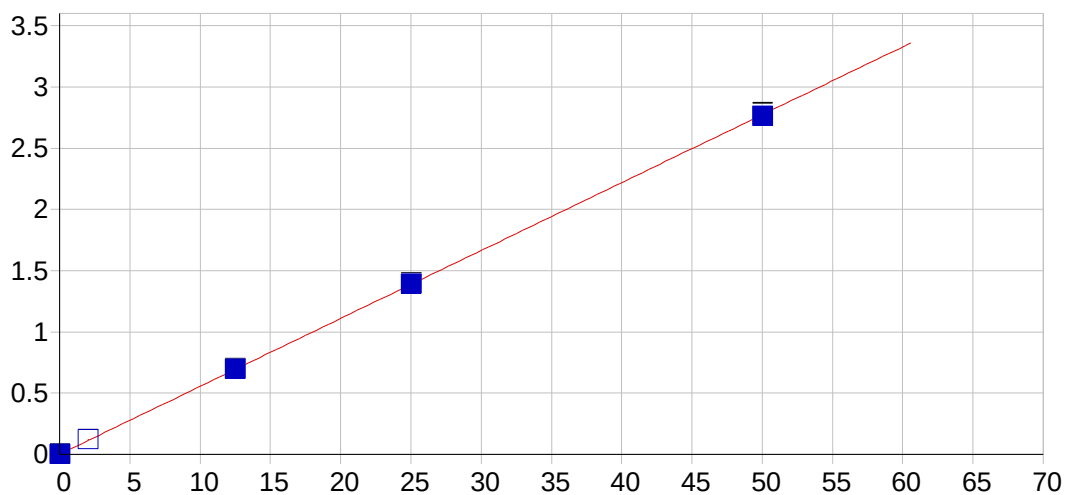
Weighting: 1/Conc

A0 (Offset): 0.004269
 A1 (Gain): 5.205411
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838
 Std Error of Est: 0.000877
 Predicted MDL: 0.000104
 Predicted MQL: 0.000348

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	.00427	.000	1
S1	.00600	.00595	-.000	-.891	.03528	.001	1
S3	1.2500	1.2013	-.049	-3.89	6.2591	.010	1
S4	2.5000	2.4839	-.016	-.645	12.937	.025	1
S5	5.0000	5.0649	.065	1.30	26.375	.020	1

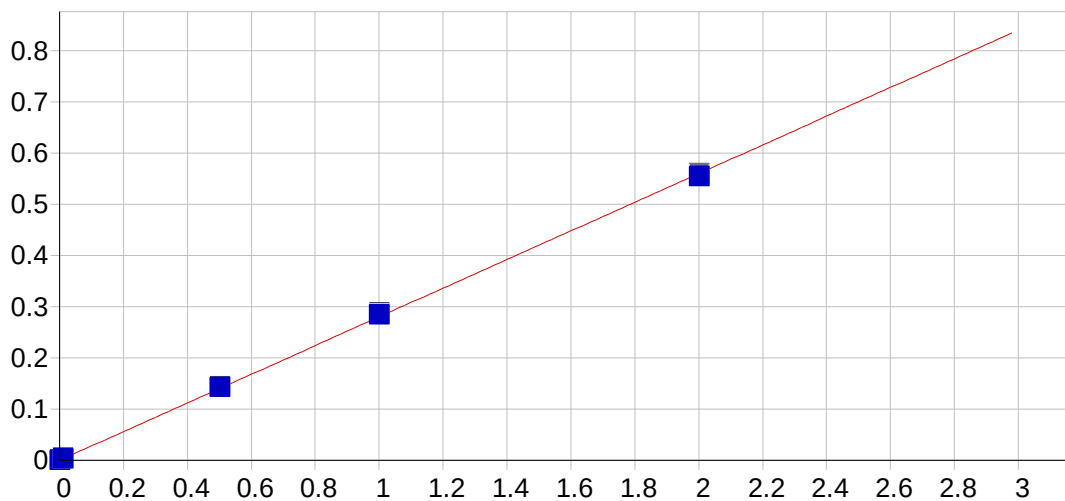


Ca 373.690 { 90}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001019 Re-Slope: 1.000000
 A1 (Gain): 0.055440 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000292
 Predicted MDL: 0.026013
 Predicted MQL: 0.086711

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1191	.119	5.96	.11850	.000	1
S0	.00000	-.00012	-.000	.000	.00101	.000	1
S3	12.500	12.507	.007	.053	.69475	.005	1
S4	25.000	25.089	.089	.357	1.3927	.008	1
S5	50.000	49.785	-.215	-.430	2.7626	.026	1



Cr 267.716 {126}

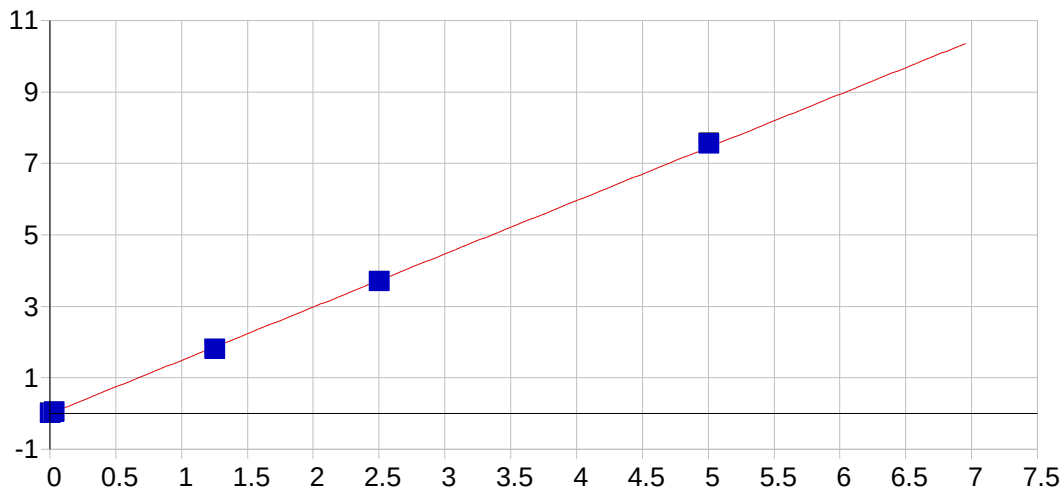
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.279861 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000027
 Predicted MDL: 0.000675
 Predicted MQL: 0.002250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.01000	.01038	.000	3.79	.00305	.000	1
S3	.50000	.50655	.007	1.31	.14299	.001	1
S4	1.0000	1.0145	.015	1.45	.28625	.001	1
S5	2.0000	1.9786	-.021	-1.07	.55826	.001	1



Co 228.616 {447}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

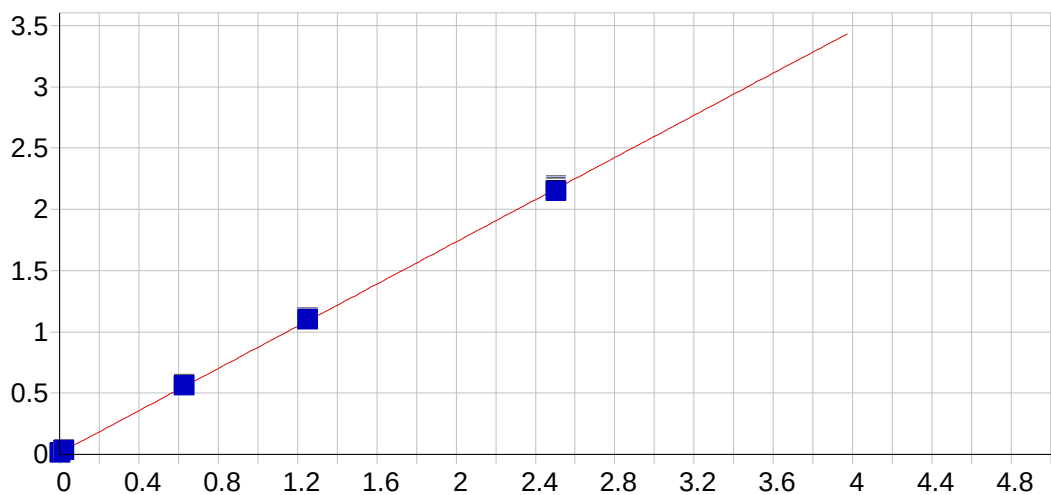
Weighting: 1/Conc

A0 (Offset): 0.000118
 A1 (Gain): 1.489460
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000515
 Predicted MDL: 0.000310
 Predicted MQL: 0.001034

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	.00012	.000	1
S1	.03000	.02935	-.001	-2.16	.04354	.000	1
S3	1.2500	1.2101	-.040	-3.19	1.8040	.001	1
S4	2.5000	2.4750	-.025	-.998	3.6895	.006	1
S5	5.0000	5.0655	.065	1.31	7.5508	.009	1

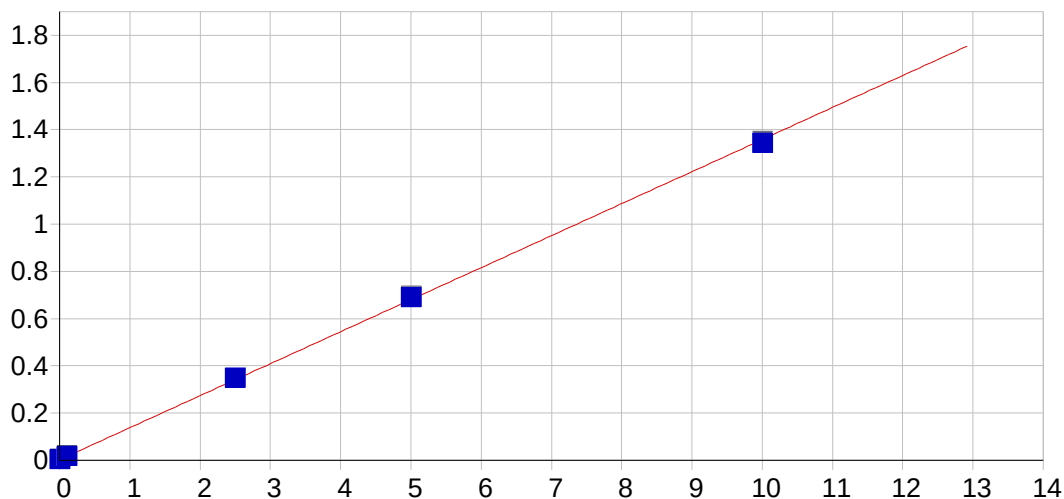


Cu 224.700 {450}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012190 Re-Slope: 1.000000
 A1 (Gain): 0.860818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000590
 Predicted MQL: 0.001967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01219	.001	1
S1	.02000	.02216	.002	10.8	.03153	.000	1
S3	.62500	.63394	.009	1.43	.56660	.001	1
S4	1.2500	1.2598	.010	.786	1.1141	.001	1
S5	2.5000	2.4791	-.021	-.837	2.1810	.006	1



Fe 240.488 {140}

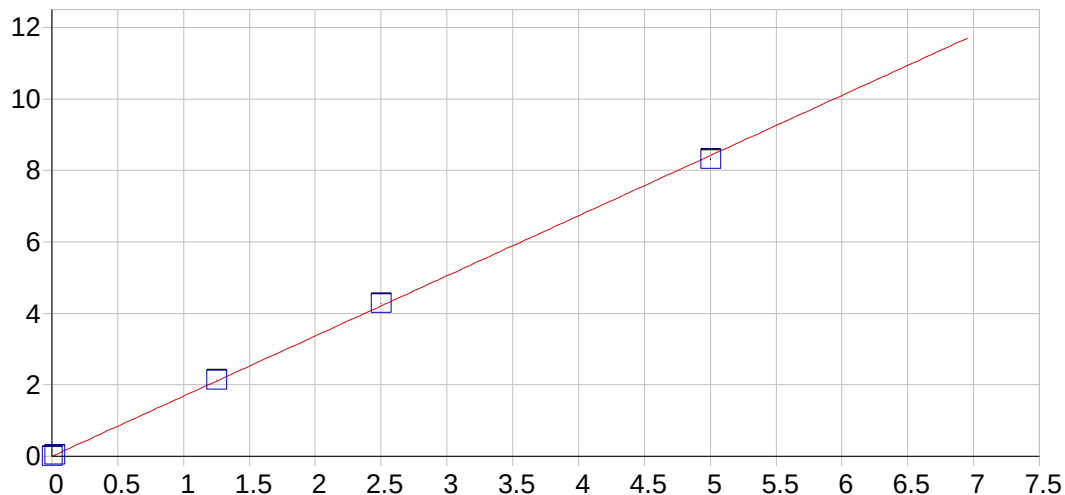
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002388 Re-Slope: 1.000000
 A1 (Gain): 0.135598 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000105
 Predicted MDL: 0.001103
 Predicted MQL: 0.003677

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00239	.000	1
S1	.10000	.10713	.007	7.13	.01698	.000	1
S3	2.5000	2.5422	.042	1.69	.34837	.001	1
S4	5.0000	5.0689	.069	1.38	.69226	.001	1
S5	10.000	9.8817	-.118	-1.18	1.3474	.002	1



Mn 257.610 {131}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

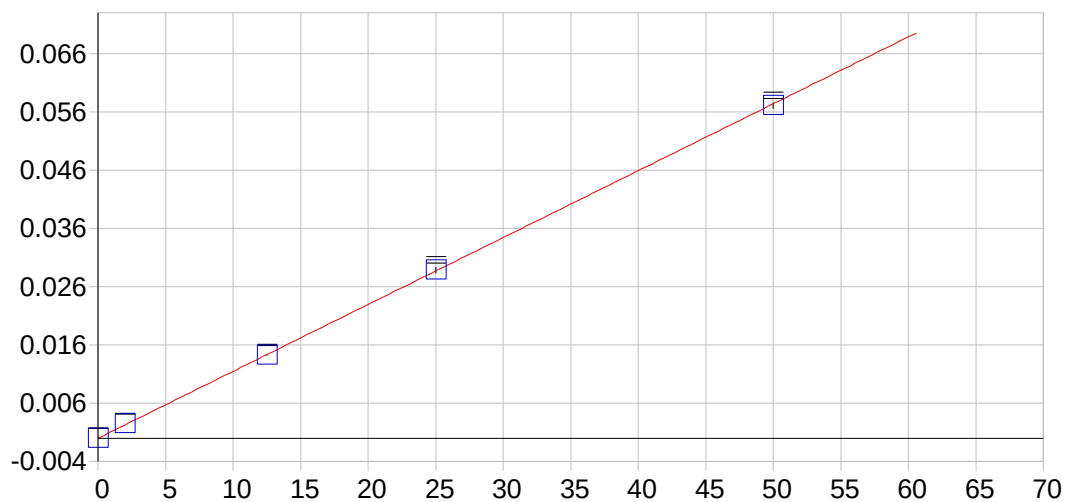
Weighting: 1/Conc

A0 (Offset): 0.000825
 A1 (Gain): 1.682828
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882
 Std Error of Est: 0.000441
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

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	.00082	.000	1
S1	.02000	.02281	.003	14.1	.03921	.000	1
S3	1.2500	1.2707	.021	1.66	2.1392	.010	1
S4	2.5000	2.5378	.038	1.51	4.2715	.002	1
S5	5.0000	4.9387	-.061	-1.23	8.3118	.018	1

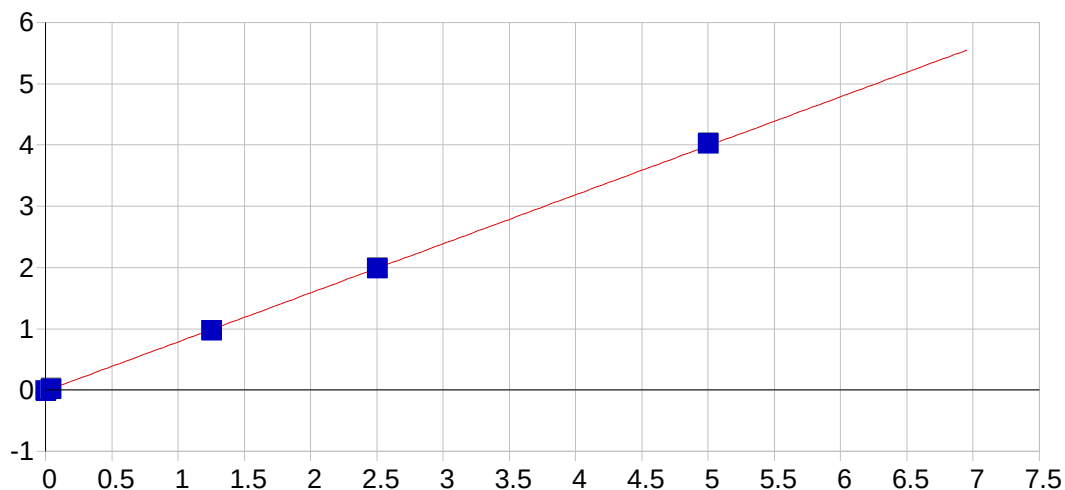


Mg 279.079 {121}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.001148 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.065744
 Predicted MQL: 0.219147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1433	.143	7.16	.00243	.000	1
S0	.00000	-.00014	-.000	.000	-.00003	.000	1
S3	12.500	12.466	-.034	-.268	.01428	.000	1
S4	25.000	25.137	.137	.547	.02883	.001	1
S5	50.000	49.754	-.246	-.493	.05710	.001	1



Ni 231.604 {445}

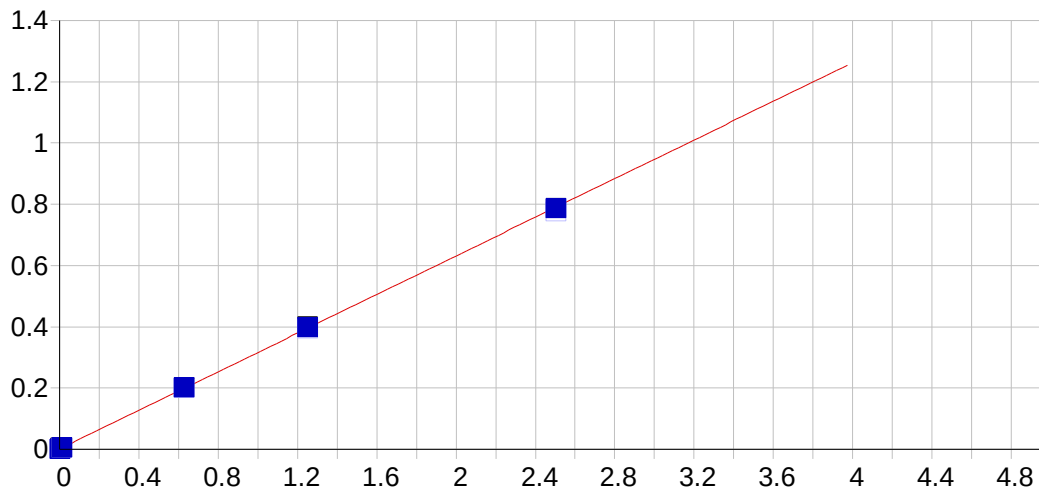
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014021 Re-Slope: 1.000000
 A1 (Gain): 0.800377 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000203
 Predicted MDL: 0.000609
 Predicted MQL: 0.002028

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01402	.000	1
S1	.04000	.04071	.001	1.79	.01858	.000	1
S3	1.2500	1.2209	-.029	-2.33	.96424	.001	1
S4	2.5000	2.4926	-.007	-.298	1.9831	.004	1
S5	5.0000	5.0358	.036	.717	4.0209	.005	1



Ag 328.068 {103}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

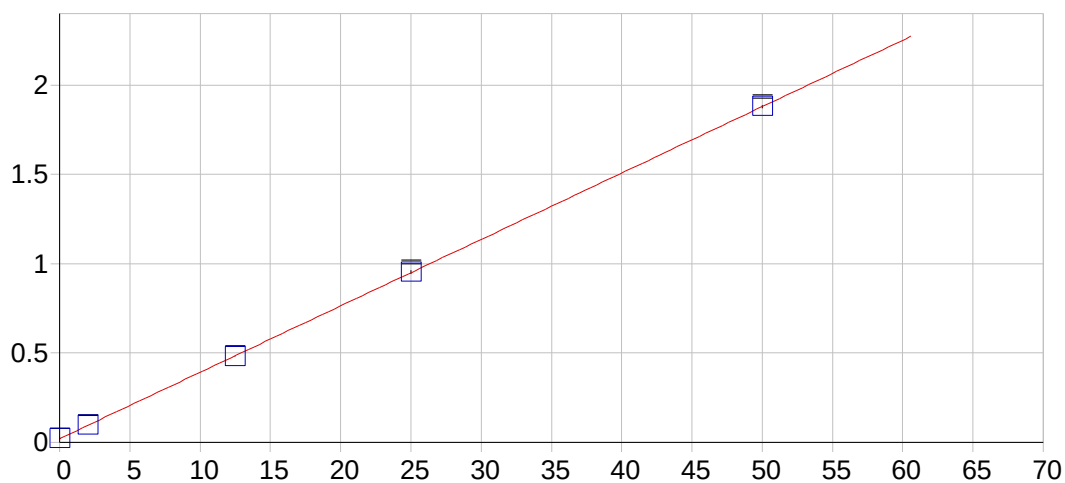
Weighting: 1/Conc

A0 (Offset): 0.000933
 A1 (Gain): 0.315327
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000020
 Predicted MDL: 0.000900
 Predicted MQL: 0.002999

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	.00093	.000	1
S1	.01000	.01066	.001	6.61	.00423	.000	1
S3	.62500	.63126	.006	1.00	.19770	.001	1
S4	1.2500	1.2577	.008	.618	.39296	.001	1
S5	2.5000	2.4854	-.015	-.586	.77550	.002	1

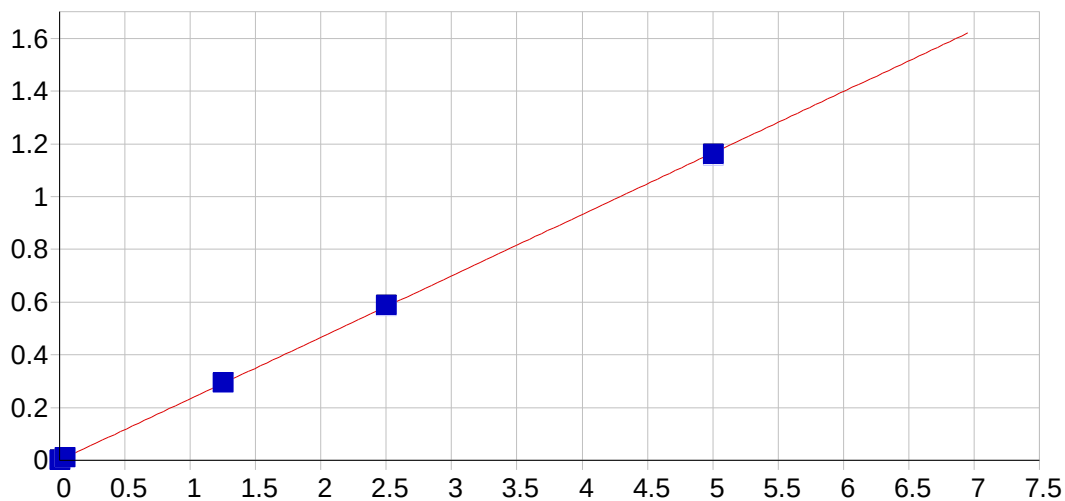


Na 589.592 { 57}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020647 Re-Slope: 1.000000
 A1 (Gain): 0.037172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.014871
 Predicted MQL: 0.049571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0184	.018	.918	.09567	.002	1
S0	.00000	-.00001	-.000	.000	.02065	.000	1
S3	12.500	12.395	-.105	-.841	.48140	.001	1
S4	25.000	25.088	.088	.350	.95321	.010	1
S5	50.000	49.999	-.001	-.002	1.8792	.010	1



V 292.402 {115}

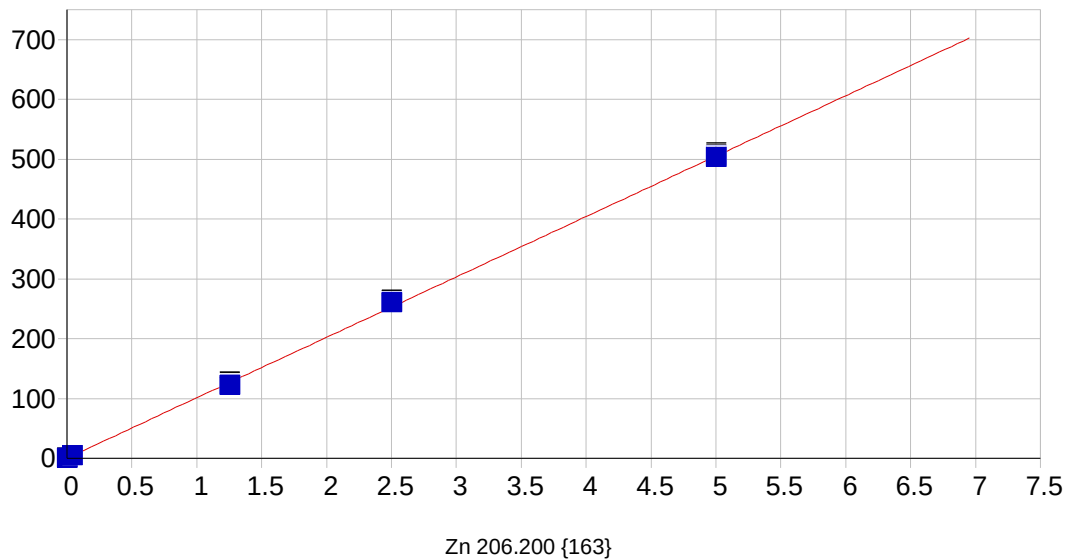
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000348 Re-Slope: 1.000000
 A1 (Gain): 0.232992 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000032
 Predicted MDL: 0.000827
 Predicted MQL: 0.002755

Status: OK.

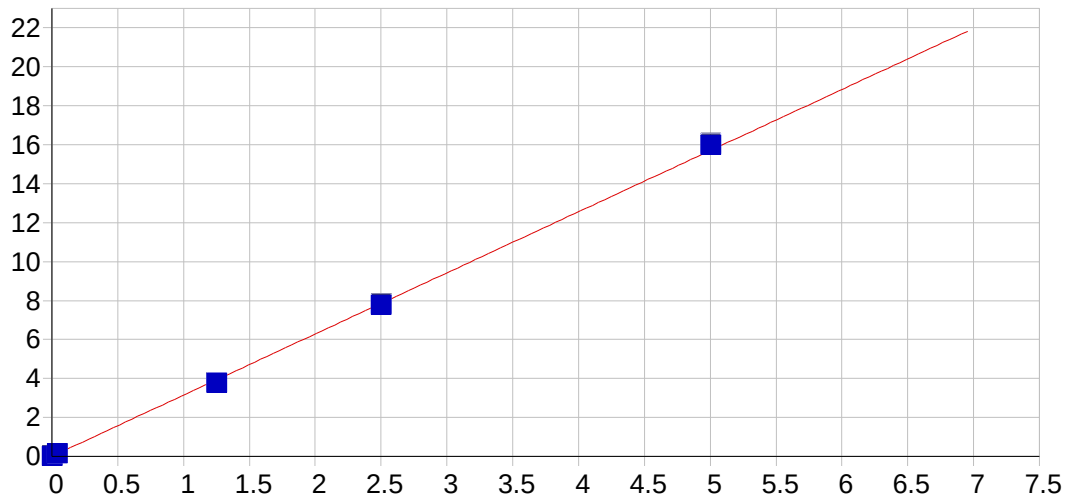
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.04000	.03999	-.000	-.020	.00952	.000	1
S3	1.2500	1.2563	.006	.504	.29115	.000	1
S4	2.5000	2.5180	.018	.719	.58321	.001	1
S5	5.0000	4.9757	-.024	-.486	1.1520	.001	1



Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.232044 Re-Slope: 1.000000
 A1 (Gain): 100.987052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.051065
 Predicted MDL: 0.000415
 Predicted MQL: 0.001384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.23189	.057	1
S1	.04000	.04218	.002	5.46	4.5187	.203	1
S3	1.2500	1.2021	-.048	-3.83	122.40	4.42	1
S4	2.5000	2.5670	.067	2.68	260.99	3.38	1
S5	5.0000	4.9787	-.021	-.427	506.07	4.76	1

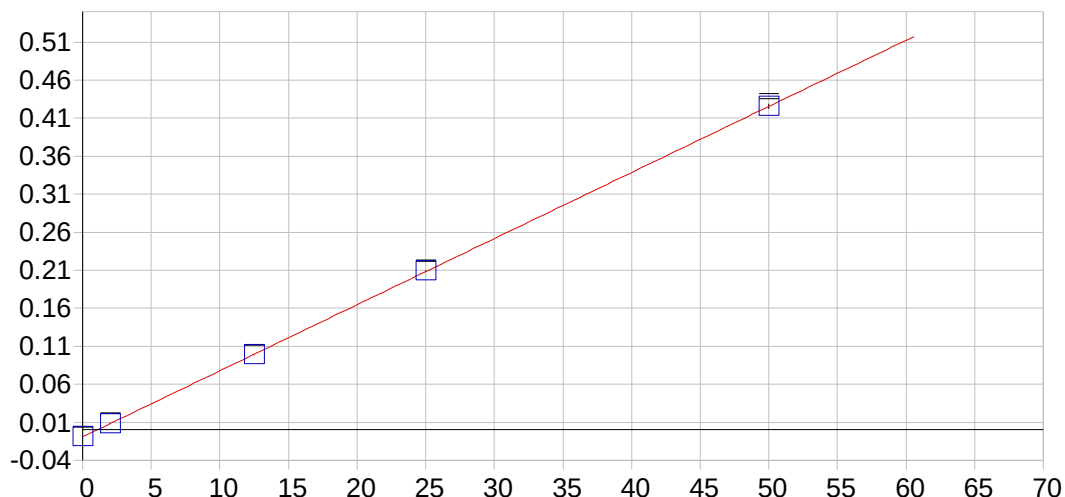


Zn 213.856 {458}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006936 Re-Slope: 1.000000
 A1 (Gain): 3.138376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.001669
 Predicted MDL: 0.000123
 Predicted MQL: 0.000411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00694	.000	1
S1	.04000	.04004	.000	.092	.13346	.000	1
S3	1.2500	1.1934	-.057	-4.52	3.7774	.002	1
S4	2.5000	2.4730	-.027	-1.08	7.8182	.013	1
S5	5.0000	5.0835	.084	1.67	16.061	.013	1



K 766.490 {44}

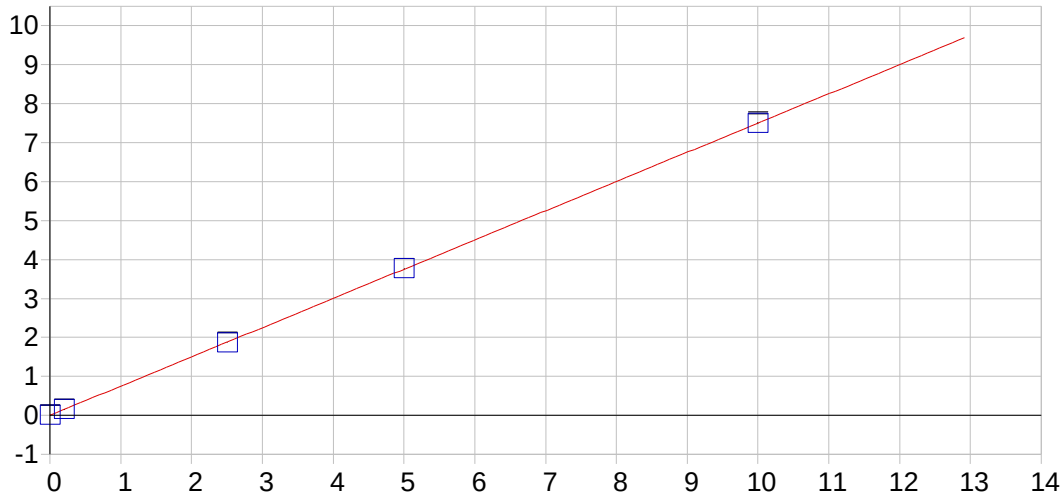
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009202 Re-Slope: 1.000000
 A1 (Gain): 0.008693 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000017
 Predicted MDL: 0.067405
 Predicted MQL: 0.224683

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9923	-.008	-.387	.00812	.001	1
S0	.00000	.00002	.000	.000	-.00920	.000	1
S3	12.500	12.401	-.099	-.796	.09859	.001	1
S4	25.000	25.082	.082	.326	.20882	.001	1
S5	50.000	50.026	.026	.051	.42566	.003	1



Mo 202.030 {467}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

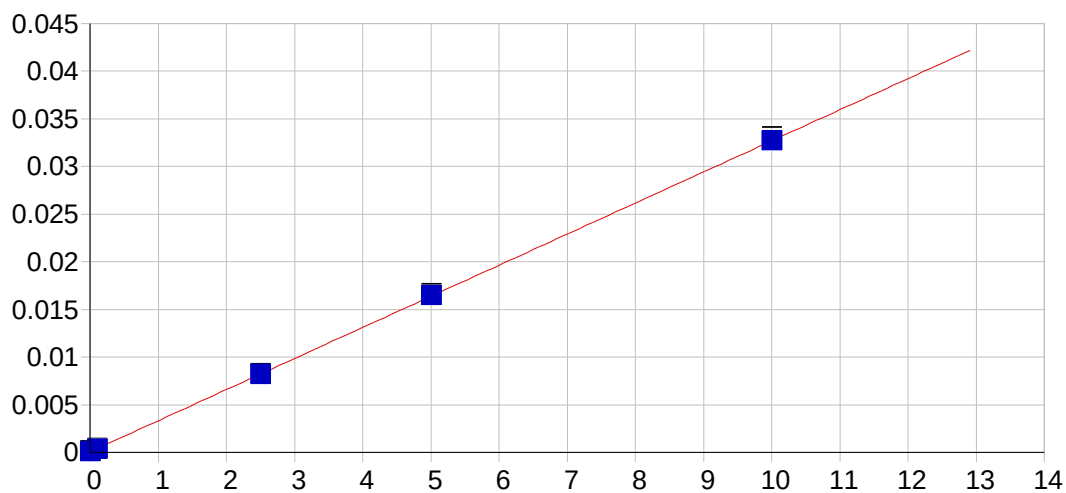
Weighting: 1/Conc

A0 (Offset): 0.000092
 A1 (Gain): 0.750279
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000167
 Predicted MDL: 0.000417
 Predicted MQL: 0.001390

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	.00009	.000	1
S1	.20000	.20216	.002	1.08	.15177	.000	1
S3	2.5000	2.4864	-.014	-.546	1.8655	.002	1
S4	5.0000	5.0156	.016	.312	3.7632	.004	1
S5	10.000	9.9959	-.004	-.041	7.4998	.024	1

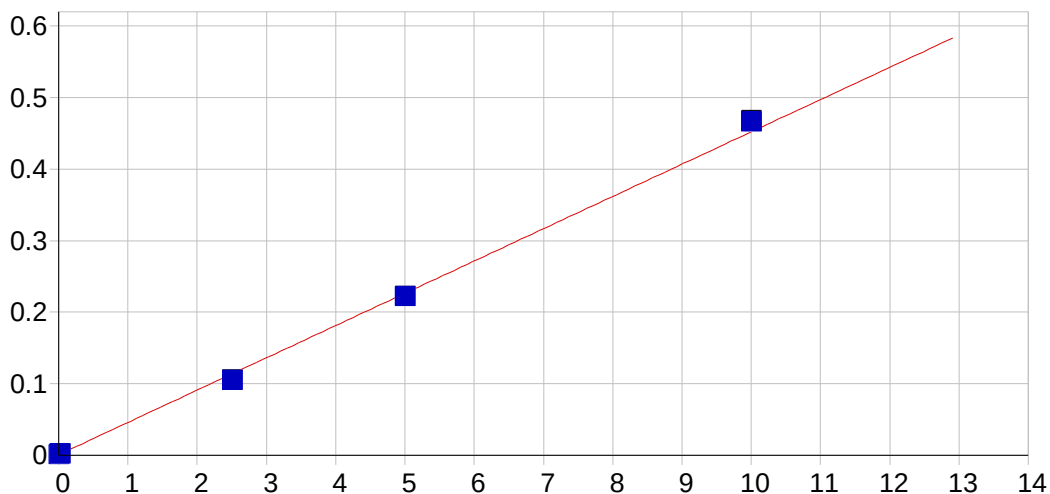


B 249.678 {135}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.003263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.018068
 Predicted MQL: 0.060226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00006	.000	1
S1	.10000	.07814	-.022	-21.9	.00031	.000	1
S3	2.5000	2.4861	-.014	-.558	.00816	.000	1
S4	5.0000	5.0308	.031	.616	.01644	.000	1
S5	10.000	10.005	.005	.049	.03265	.000	1



S 182.034 {485}

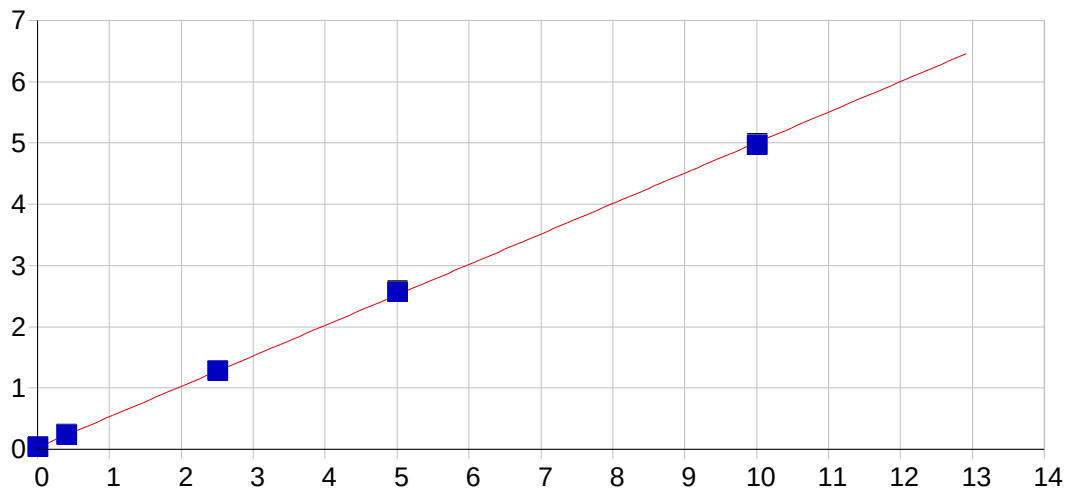
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000906 Re-Slope: 1.000000
 A1 (Gain): 0.045119 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999130
 Std Error of Est: 0.000045
 Predicted MDL: 0.004663
 Predicted MQL: 0.015544

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00091	.000	1
S1	.02000	.01297	-.007	-35.1	.00146	.000	1
S3	2.5000	2.2995	-.201	-8.02	.10453	.001	1
S4	5.0000	4.8956	-.104	-2.09	.22154	.000	1
S5	10.000	10.312	.312	3.12	.46566	.002	1



Si 288.158 {117}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

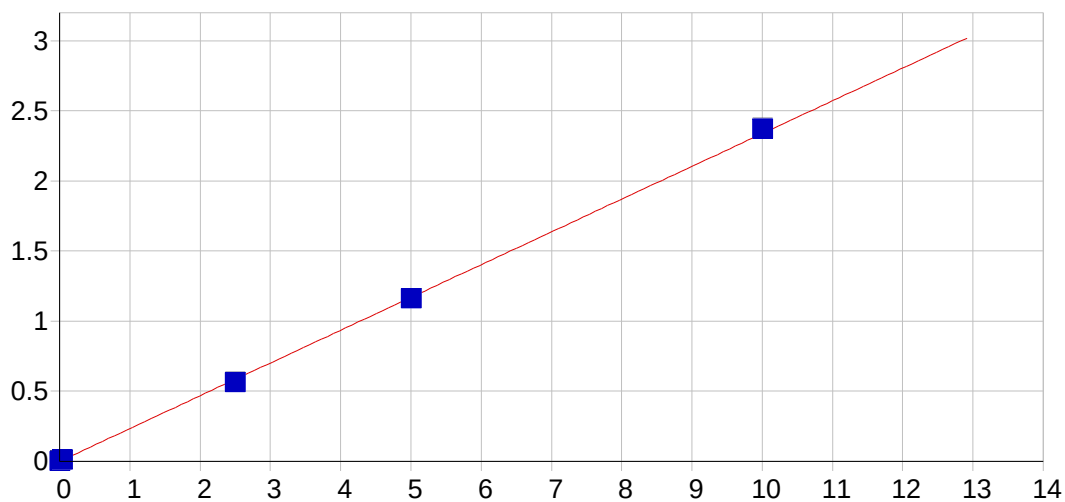
Weighting: 1/Conc

A0 (Offset): 0.032760
 A1 (Gain): 0.497396
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000638
 Predicted MDL: 0.003627
 Predicted MQL: 0.012089

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	.03276	.002	1
S1	.40000	.40637	.006	1.59	.23472	.003	1
S3	2.5000	2.4881	-.012	-.476	1.2697	.005	1
S4	5.0000	5.0896	.090	1.79	2.5630	.020	1
S5	10.000	9.9159	-.084	-.841	4.9622	.024	1

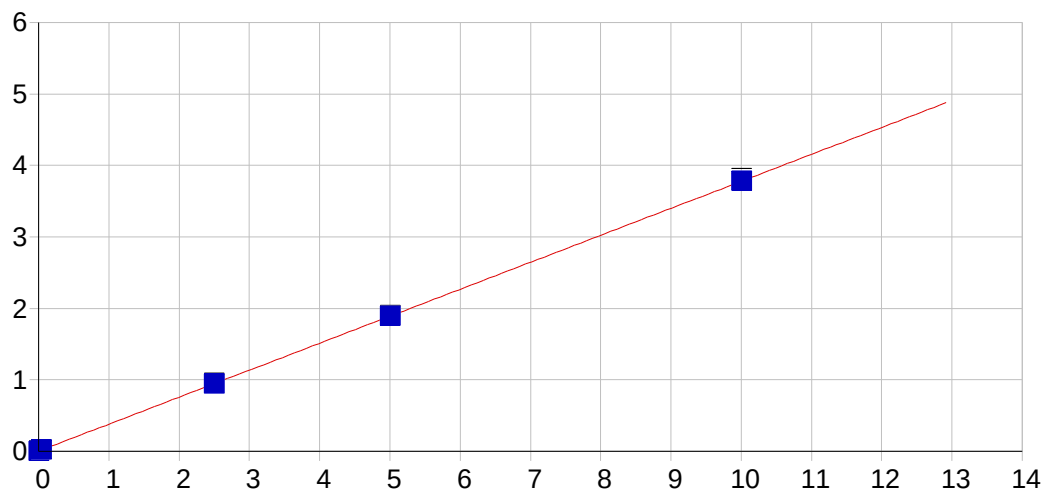


Sn 189.989 {477}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000543 Re-Slope: 1.000000
 A1 (Gain): 0.233759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.000953
 Predicted MQL: 0.003176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00054	.000	1
S1	.04000	.03449	-.006	-13.8	.00860	.000	1
S3	2.5000	2.4059	-.094	-3.76	.56305	.001	1
S4	5.0000	4.9582	-.042	-8.36	1.1598	.002	1
S5	10.000	10.141	.141	1.41	2.3716	.003	1



Ti 336.121 {100}

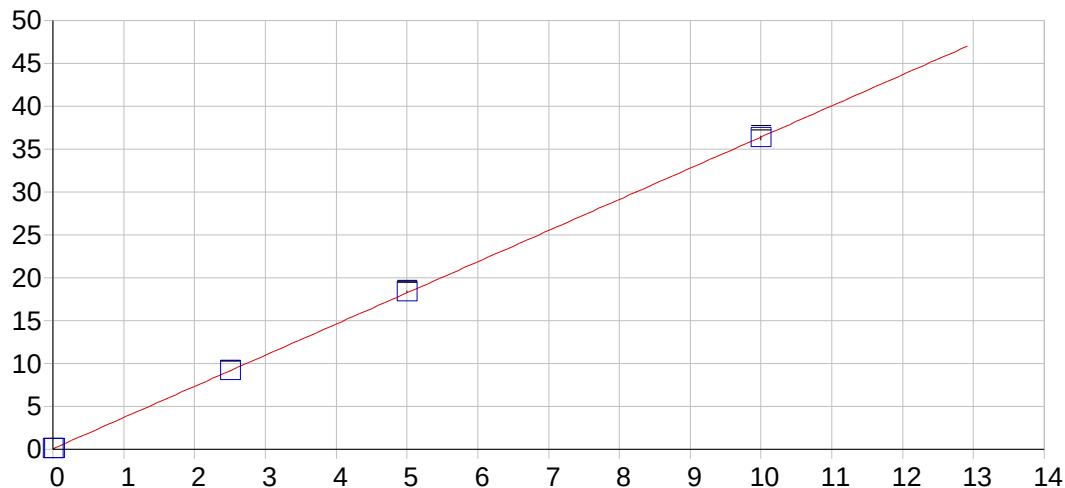
Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002734 Re-Slope: 1.000000
 A1 (Gain): 0.377443 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000047
 Predicted MDL: 0.002801
 Predicted MQL: 0.009335

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00273	.000	1
S1	.04000	.03825	-.002	-4.38	.01716	.001	1
S3	2.5000	2.4821	-.018	-.716	.93946	.008	1
S4	5.0000	5.0064	.006	.128	1.8921	.005	1
S5	10.000	10.013	.013	.132	3.7817	.035	1



Li 670.784 { 50}

Date of Fit: 8/16/2019 14:42:42

Type of Fit: Linear

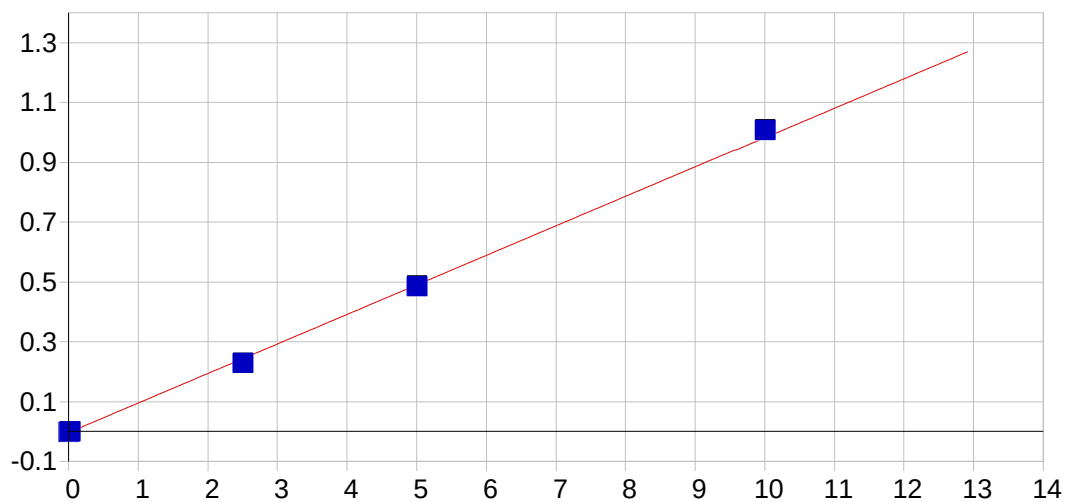
Weighting: 1/Conc

A0 (Offset): 0.064181
 A1 (Gain): 3.635295
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868
 Std Error of Est: 0.001425
 Predicted MDL: 0.001375
 Predicted MQL: 0.004582

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	.06421	.002	1
S1	.02000	.01076	-.009	-46.2	.10329	.003	1
S3	2.5000	2.5021	.002	.084	9.1601	.037	1
S4	5.0000	5.0357	.036	.713	18.370	.111	1
S5	10.000	9.9715	-.029	-.285	36.313	.242	1

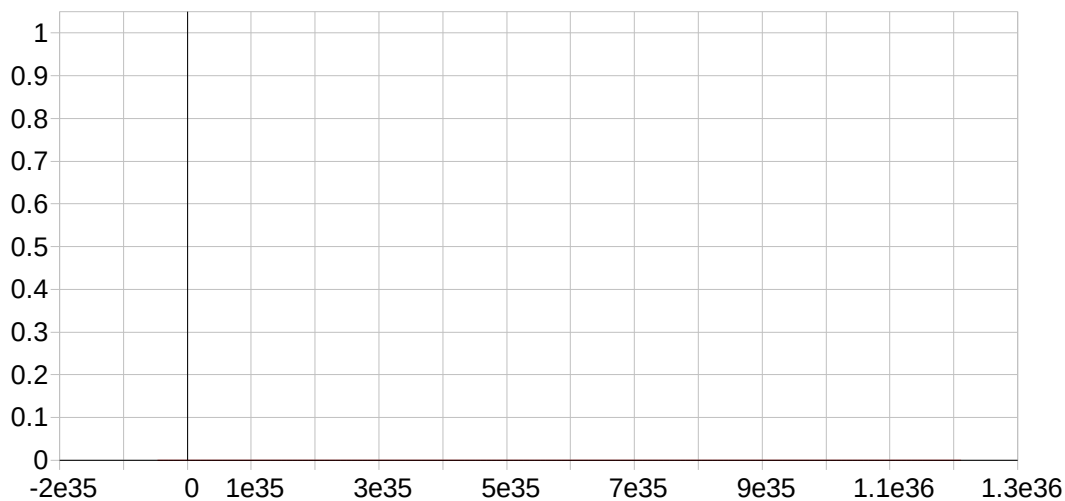


P 177.495 {490}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002704 Re-Slope: 1.000000
 A1 (Gain): 0.098544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999473 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.002249
 Predicted MQL: 0.007496

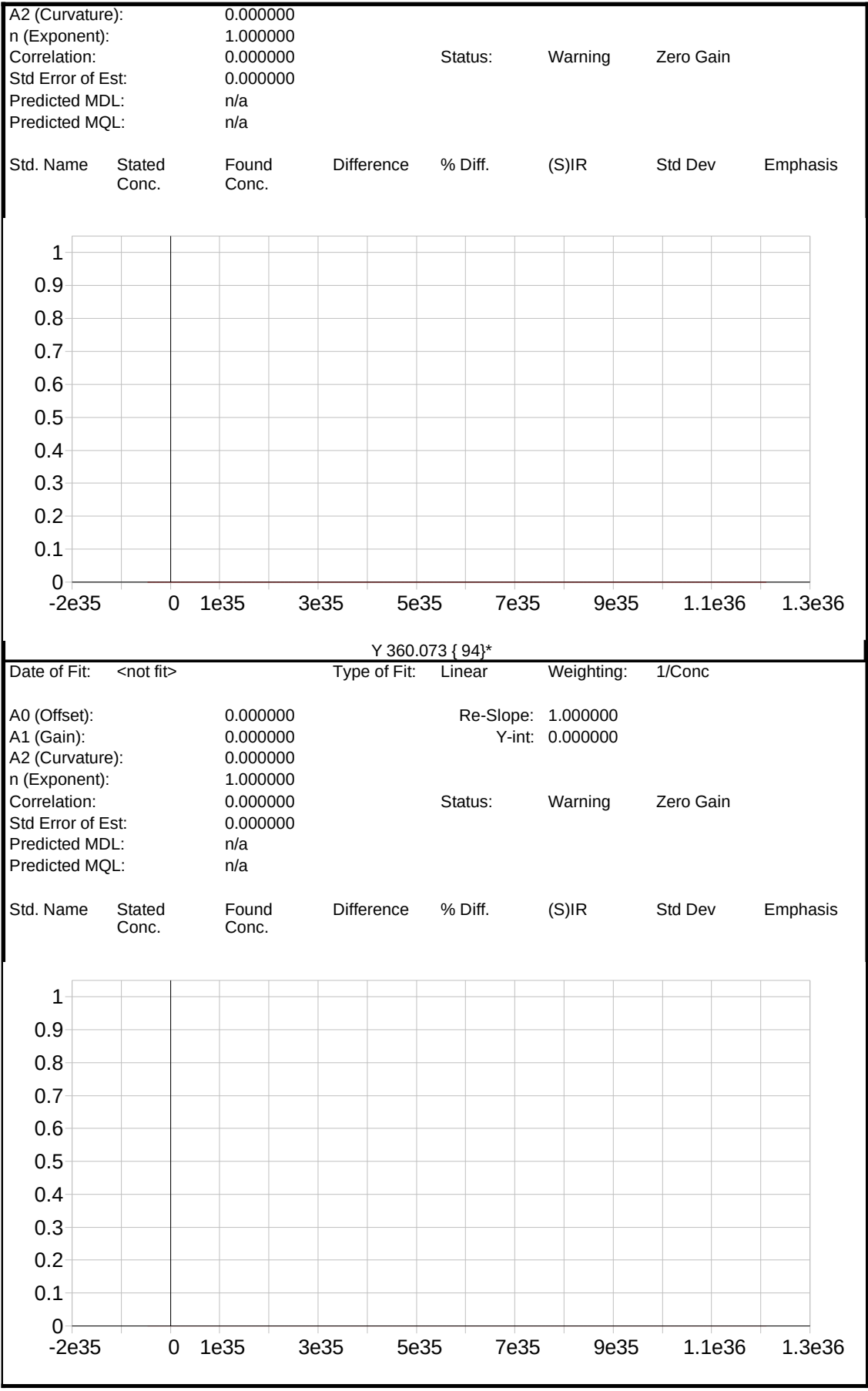
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00270	.000	1
S1	.02000	.01888	-.001	-5.60	-.00085	.000	1
S3	2.5000	2.3295	-.170	-6.82	.22650	.001	1
S4	5.0000	4.9312	-.069	-1.38	.48253	.003	1
S5	10.000	10.240	.240	2.40	1.0050	.002	1

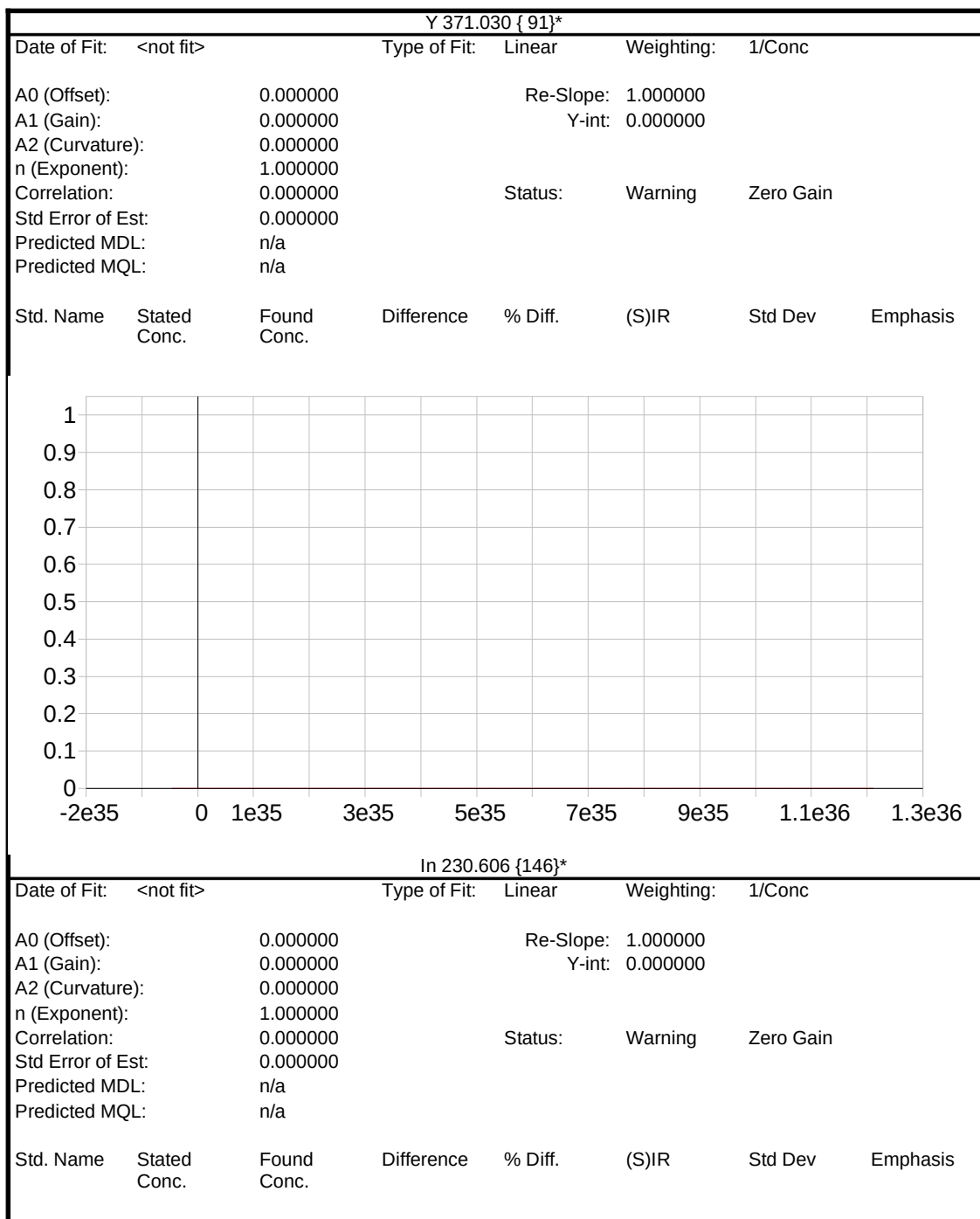


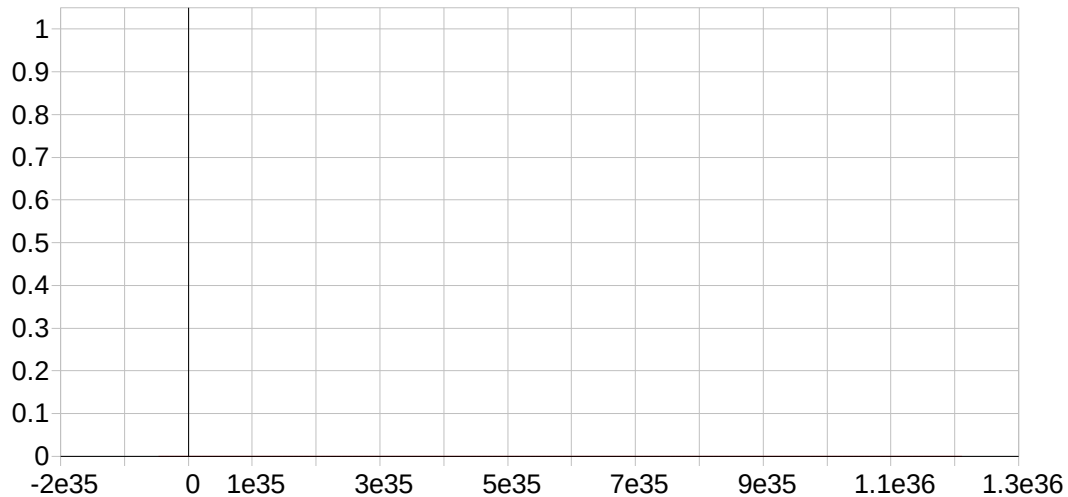
Y 224.306 {450}*

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

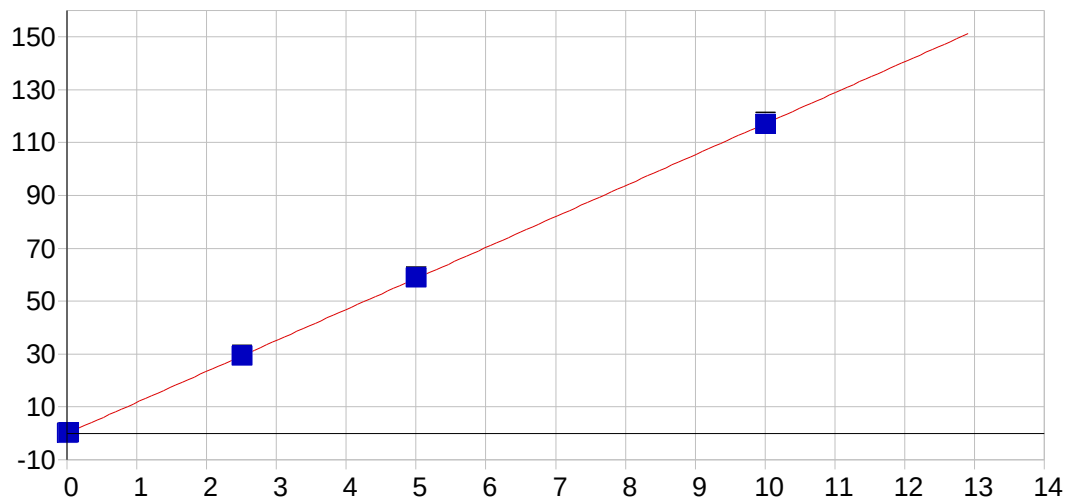
Status: Warning Zero Gain

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: 8/16/2019 14:42:42

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002215

Re-Slope: 1.000000

A1 (Gain): 11.716133

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999992

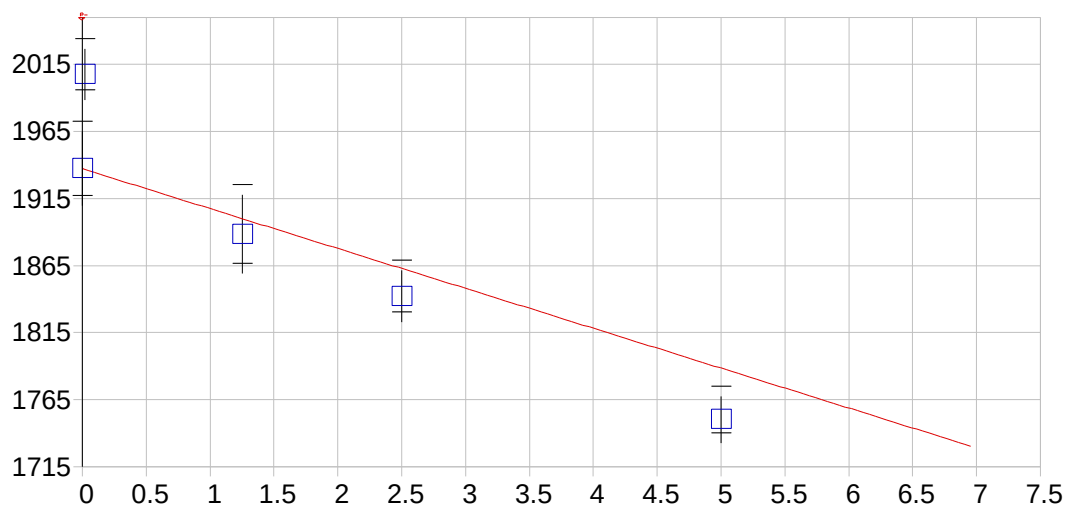
Status: OK.

Std Error of Est: 0.001134

Predicted MDL: 0.000168

Predicted MQL: 0.000559

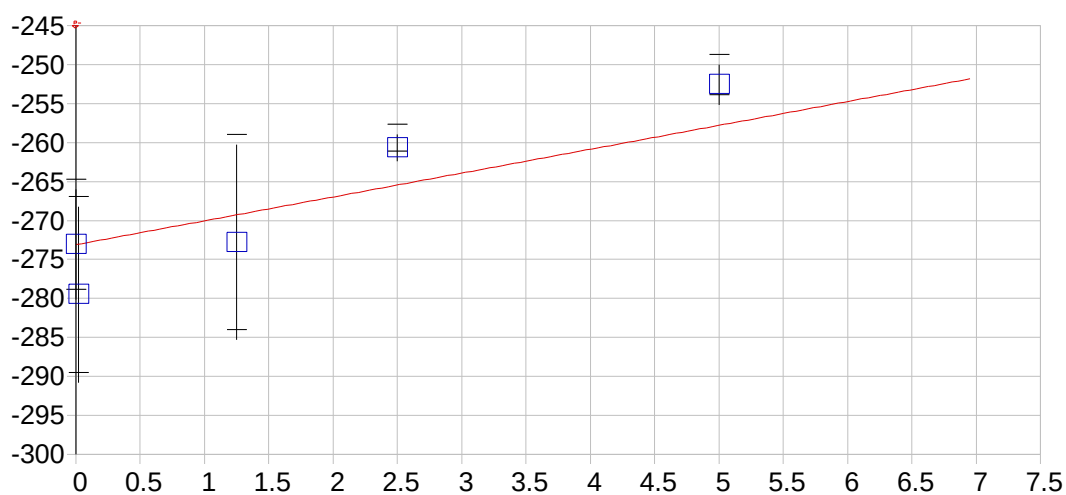
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00223	.002	1
S1	.02000	.02153	.002	7.64	.25130	.002	1
S3	2.5000	2.4984	-.002	-.064	29.301	.137	1
S4	5.0000	5.0234	.023	.468	58.917	.332	1
S5	10.000	9.9767	-.023	-.233	117.01	.637	1



Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1937.245422 Re-Slope: 1.000000
A1 (Gain): -29.738593 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.172918 Status: Warning Negative Gain
Std Error of Est: 2.894647
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00236	.002	.000	1937.2	27.6	1
S1	.02000	-2.3616	-2.38	-11900.	2007.5	19.0	1
S3	1.2500	1.6429	.393	31.4	1888.4	29.5	1
S4	2.5000	3.1979	.698	27.9	1842.1	19.1	1
S5	5.0000	6.2908	1.29	25.8	1750.2	17.5	1



U 385.958 { 87}

Date of Fit: 8/16/2019 14:42:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -273.098086 Re-Slope: 1.000000
 A1 (Gain): 3.059182 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.193478 Status: OK.
 Std Error of Est: 0.265093
 Predicted MDL: 3.970616
 Predicted MQL: 13.235387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00211	.002	.000	-273.09	7.04	1
S1	.02000	-2.0903	-2.11	-10600.	-279.49	11.3	1
S3	1.2500	.09381	-1.16	-92.5	-272.81	12.5	1
S4	2.5000	4.0533	1.55	62.1	-260.70	1.72	1
S5	5.0000	6.7131	1.71	34.3	-252.56	2.58	1

Sample Name: S0 Acquired: 8/16/2019 11:36:54 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00042	-.00098	.00087	-.00037	.00102	.00204	-.00003	-.00017
Stddev	.00019	.00031	.00029	.00031	.00023	.00029	.00013	.00005
%RSD	45.571	31.934	33.230	83.242	22.620	14.181	416.37	29.083

#1	-.00056	-.00096	.00114	-.00067	.00123	.00191	.00009	-.00016
#2	-.00020	-.00067	.00090	-.00037	.00077	.00237	-.00001	-.00022
#3	-.00049	-.00130	.00057	-.00006	.00107	.00183	-.00018	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00427	.00101	.00013	.00012	.01219	.00239	.00082	-.00003
Stddev	.00041	.00024	.00006	.00026	.00074	.00015	.00002	.00004
%RSD	9.5933	23.229	48.245	219.60	6.0843	6.4172	2.6903	129.49

#1	.00447	.00111	.00008	-.00012	.01198	.00221	.00083	-.00006
#2	.00454	.00074	.00010	.00040	.01157	.00251	.00080	-.00004
#3	.00380	.00118	.00020	.00008	.01301	.00244	.00084	.00001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.01402	.00093	.02065	.00035	.00694	-.00920	.00009	.00006
Stddev	.00019	.00018	.00039	.00014	.00028	.00045	.00015	.00005
%RSD	1.3292	19.604	1.8753	39.108	4.0921	4.8444	166.27	85.961

#1	-.01389	.00075	.02053	.00040	.00705	-.00926	-.00006	.00001
#2	-.01394	.00112	.02033	.00045	.00716	-.00962	.00010	.00006
#3	-.01423	.00093	.02108	.00019	.00662	-.00873	.00024	.00011

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00091	.03276	.00054	.00273	.06421	-.0027	-.00223	1937.2
Stddev	.00016	.00162	.00020	.00045	.00234	.0001	.00185	27.6
%RSD	17.920	4.9309	36.427	16.399	3.6465	1.957	83.046	1.4270

#1	.00109	.03462	.00074	.00306	.06546	-.0028	-.00365	1963.4
#2	.00086	.03189	.00034	.00292	.06151	-.0027	-.00291	1908.3
#3	.00077	.03176	.00055	.00222	.06567	-.0027	-.00013	1939.8

Sample Name: S0 Acquired: 8/16/2019 11:36:54 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-273.09
Stddev	7.04
%RSD	2.5782

#1	-267.45
#2	-270.85
#3	-280.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.9	22066.	2377.8	26.917	2165.5
Stddev	10.8	129.	18.6	1.027	8.3
%RSD	.52108	.58637	.78196	3.8135	.38409

#1	2073.7	22080.	2364.2	28.020	2163.8
#2	2069.8	21931.	2370.2	25.990	2158.1
#3	2090.2	22189.	2399.0	26.740	2174.5

Sample Name: S1 Acquired: 8/16/2019 11:41:22 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00110	.00643	.00226	.00069	.00912	.00321	.05670	.00920
Stddev	.00027	.00011	.00031	.00024	.00042	.00019	.00059	.00017
%RSD	24.403	1.6518	13.896	33.908	4.5613	5.9277	1.0340	1.8883

#1	.00083	.00630	.00190	.00047	.00960	.00308	.05605	.00927
#2	.00110	.00647	.00249	.00068	.00885	.00312	.05720	.00934
#3	.00136	.00650	.00239	.00094	.00891	.00342	.05686	.00901

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03528	.00305	.04354	.03153	.01698	.03921	.01858	.00423
Stddev	.00066	.00019	.00015	.00032	.00024	.00015	.00046	.00025
%RSD	1.8785	6.3084	.33577	1.0031	1.4192	.37483	2.4513	5.9088

#1	.03481	.00304	.04367	.03178	.01700	.03938	.01910	.00408
#2	.03500	.00324	.04338	.03164	.01721	.03916	.01823	.00452
#3	.03604	.00286	.04356	.03117	.01673	.03910	.01843	.00409

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00952	.13346	.15177	.00031	.00146	.23472	.00860	.01716
Stddev	.00011	.00024	.00044	.00009	.00010	.00340	.00013	.00113
%RSD	1.1346	.17673	.29013	28.623	6.7091	1.4473	1.5427	6.6047

#1	.00951	.13370	.15131	.00026	.00145	.23796	.00852	.01737
#2	.00963	.13345	.15180	.00042	.00157	.23119	.00853	.01594
#3	.00942	.13323	.15219	.00026	.00138	.23501	.00876	.01818

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10329	-.0008	.25130	2007.5	-279.49
Stddev	.00304	.0002	.00175	19.0	11.29
%RSD	2.9470	21.89	.69736	.94647	4.0388

#1	.10462	-.0010	.24973	2022.6	-267.47
#2	.10545	-.0009	.25097	1986.2	-289.87
#3	.09981	-.0006	.25319	2013.7	-281.14

Sample Name: S1 Acquired: 8/16/2019 11:41:22 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.7	22329.	2402.8	26.750	2192.7
Stddev	2.9	47.	17.0	.882	.5
%RSD	.13910	.20873	.70880	3.2980	.02179
#1	2097.1	22288.	2386.1	26.130	2193.2
#2	2092.4	22380.	2420.2	26.360	2192.2
#3	2097.7	22319.	2402.1	27.760	2192.7

Sample Name: S2 Acquired: 8/16/2019 11:45:56 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11850	.00243	.09567	.00812
Stddev	.00046	.00006	.00227	.00052
%RSD	.38621	2.4840	2.3734	6.4114

#1	.11832	.00242	.09315	.00754
#2	.11902	.00238	.09633	.00825
#3	.11817	.00250	.09755	.00856

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	22206.	2394.7
Stddev	21.	26.3
%RSD	.09584	1.0964

#1	22184.	2364.8
#2	22226.	2405.4
#3	22209.	2414.0

Sample Name: S3 Acquired: 8/16/2019 11:50:13 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15426	.47606	.47206	.17798	.38647	.05509	2.7453	.18219
Stddev	.00013	.00056	.00272	.00026	.00036	.00047	.0067	.00046
%RSD	.08282	.11661	.57695	.14822	.09402	.85067	.24452	.25084

#1	.15412	.47542	.46992	.17769	.38668	.05460	2.7382	.18230
#2	.15429	.47635	.47114	.17820	.38605	.05513	2.7462	.18257
#3	.15438	.47642	.47513	.17806	.38667	.05553	2.7516	.18168

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.2591	.69475	.14299	1.8040	.56660	.34837	2.1392	.01428
Stddev	.0099	.00457	.00070	.0008	.00060	.00080	.0098	.00011
%RSD	.15749	.65813	.48743	.04275	.10511	.22859	.45659	.76855

#1	6.2501	.68948	.14302	1.8032	.56699	.34786	2.1327	.01416
#2	6.2696	.69711	.14228	1.8047	.56591	.34929	2.1505	.01437
#3	6.2576	.69766	.14368	1.8040	.56689	.34797	2.1345	.01432

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.96424	.19770	.48140	.29115	3.7774	.09859	1.8655	.00816
Stddev	.00149	.00050	.00059	.00047	.0018	.00062	.0019	.00006
%RSD	.15418	.25389	.12317	.16303	.04712	.62852	.10425	.74876

#1	.96349	.19755	.48100	.29093	3.7763	.09788	1.8633	.00817
#2	.96328	.19827	.48111	.29170	3.7795	.09892	1.8665	.00821
#3	.96595	.19730	.48208	.29083	3.7766	.09898	1.8668	.00809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10453	1.2697	.56305	.93946	9.1601	.2265	29.301	1888.4
Stddev	.00052	.0047	.00069	.00847	.0370	.0007	.137	29.5
%RSD	.49974	.37223	.12342	.90166	.40391	.2953	.46836	1.5606

#1	.10498	1.2643	.56308	.93101	9.1255	.2262	29.231	1863.9
#2	.10396	1.2734	.56233	.93944	9.1557	.2273	29.214	1921.1
#3	.10465	1.2713	.56372	.94795	9.1991	.2260	29.460	1880.1

Sample Name: S3 Acquired: 8/16/2019 11:50:13 Type: Cal
 Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-272.81
Stddev	12.52
%RSD	4.5884

#1	-272.94
#2	-260.23
#3	-285.27

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.9	21995.	2373.6	26.695	2050.6
Stddev	3.3	58.	1.6	.918	3.0
%RSD	.16104	.26223	.06856	3.4398	.14781

#1	2055.8	21995.	2375.2	25.979	2052.4
#2	2049.3	21938.	2371.9	27.730	2047.1
#3	2053.6	22053.	2373.6	26.375	2052.3

Sample Name: S4 Acquired: 8/16/2019 11:54:18 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31457	.97689	.97132	.36032	.77958	.10852	5.5459	.36667
Stddev	.00016	.00133	.00406	.00072	.00096	.00094	.0584	.00069
%RSD	.05181	.13661	.41797	.20042	.12368	.86924	1.0533	.18868
#1	.31444	.97753	.97349	.36056	.77930	.10766	5.4792	.36634
#2	.31475	.97779	.97383	.36088	.78066	.10953	5.5703	.36620
#3	.31452	.97536	.96664	.35950	.77879	.10837	5.5882	.36746
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.937	1.3927	.28625	3.6895	1.1141	.69226	4.2715	.02883
Stddev	.025	.0077	.00123	.0061	.0006	.00072	.0023	.00054
%RSD	.19221	.55219	.42858	.16553	.05022	.10335	.05375	1.8797
#1	12.949	1.3839	.28688	3.6932	1.1135	.69290	4.2695	.02821
#2	12.953	1.3964	.28703	3.6929	1.1141	.69239	4.2709	.02918
#3	12.908	1.3978	.28484	3.6825	1.1146	.69148	4.2740	.02911
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9831	.39296	.95321	.58321	7.8182	.20882	3.7632	.01644
Stddev	.0044	.00088	.01049	.00112	.0135	.00076	.0042	.00017
%RSD	.22156	.22377	1.1009	.19205	.17239	.36285	.11206	1.0388
#1	1.9857	.39366	.94137	.58375	7.8313	.20874	3.7601	.01627
#2	1.9857	.39325	.95690	.58396	7.8188	.20962	3.7680	.01661
#3	1.9781	.39197	.96136	.58192	7.8044	.20811	3.7615	.01645
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.22154	2.5630	1.1598	1.8921	18.370	.4825	58.917	1842.1
Stddev	.00045	.0198	.0018	.0052	.111	.0027	.332	19.1
%RSD	.20296	.77164	.15747	.27340	.60209	.5523	.56342	1.0389
#1	.22155	2.5789	1.1613	1.8866	18.355	.4823	58.793	1840.1
#2	.22199	2.5408	1.1603	1.8930	18.268	.4853	58.664	1824.1
#3	.22109	2.5693	1.1577	1.8968	18.488	.4800	59.293	1862.2

Sample Name: S4 Acquired: 8/16/2019 11:54:18 Type: Cal
 Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-260.70
Stddev	1.72
%RSD	.65886

#1	-262.68
#2	-259.78
#3	-259.63

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.6	21823.	2360.0	24.690	1954.5
Stddev	2.6	60.	20.9	.229	4.9
%RSD	.13061	.27562	.88574	.92899	.24944

#1	2013.8	21808.	2336.9	24.880	1948.9
#2	2019.0	21772.	2377.5	24.435	1956.3
#3	2016.9	21889.	2365.7	24.755	1958.1

Sample Name: S5 Acquired: 8/16/2019 11:58:17 Type: Cal
Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.63402	1.9655	2.0124	.71548	1.5529	.21418	11.046	.71721
Stddev	.00250	.0069	.0021	.00227	.0060	.00216	.064	.00170
%RSD	.39437	.34955	.10402	.31667	.38698	1.0075	.57998	.23680

#1	.63153	1.9602	2.0137	.71349	1.5493	.21223	10.979	.71840
#2	.63399	1.9733	2.0100	.71501	1.5496	.21381	11.053	.71526
#3	.63653	1.9630	2.0134	.71795	1.5598	.21650	11.106	.71796

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.375	2.7626	.55826	7.5508	2.1810	1.3474	8.3118	.05710
Stddev	.020	.0263	.00126	.0090	.0063	.0020	.0178	.00059
%RSD	.07738	.95255	.22624	.11933	.29074	.15145	.21383	1.0400

#1	26.374	2.7535	.55970	7.5499	2.1801	1.3475	8.3263	.05651
#2	26.396	2.7420	.55768	7.5602	2.1752	1.3494	8.2920	.05709
#3	26.355	2.7922	.55738	7.5423	2.1877	1.3453	8.3171	.05770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0209	.77550	1.8792	1.1520	16.061	.42566	7.4998	.03265
Stddev	.0047	.00161	.0099	.0012	.013	.00325	.0237	.00043
%RSD	.11795	.20760	.52782	.10694	.07979	.76243	.31625	1.3088

#1	4.0187	.77710	1.8708	1.1534	16.058	.42192	7.4820	.03226
#2	4.0264	.77388	1.8768	1.1518	16.075	.42773	7.4906	.03258
#3	4.0177	.77552	1.8902	1.1510	16.050	.42732	7.5267	.03310

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.46566	4.9622	2.3716	3.7817	36.313	1.005	117.01	1750.2
Stddev	.00165	.0238	.0030	.0352	.242	.002	.64	17.5
%RSD	.35522	.47947	.12762	.93056	.66522	.1956	.54430	1.0020

#1	.46485	4.9622	2.3705	3.7528	36.057	1.004	116.47	1759.8
#2	.46756	4.9385	2.3750	3.7714	36.346	1.007	116.86	1729.9
#3	.46456	4.9860	2.3693	3.8209	36.537	1.004	117.71	1760.8

Sample Name: S5 Acquired: 8/16/2019 11:58:17 Type: Cal
 Method: P4-ICP2(v3346) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-252.56
Stddev	2.58
%RSD	1.0207

#1	-255.54
#2	-251.00
#3	-251.15

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.2	21571.	2333.2	24.499	1830.9
Stddev	2.8	57.	14.3	.199	4.9
%RSD	.14500	.26422	.61259	.81197	.26638

#1	1957.7	21514.	2320.0	24.720	1827.7
#2	1961.3	21628.	2348.4	24.335	1828.4
#3	1955.7	21572.	2331.2	24.441	1836.5

Sample Name: ICV01 Acquired: 8/16/2019 12:13:06 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99825	.99625	.96072	.99783	.99088	2.5085	.50030
Stddev	.00713	.00336	.00381	.00511	.00407	.0636	.00525
%RSD	.71378	.33707	.39706	.51187	.41110	2.5354	1.0499

#1	.99995	.99291	.95809	.99396	.98618	2.4352	.49451
#2	.99043	.99621	.96510	1.0036	.99336	2.5412	.50163
#3	1.0044	.99963	.95898	.99592	.99310	2.5490	.50475

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48570	.47355	10.077	.50687	.48017	.51148	5.1100
Stddev	.00257	.00050	.030	.00075	.00088	.00137	.0196
%RSD	.52847	.10475	.29602	.14801	.18364	.26865	.38250

#1	.48718	.47337	10.101	.50773	.47939	.51044	5.1090
#2	.48274	.47411	10.086	.50634	.47998	.51096	5.0910
#3	.48719	.47317	10.043	.50655	.48113	.51304	5.1301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50129	6.0063	.48785	.48656	9.7454	.48770	.99285
Stddev	.00146	.1028	.00220	.00217	.1027	.00047	.00140
%RSD	.29207	1.7110	.45053	.44502	1.0540	.09683	.14104

#1	.49964	5.9277	.48699	.48413	9.6267	.48806	.99156
#2	.50243	5.9686	.48620	.48728	9.8042	.48716	.99266
#3	.50181	6.1226	.49034	.48828	9.8051	.48788	.99434

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7128	2.3880	F 2.3727	F -.00502	2.5888	F 2.2710	2.3988
Stddev	.0868	.0048	.0129	.00047	.0206	.0024	.0045
%RSD	.89404	.19966	.54510	9.3382	.79735	.10726	.18605

#1	9.6297	2.3826	2.3867	-.00542	2.6111	2.2682	2.3969
#2	9.8029	2.3916	2.3702	-.00512	2.5705	2.2719	2.3956
#3	9.7056	2.3899	2.3611	-.00451	2.5846	2.2728	2.4039

Sample Name: ICV01 Acquired: 8/16/2019 12:13:06 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00041	F .0013	F .00641	F 4.2150	F .90989
Stddev	.00125	.0026	.00024	.7285	4.3949
%RSD	304.23	196.2	3.7676	17.284	483.02
#1	.00164	.0042	.00614	4.6695	-1.1222
#2	-.00086	.0005	.00659	3.3747	-2.1013
#3	.00045	-.0007	.00652	4.6008	5.9531
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.6	22172.	2384.5	26.847	2099.2
Stddev	2.0	14.	28.8	.477	2.0
%RSD	.09675	.06455	1.2079	1.7773	.09477
#1	2043.6	22189.	2351.5	26.407	2096.9
#2	2045.6	22167.	2398.1	26.779	2100.7
#3	2047.6	22162.	2404.1	27.355	2100.0

Sample Name: LLICV01 Acquired: 8/16/2019 12:23:46 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02244	.03958	.01094	.01860	.05344	.10482	.10398
Stddev	.00103	.00039	.00043	.00329	.00183	.01274	.00069
%RSD	4.6044	.98552	3.9381	17.679	3.4161	12.156	.66311

#1	.02252	.03921	.01044	.01577	.05549	.11085	.10330
#2	.02137	.03999	.01119	.01781	.05285	.11343	.10468
#3	.02343	.03956	.01119	.02221	.05198	.09018	.10396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	.00592	2.0699	.00995	.02918	.02101	.10832
Stddev	.00007	.00015	.0204	.00083	.00020	.00036	.00063
%RSD	1.0705	2.4610	.98385	8.3287	.66823	1.6963	.58522

#1	.00635	.00592	2.0489	.01075	.02938	.02084	.10762
#2	.00645	.00577	2.0895	.01002	.02900	.02141	.10886
#3	.00648	.00606	2.0712	.00909	.02917	.02076	.10847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02216	2.0666	.04018	.01045	1.8972	.04056	.03892
Stddev	.00017	.0395	.00022	.00046	.0216	.00014	.00003
%RSD	.75356	1.9121	.55526	4.3744	1.1396	.35737	.07072

#1	.02200	2.0490	.03992	.01047	1.8736	.04052	.03890
#2	.02215	2.0389	.04029	.01091	1.9017	.04043	.03895
#3	.02234	2.1119	.04033	.00999	1.9161	.04072	.03892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9041	.20085	.08873	F .00184	.38059	.03359	.03789
Stddev	.0865	.00077	.00687	.00335	.00281	.00065	.00248
%RSD	4.5411	.38457	7.7402	182.40	.73879	1.9478	6.5396

#1	1.8869	.20007	.09347	.00457	.38266	.03285	.03582
#2	1.8276	.20162	.08085	.00284	.38172	.03382	.03722
#3	1.9979	.20085	.09187	-.00190	.37739	.03410	.04064

Sample Name: LLICV01 Acquired: 8/16/2019 12:23:46 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00993	.0211	.02143	F 4.9605	F<.00000
Stddev	.00032	.0014	.00012	.5192	1.4941
%RSD	3.2130	6.664	.57367	10.466	46.902

#1	.00999	.0215	.02130	5.2711	-3.5459
#2	.00959	.0195	.02144	5.2492	-1.5442
#3	.01022	.0222	.02155	4.3612	-4.4665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.5	21953.	2367.9	27.820	2139.0
Stddev	1.7	23.	10.0	1.445	2.1
%RSD	.08515	.10543	.42247	5.1942	.09672

#1	2048.5	21958.	2356.5	26.610	2140.6
#2	2045.2	21928.	2371.9	29.420	2139.6
#3	2045.8	21974.	2375.3	27.430	2136.6

Sample Name: ICB01 Acquired: 8/16/2019 12:28:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00471	.00097	-.00312	-.00360	-.00083	.00808	.00101
Stddev	.00288	.00090	.00183	.00482	.00085	.01145	.00066
%RSD	61.106	92.703	58.593	133.96	101.77	141.61	65.395

#1	.00623	-.00007	-.00155	-.00119	-.00061	.02073	.00135
#2	.00139	.00156	-.00268	-.00046	-.00012	.00509	.00025
#3	.00650	.00142	-.00512	-.00915	-.00177	-.00157	.00142

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00004	.02926	-.00068	.00001	.00053	-.00083
Stddev	.00007	.00013	.01342	.00018	.00032	.00034	.00081
%RSD	6548.8	335.67	45.872	25.598	2900.2	63.577	97.362

#1	-.00008	.00004	.04216	-.00049	.00030	.00014	-.00011
#2	.00004	-.00019	.01538	-.00072	.00006	.00071	-.00170
#3	.00004	.00003	.03023	-.00084	-.00033	.00073	-.00068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.08248	.00004	-.00240	-.21861	-.00054	-.00094
Stddev	.00008	.11490	.00017	.00036	.02356	.00054	.00018
%RSD	40.891	139.31	439.14	14.964	10.776	99.650	19.341

#1	-.00015	-.18958	.00022	-.00214	-.24524	-.00106	-.00085
#2	-.00028	-.09674	.00001	-.00281	-.20050	.00001	-.00115
#3	-.00014	.03889	-.00012	-.00224	-.21008	-.00056	-.00082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09775	-.00008	.00378	-.00879	.00020	-.00141	-.00058
Stddev	.04232	.00023	.01506	.00415	.00173	.00093	.00167
%RSD	43.291	309.39	398.80	47.264	863.96	65.844	289.55

#1	-.05192	-.00001	-.01360	-.01039	-.00150	-.00240	-.00135
#2	-.10599	-.00034	.01182	-.00407	.00014	-.00126	-.00172
#3	-.13535	.00012	.01311	-.01191	.00196	-.00057	.00134

Sample Name: ICB01 Acquired: 8/16/2019 12:28:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.0004	-.00010	F 6.1035	F<.00000
Stddev	.00074	.0021	.00006	.6669	1.1752
%RSD	56.548	530.3	65.820	10.926	30.496
#1	-.00207	.0007	-.00003	6.7780	-5.2088
#2	-.00126	.0023	-.00010	6.0881	-3.2393
#3	-.00060	-.0018	-.00016	5.4445	-3.1131
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.2	22112.	2370.4	26.918	2133.9
Stddev	8.2	18.	2.5	1.033	12.3
%RSD	.39876	.08101	.10539	3.8360	.57543
#1	2063.2	22128.	2368.4	26.800	2147.2
#2	2052.2	22093.	2373.2	28.005	2131.4
#3	2047.2	22115.	2369.5	25.950	2123.0

Sample Name: CRI01 Acquired: 8/16/2019 12:32:42 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.02421	.04094	.00878	.02092	.05312	.11180	.10348
Stddev	.00121	.00269	.00157	.00317	.00355	.01886	.00136
%RSD	4.9917	6.5730	17.887	15.132	6.6877	16.873	1.3160

#1	.02476	.04133	.00712	.01743	.05428	.13265	.10213
#2	.02282	.04342	.01025	.02170	.05596	.10684	.10344
#3	.02504	.03808	.00896	.02362	.04914	.09591	.10485

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00661	.00602	2.1166	.01074	.02980	.02233	.10855
Stddev	.00009	.00008	.0155	.00043	.00032	.00023	.00135
%RSD	1.3839	1.3222	.73337	4.0138	1.0735	1.0427	1.2424

#1	.00652	.00610	2.1009	.01027	.02956	.02260	.10703
#2	.00661	.00603	2.1171	.01081	.03016	.02219	.10900
#3	.00670	.00594	2.1319	.01112	.02967	.02220	.10961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02237	2.0760	.04040	.00839	1.8710	.04128	.03994
Stddev	.00008	.0692	.00038	.00033	.0332	.00083	.00007
%RSD	.35126	3.3340	.92837	3.9771	1.7754	2.0223	.17643

#1	.02230	2.0070	.04045	.00849	1.8395	.04060	.03989
#2	.02235	2.0755	.04001	.00866	1.8679	.04104	.04002
#3	.02245	2.1454	.04075	.00802	1.9057	.04221	.03992

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8557	.20336	.08888	F .00820	.39138	.03473	.03678
Stddev	.0016	.00043	.01659	.00569	.00334	.00063	.00289
%RSD	.08740	.21299	18.663	69.358	.85311	1.8203	7.8716

#1	1.8539	.20303	.07047	.00586	.38766	.03401	.03743
#2	1.8570	.20321	.09350	.00406	.39237	.03498	.03929
#3	1.8563	.20385	.10266	.01469	.39412	.03520	.03361

Sample Name: CRI01 Acquired: 8/16/2019 12:32:42 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01020	.0224	.02167	F 6.1162	F<.00000
Stddev	.00141	.0023	.00057	.8305	2.3208
%RSD	13.796	10.39	2.6203	13.578	64.170
#1	.01008	.0198	.02103	5.6656	-5.6510
#2	.01167	.0242	.02188	7.0746	-1.0888
#3	.00886	.0231	.02210	5.6085	-4.1100
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.4	21939.	2362.2	27.082	2123.0
Stddev	3.7	31.	10.4	.707	5.0
%RSD	.18071	.14180	.44114	2.6093	.23528
#1	2040.5	21904.	2373.0	26.270	2128.7
#2	2035.4	21964.	2361.4	27.415	2119.4
#3	2033.4	21949.	2352.3	27.560	2120.9

Sample Name: ICSA01 Acquired: 8/16/2019 12:37:10 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00720	-.00286	-.00239	-.01314	.00725	268.92	.00712	.00003
Stddev	.00386	.00122	.00279	.00171	.00366	2.37	.00033	.00012
%RSD	53.609	42.758	116.65	13.026	50.427	.88106	4.5933	420.28

#1	-.00907	-.00159	-.00020	-.01181	.00523	266.31	.00702	-.00005
#2	-.00978	-.00295	-.00553	-.01507	.01147	269.54	.00685	-.00003
#3	-.00276	-.00403	-.00144	-.01255	.00506	270.93	.00748	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	255.13	.04832	-.00036	.01046	98.188	.01480	272.19
Stddev	.00013	.16	.00073	.00013	.00158	.694	.00008	2.19
%RSD	84.337	.06297	1.5135	35.524	15.114	.70653	.55173	.80460

#1	.00009	255.05	.04748	-.00051	.00954	98.903	.01489	269.81
#2	.00006	255.03	.04865	-.00027	.01229	97.517	.01474	272.67
#3	.00029	255.32	.04882	-.00032	.00956	98.143	.01476	274.11

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00883	.00179	-.12948	.00149	-.01642	-.13938	-.00188	-.00786
Stddev	.00058	.00070	.00179	.00140	.00022	.00892	.00028	.01222
%RSD	6.5484	38.893	1.3827	93.712	1.3662	6.4010	14.878	155.47

#1	-.00855	.00260	-.12801	-.00003	-.01642	-.12971	-.00212	-.01173
#2	-.00845	.00134	-.12895	.00180	-.01619	-.14730	-.00194	-.01768
#3	-.00950	.00144	-.13147	.00271	-.01664	-.14112	-.00157	.00583

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01064	-.00961	-.00262	-.00178	.00441	.0008	.00288	6.7768
Stddev	.00862	.00315	.00146	.00194	.00093	.0015	.00067	.1766
%RSD	81.034	32.840	55.813	109.20	21.131	199.0	23.407	2.6058

#1	-.00139	-.01090	-.00116	-.00373	.00337	-.0003	.00232	6.6203
#2	-.01208	-.00601	-.00408	-.00177	.00470	.0000	.00362	6.7418
#3	-.01844	-.01191	-.00262	.00016	.00516	.0025	.00269	6.9682

Sample Name: ICSA01 Acquired: 8/16/2019 12:37:10 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 47.188
 Stddev 2.162
 %RSD 4.5823

#1 49.031
 #2 47.726
 #3 44.808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.5	20892.	2298.8	25.259	1782.1
Stddev	4.8	69.	26.0	1.537	4.6
%RSD	.25189	.33098	1.1329	6.0837	.26072

#1	1913.6	20815.	2269.1	25.504	1787.4
#2	1910.8	20948.	2309.5	23.615	1778.5
#3	1904.2	20913.	2317.7	26.659	1780.5

Sample Name: ICSAB01 Acquired: 8/16/2019 12:48:49 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.09734	.10812	.04720	.04732	.65472	264.69	.55428
Stddev	.00560	.00164	.00408	.00283	.00505	2.81	.00634
%RSD	5.7519	1.5137	8.6327	5.9829	.77184	1.0600	1.1439

#1	.10340	.10844	.04498	.04888	.65306	261.45	.54699
#2	.09237	.10634	.04472	.04903	.65071	266.51	.55729
#3	.09625	.10957	.05191	.04405	.66040	266.09	.55855

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54639	1.0542	248.95	.57088	.51979	.51490	96.816
Stddev	.00088	.0017	2.13	.00281	.00077	.00235	.729
%RSD	.16120	.16065	.85406	.49184	.14883	.45725	.75280

#1	.54542	1.0528	246.52	.57090	.51945	.51743	95.981
#2	.54714	1.0536	250.50	.57368	.51925	.51278	97.326
#3	.54661	1.0561	249.82	.56807	.52068	.51448	97.141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53192	267.43	1.0210	.22098	-.15826	.53436	1.0833
Stddev	.00218	3.03	.0039	.00074	.00883	.00275	.0022
%RSD	.40899	1.1341	.37678	.33589	5.5806	.51514	.20515

#1	.52965	263.93	1.0194	.22123	-.16206	.53128	1.0820
#2	.53399	269.23	1.0182	.22157	-.16455	.53658	1.0820
#3	.53211	269.13	1.0254	.22015	-.14816	.53523	1.0858

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18921	1.0553	1.0645	F -.01633	.98131	1.0865	1.0489
Stddev	.05125	.0031	.0423	.00702	.00273	.0060	.0079
%RSD	27.087	.29080	3.9704	43.009	.27837	.55662	.75400

#1	-.13249	1.0563	1.0190	-.01444	.97996	1.0919	1.0402
#2	-.20294	1.0519	1.0720	-.01044	.98446	1.0799	1.0557
#3	-.23219	1.0578	1.1025	-.02410	.97952	1.0876	1.0507

Sample Name: ICSAB01 Acquired: 8/16/2019 12:48:49 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00388	F -.0031	F .00230	8.3263	48.606
Stddev	.00146	.0020	.00032	1.0223	4.549
%RSD	37.589	65.57	13.899	12.279	9.3585
#1	.00228	-.0054	.00220	7.7396	48.061
#2	.00514	-.0024	.00205	9.5067	44.355
#3	.00422	-.0015	.00266	7.7324	53.404
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.6	20722.	2291.1	24.520	1753.3
Stddev	4.8	84.	13.1	1.264	2.6
%RSD	.25378	.40356	.57026	5.1553	.14627
#1	1879.4	20787.	2290.5	25.090	1754.1
#2	1888.1	20628.	2278.3	23.072	1755.4
#3	1880.4	20751.	2304.4	25.399	1750.4

Sample Name: CCV01 Acquired: 8/16/2019 12:53:16 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0435	5.0355	5.0273	5.1012	5.0620	10.053	10.201
Stddev	.0113	.0170	.0245	.0056	.0084	.041	.048
%RSD	.22411	.33712	.48759	.11012	.16698	.40801	.47490

#1	5.0309	5.0235	4.9997	5.1060	5.0526	10.017	10.159
#2	5.0528	5.0281	5.0465	5.1026	5.0689	10.098	10.190
#3	5.0468	5.0549	5.0356	5.0950	5.0645	10.046	10.254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25726	2.4959	25.509	1.0190	2.5118	1.2638	5.1464
Stddev	.00038	.0095	.134	.0044	.0090	.0019	.0102
%RSD	.14684	.38168	.52628	.43183	.35908	.15196	.19891

#1	.25726	2.4862	25.433	1.0218	2.5023	1.2623	5.1460
#2	.25688	2.4962	25.663	1.0139	2.5127	1.2659	5.1364
#3	.25764	2.5053	25.429	1.0212	2.5203	1.2631	5.1568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5133	25.563	2.5030	1.2718	25.355	2.5597	2.5081
Stddev	.0106	.191	.0127	.0032	.111	.0099	.0073
%RSD	.41968	.74522	.50933	.25209	.43887	.38686	.29018

#1	2.5253	25.345	2.4902	1.2754	25.264	2.5505	2.5004
#2	2.5054	25.641	2.5032	1.2706	25.322	2.5584	2.5089
#3	2.5093	25.701	2.5157	1.2693	25.479	2.5702	2.5149

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.950	5.0624	4.9665	4.9435	5.0209	5.0089	5.0819
Stddev	.100	.0124	.0127	.0076	.0085	.0146	.0250
%RSD	.40257	.24454	.25586	.15431	.17012	.29070	.49272

#1	24.924	5.0481	4.9639	4.9361	5.0267	4.9977	5.0621
#2	24.865	5.0691	4.9553	4.9430	5.0248	5.0037	5.1100
#3	25.061	5.0700	4.9803	4.9513	5.0111	5.0254	5.0735

Sample Name: CCV01 Acquired: 8/16/2019 12:53:16 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0124	5.051	5.0933	F 9.2742	F<.00000
Stddev	.0023	.006	.0092	.1704	1.7923
%RSD	.04645	.1213	.18136	1.8373	60.035

#1	5.0127	5.045	5.0829	9.3478	-5.0472
#2	5.0099	5.051	5.1006	9.3954	-2.1090
#3	5.0145	5.058	5.0964	9.0794	-1.7999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.9	21551.	2326.1	25.650	1915.6
Stddev	6.3	33.	11.2	1.726	8.7
%RSD	.32074	.15360	.48240	6.7285	.45247

#1	1978.2	21516.	2316.9	27.574	1924.9
#2	1966.7	21582.	2322.7	25.135	1914.0
#3	1967.9	21555.	2338.6	24.240	1907.8

Sample Name: LLCCV01 Acquired: 8/16/2019 12:57:15 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02235	.03827	.01068	.02122	.05226	.11717	.10444
Stddev	.00153	.00086	.00071	.00259	.00122	.01646	.00126
%RSD	6.8219	2.2503	6.6627	12.199	2.3414	14.049	1.2095

#1	.02206	.03767	.01131	.02416	.05333	.12338	.10320
#2	.02401	.03925	.01082	.01928	.05252	.12961	.10439
#3	.02100	.03787	.00991	.02022	.05093	.09850	.10572

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00671	.00602	2.1329	.01054	.03001	.02206	.11107
Stddev	.00012	.00017	.0101	.00058	.00009	.00039	.00133
%RSD	1.7532	2.8791	.47155	5.5190	.31214	1.7546	1.1968

#1	.00685	.00582	2.1396	.01082	.03012	.02188	.11012
#2	.00663	.00615	2.1214	.00987	.02994	.02250	.11259
#3	.00665	.00608	2.1379	.01092	.02998	.02179	.11050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02249	2.0589	.04052	.00891	1.8775	.04227	.04051
Stddev	.00025	.1430	.00037	.00041	.0391	.00065	.00020
%RSD	1.1242	6.9445	.90850	4.6208	2.0813	1.5439	.48909

#1	.02256	1.9991	.04047	.00912	1.8336	.04302	.04028
#2	.02270	2.2221	.04091	.00844	1.8907	.04187	.04063
#3	.02221	1.9555	.04018	.00918	1.9083	.04191	.04062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8412	.20651	.10013	F .01279	.40767	.03543	.03868
Stddev	.0308	.00011	.00948	.00319	.00307	.00108	.00305
%RSD	1.6739	.05433	9.4657	24.964	.75404	3.0362	7.8755

#1	1.8071	.20649	.10963	.00911	.41122	.03422	.04200
#2	1.8494	.20640	.10008	.01453	.40591	.03630	.03801
#3	1.8670	.20663	.09067	.01474	.40588	.03575	.03602

Sample Name: LLCCV01 Acquired: 8/16/2019 12:57:15 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01014	.0209	.02204	F 7.5638	F<.00000
Stddev	.00154	.0014	.00020	.6925	1.2450
%RSD	15.166	6.750	.90513	9.1552	20.774

#1	.01114	.0225	.02223	7.0028	-4.9244
#2	.01092	.0198	.02183	7.3508	-7.3599
#3	.00837	.0206	.02205	8.3377	-5.6942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.3	21810.	2328.2	26.552	2100.7
Stddev	5.4	97.	19.4	.942	4.3
%RSD	.26622	.44670	.83456	3.5479	.20495

#1	2017.1	21765.	2307.3	27.395	2099.7
#2	2007.1	21744.	2331.5	25.535	2097.1
#3	2015.5	21922.	2345.7	26.725	2105.5

Sample Name: CCB01 Acquired: 8/16/2019 13:06:20 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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	.00230	-.00015	-.00241	-.00401	-.00120	.00878	.00063
Stddev	.00041	.00093	.00159	.00299	.00077	.01462	.00011
%RSD	17.845	605.17	65.988	74.705	64.280	166.47	17.192

#1	.00275	-.00015	-.00397	-.00089	-.00041	.01712	.00062
#2	.00195	-.00109	-.00245	-.00426	-.00125	-.00810	.00075
#3	.00219	.00078	-.00080	-.00686	-.00195	.01732	.00053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00002	.02245	-.00067	-.00004	-.00001	.00104
Stddev	.00022	.00006	.02143	.00017	.00012	.00004	.00070
%RSD	2874.7	253.75	95.464	24.989	316.32	373.94	67.133

#1	-.00017	.00007	.04046	-.00086	.00006	-.00001	.00169
#2	-.00009	.00005	-.00125	-.00059	.00000	.00003	.00030
#3	.00024	-.00005	.02813	-.00055	-.00017	-.00005	.00112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.04487	-.00066	-.00297	-.22718	-.00026	-.00101
Stddev	.00008	.08459	.00036	.00045	.01664	.00076	.00008
%RSD	41.911	188.53	54.328	15.009	7.3250	289.96	8.3687

#1	-.00016	-.05224	-.00107	-.00309	-.23967	.00012	-.00109
#2	-.00013	.04317	-.00049	-.00335	-.23359	.00023	-.00092
#3	-.00029	-.12552	-.00042	-.00248	-.20829	-.00114	-.00103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16174	.00028	-.00430	F -.01050	.00399	-.00214	.00054
Stddev	.02466	.00036	.01643	.00154	.00193	.00100	.00358
%RSD	15.246	129.01	382.19	14.677	48.436	46.755	664.37

#1	-.14651	.00025	.00521	-.00940	.00340	-.00234	-.00327
#2	-.14852	.00066	-.02327	-.00983	.00616	-.00105	.00104
#3	-.19019	-.00007	.00516	-.01226	.00243	-.00302	.00385

Sample Name: CCB01 Acquired: 8/16/2019 13:06:20 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.0002	-.00008	F 8.5702	F<.00000
Stddev	.00108	.0027	.00022	.4935	3.0803
%RSD	347.01	1666.	277.96	5.7584	87.396
#1	.00010	-.0021	-.00027	8.4461	-4.6964
#2	.00149	-.0006	-.00014	9.1139	-.03028
#3	-.00065	.0032	.00017	8.1505	-5.8470
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.7	21607.	2319.8	26.315	2079.6
Stddev	5.3	86.	8.5	1.901	6.1
%RSD	.26665	.39949	.36691	7.2255	.29499
#1	1998.4	21599.	2319.7	28.085	2072.9
#2	2003.6	21697.	2311.4	26.555	2081.0
#3	2009.1	21525.	2328.4	24.305	2084.9

Sample Name: LR CHECK 1 Acquired: 8/16/2019 13:10:29 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15412	-.03280	-.21458	-.26704	.08437	1827.2	.01195	.01092
Stddev	.01307	.00460	.00619	.00597	.00268	5.4	.00085	.00020
%RSD	8.4829	14.036	2.8854	2.2338	3.1802	.29721	7.1343	1.8767

#1	-.16809	-.03752	-.20980	-.27261	.08370	1820.9	.01173	.01116
#2	-.14218	-.03255	-.21236	-.26075	.08733	1829.8	.01123	.01078
#3	-.15210	-.02833	-.22157	-.26776	.08209	1830.8	.01289	.01082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11869	1684.5	-.01753	.08523	1.2006	978.31	.00861	1917.1
Stddev	.00084	5.7	.00128	.00056	.0049	3.34	.00041	9.5
%RSD	.70941	.33602	7.3209	.65692	.40628	.34177	4.7365	.49429

#1	.11949	1681.8	-.01800	.08517	1.2062	974.47	.00895	1906.4
#2	.11781	1691.0	-.01850	.08471	1.1977	980.57	.00873	1924.4
#3	.11877	1680.7	-.01607	.08582	1.1978	979.90	.00816	1920.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10526	-.07819	1833.5	.03297	.18353	1002.2	-.00925	-.96391
Stddev	.00148	.00111	16.3	.00138	.00036	5.8	.00038	.01944
%RSD	1.4091	1.4173	.88983	4.1839	.19627	.58275	4.0606	2.0169

#1	.10578	-.07927	1822.9	.03170	.18363	1005.5	-.00965	-.96894
#2	.10642	-.07705	1852.3	.03278	.18313	1005.6	-.00921	-.94245
#3	.10359	-.07824	1825.3	.03444	.18383	995.44	-.00890	-.98034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26343	-.00424	.01404	-.05229	.03923	.0515	-1.0613	<.00000
Stddev	.01156	.00434	.00171	.00358	.00157	.0039	.0039	.73002
%RSD	4.3891	102.33	12.185	6.8507	4.0038	7.616	.36367	2.0998

#1	.25009	-.00355	.01331	-.04901	.03762	.0499	-1.0569	-35.606
#2	.27065	-.00888	.01283	-.05173	.04076	.0560	-1.0638	-34.401
#3	.26954	-.00029	.01600	-.05611	.03932	.0487	-1.0632	-34.290

Sample Name: LR CHECK 1 Acquired: 8/16/2019 13:10:29 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1380.2
Stddev 7.4
%RSD .53608

#1 1388.4
#2 1378.0
#3 1374.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1572.2	17576.	2069.8	18.432	1122.7
Stddev	2.6	45.	3.8	.780	5.2
%RSD	.16429	.25407	.18356	4.2320	.46071

#1	1575.0	17628.	2067.8	18.185	1128.4
#2	1571.6	17549.	2067.5	17.806	1121.4
#3	1569.9	17553.	2074.2	19.306	1118.3

Sample Name: LR CHECK 2 Acquired: 8/16/2019 13:15:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	-.03313	272.26	.02426	-.03680	-.18297	97.767	-.00086
Stddev	.00651	.00245	.64	.00215	.00137	.01679	.733	.00004
%RSD	379.75	7.4038	.23327	8.8654	3.7195	9.1778	.74939	4.3372
#1	-.00836	-.03426	271.59	.02186	-.03540	-.18245	97.791	-.00089
#2	.00466	-.03031	272.86	.02492	-.03813	-.16644	97.022	-.00087
#3	-.00145	-.03481	272.33	.02601	-.03687	-.20001	98.487	-.00082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00579	.30211	-.12208	-.00800	274.44	-.79454	47.077	-.09778
Stddev	.00003	.02845	.00048	.00015	.95	.00531	.516	.02291
%RSD	.57925	9.4175	.39473	1.8415	.34670	.66802	1.0959	23.432
#1	-.00581	.28677	-.12152	-.00785	273.44	-.78929	47.656	-.09308
#2	-.00580	.33494	-.12233	-.00814	274.55	-.79445	46.909	-.07757
#3	-.00575	.28462	-.12239	-.00800	275.33	-.79990	46.666	-.12267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.689	.00667	1.1926	-.20562	33.813	.59424	-.00245	.00228
Stddev	.130	.00088	.0520	.00221	.057	.03610	.00012	.00547
%RSD	.24185	13.239	4.3637	1.0765	.16932	6.0755	4.8101	239.92
#1	53.559	.00722	1.2504	-.20400	33.770	.63302	-.00236	.00382
#2	53.689	.00713	1.1782	-.20814	33.878	.58810	-.00241	-.00380
#3	53.818	.00565	1.1494	-.20472	33.791	.56160	-.00259	.00682
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08380	.00111	-.00348	.02649	.00197	-.0913	.00143	8.7596
Stddev	.00417	.00301	.00049	.00217	.00176	.0007	.00012	.7959
%RSD	4.9746	271.64	14.087	8.2070	89.186	.7698	8.7368	9.0862
#1	.07987	-.00060	-.00365	.02451	.00295	-.0907	.00129	9.6760
#2	.08817	.00458	-.00385	.02882	-.00006	-.0921	.00151	8.2411
#3	.08335	-.00066	-.00292	.02615	.00302	-.0911	.00150	8.3618

Sample Name: LR CHECK 2 Acquired: 8/16/2019 13:15:23 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .81952
 %RSD 25.739

#1 -2.3116
 #2 -3.9378
 #3 -3.3023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.5	23051.	2328.1	26.373	2003.0
Stddev	3.3	174.	22.1	1.293	3.5
%RSD	.17292	.75634	.95012	4.9031	.17450

#1	1879.6	22876.	2325.6	27.865	2006.0
#2	1877.8	23053.	2307.4	25.685	1999.2
#3	1884.1	23225.	2351.4	25.570	2003.9

Sample Name: PB122315BS Acquired: 8/16/2019 13:20:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75540	1.9051	.96526	1.8629	.79553	1.9940	.20893	.19276	.18690
Stddev	.00201	.0067	.00332	.0012	.00052	.0259	.00280	.00096	.00022
%RSD	.26625	.35254	.34374	.06614	.06527	1.2965	1.3419	.49782	.11566

#1	.75694	1.9000	.96793	1.8637	.79588	1.9888	.20610	.19229	.18702
#2	.75615	1.9026	.96631	1.8634	.79494	1.9712	.20897	.19212	.18665
#3	.75313	1.9128	.96154	1.8614	.79578	2.0221	.21171	.19386	.18703

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0638	.41475	.19516	.31703	3.1559	.20882	1.9651	.49088	.07031
Stddev	.0429	.00173	.00063	.00142	.0111	.00137	.0052	.00063	.00022
%RSD	4.0355	.41610	.32088	.44771	.35133	.65581	.26521	.12761	.31077

#1	1.0794	.41577	.19451	.31779	3.1479	.20739	1.9711	.49018	.07036
#2	1.0153	.41275	.19519	.31790	3.1514	.20894	1.9631	.49107	.07050
#3	1.0968	.41572	.19576	.31539	3.1686	.21012	1.9613	.49139	.07007

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4907	.31023	.19187	10.137	.39188	.28322	.17012	.89207	.65057
Stddev	.0564	.00052	.00030	.146	.00168	.00877	.00326	.00590	.00211
%RSD	1.6145	.16674	.15859	1.4373	.42907	3.0971	1.9173	.66103	.32406

#1	3.4361	.30974	.19217	9.9790	.39303	.27578	.17288	.89875	.65028
#2	3.4873	.31077	.19156	10.166	.39266	.29289	.16652	.88759	.65280
#3	3.5487	.31019	.19188	10.266	.38995	.28100	.17095	.88988	.64862

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19370	.11261	5.434	.21170	4.9906	6.2231
Stddev	.00184	.00024	.004	.00119	.2530	1.1356
%RSD	.94809	.20973	.0693	.56044	5.0691	18.248

#1	.19164	.11264	5.434	.21068	5.1685	7.5341
#2	.19429	.11236	5.431	.21141	4.7010	5.5453
#3	.19517	.11283	5.439	.21300	5.1024	5.5899

Sample Name: PB122315BS Acquired: 8/16/2019 13:20:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.0	22204.	2363.2	26.575	2115.2
Stddev	14.1	104.	9.5	.634	7.8
%RSD	.69281	.46843	.40045	2.3859	.37084
#1	2030.6	22294.	2352.4	26.470	2107.7
#2	2033.2	22227.	2366.8	27.255	2114.5
#3	2056.3	22090.	2370.2	26.000	2123.4

Sample Name: K4148-02DLX20 Acquired: 8/16/2019 13:24:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00026	.00347	.00142	-.00192	.05426	.00178
Stddev	.00334	.00108	.00177	.00188	.00126	.02615	.00012
%RSD	2981.5	419.78	51.087	132.28	65.750	48.199	6.9788

#1	.00265	.00046	.00442	.00360	-.00333	.02754	.00192
#2	-.00367	-.00151	.00142	.00037	-.00090	.05543	.00171
#3	.00136	.00027	.00456	.00030	-.00153	.07981	.00169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00015	34.359	-.00098	-.00042	.00250	.03896
Stddev	.00003	.00022	.146	.00043	.00051	.00017	.00079
%RSD	66.410	146.34	.42409	43.470	120.41	6.7931	2.0277

#1	.00007	.00009	34.222	-.00073	.00007	.00268	.03945
#2	.00003	.00040	34.512	-.00147	-.00038	.00234	.03805
#3	.00002	-.00003	34.343	-.00074	-.00095	.00247	.03938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	110.89	-.00388	.00037	877.60	-.00010	.00174
Stddev	.00009	.89	.00048	.00068	1.89	.00044	.00009
%RSD	3.5422	.80453	12.280	184.45	.21527	452.20	5.1754

#1	.00261	110.00	-.00405	-.00028	879.55	-.00054	.00184
#2	.00244	110.90	-.00425	.00108	875.78	.00033	.00166
#3	.00256	111.78	-.00334	.00030	877.47	-.00008	.00173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.712	.00030	.35383	F 80.621	.15454	-.03322	.00043
Stddev	.241	.00028	.01195	.175	.00338	.00049	.00227
%RSD	.67387	93.317	3.3759	.21674	2.1843	1.4882	530.83

#1	35.612	.00020	.34005	80.756	.15791	-.03331	.00250
#2	35.537	.00061	.36115	80.683	.15454	-.03269	.00078
#3	35.987	.00008	.36030	80.423	.15116	-.03366	-.00200

Sample Name: K4148-02DLX20 Acquired: 8/16/2019 13:24:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01839	.0052	.66201	10.282	F<.00000
Stddev	.00102	.0016	.00168	.161	2.9474
%RSD	5.5312	29.93	.25406	1.5643	16.993

#1	.01741	.0041	.66375	10.361	-14.012
#2	.01832	.0046	.66039	10.388	-19.608
#3	.01944	.0070	.66190	10.097	-18.413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.9	21105.	2314.1	26.132	1840.7
Stddev	10.7	161.	24.4	.198	8.2
%RSD	.55487	.76088	1.0557	.75656	.44538

#1	1925.0	20936.	2290.5	26.097	1838.9
#2	1926.5	21124.	2312.4	26.345	1833.6
#3	1944.2	21256.	2339.3	25.954	1849.7

Sample Name: K4114-01DLX10 Acquired: 8/16/2019 13:28:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	-.00052	.30995	.00300	.00204	2.5025	.16649	.00017
Stddev	.00263	.00046	.00244	.00109	.00182	.0255	.00237	.00007
%RSD	80.992	87.025	.78653	36.195	89.170	1.0189	1.4237	39.905

#1	.00192	-.00076	.31111	.00293	.00308	2.4816	.16499	.00017
#2	.00628	.00000	.30715	.00195	-.00006	2.4949	.16527	.00024
#3	.00154	-.00082	.31159	.00412	.00309	2.5309	.16922	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	14.586	.21196	.00270	.12809	5.4479	.16507	9.9359
Stddev	.00006	.062	.00151	.00011	.00081	.0094	.00071	.0640
%RSD	2.4839	.42287	.71078	4.1773	.62911	.17282	.43279	.64373

#1	.00234	14.569	.21029	.00257	.12874	5.4411	.16523	9.8623
#2	.00239	14.534	.21240	.00279	.12719	5.4440	.16570	9.9673
#3	.00246	14.654	.21321	.00274	.12835	5.4587	.16429	9.9780

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02383	.00042	13.714	.02131	.30506	4.1317	.00289	.06811
Stddev	.00033	.00020	.070	.00027	.00043	.0137	.00031	.01902
%RSD	1.3849	47.187	.51346	1.2493	.14103	.33172	10.802	27.929

#1	.02347	.00060	13.643	.02157	.30457	4.1160	.00258	.08410
#2	.02391	.00045	13.716	.02104	.30531	4.1405	.00289	.04707
#3	.02411	.00021	13.784	.02131	.30531	4.1388	.00321	.07316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67213	3.4231	.00754	.06442	.00646	.3080	.09333	4.0374
Stddev	.00574	.0149	.00092	.00036	.00064	.0009	.00036	.6603
%RSD	.85345	.43549	12.265	.55565	9.9040	.2846	.38422	16.354

#1	.67801	3.4276	.00861	.06475	.00679	.3071	.09340	3.9061
#2	.67184	3.4352	.00696	.06447	.00687	.3089	.09294	3.4527
#3	.66655	3.4065	.00705	.06404	.00572	.3081	.09365	4.7534

Sample Name: K4114-01DLX10 Acquired: 8/16/2019 13:28:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 3.7875
%RSD 404.59

#1 2.7768
#2 -.79114
#3 -4.7941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.9	22778.	2466.1	28.216	2117.5
Stddev	6.0	17.	8.1	.778	1.8
%RSD	.28558	.07639	.32748	2.7564	.08436

#1	2081.9	22793.	2457.0	27.449	2117.6
#2	2085.3	22782.	2472.3	29.004	2115.7
#3	2093.5	22759.	2469.1	28.195	2119.3

Sample Name: K4114-01DUPDLX10 Acquired: 8/16/2019 13:33:14 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	-.00085	.31028	.00190	.00200	2.5353	.16952	.00002
Stddev	.00330	.00145	.00135	.00178	.00080	.0252	.00174	.00006
%RSD	115.90	170.89	.43606	93.775	39.961	.99352	1.0279	252.30

#1	.00646	.00082	.30999	.00280	.00286	2.5128	.16834	-.00000
#2	.00209	-.00181	.31175	-.00015	.00184	2.5306	.16870	.00009
#3	-.00001	-.00154	.30909	.00305	.00129	2.5625	.17152	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	15.002	.20880	.00232	.12450	5.4880	.16821	10.184
Stddev	.00012	.091	.00079	.00016	.00040	.0075	.00096	.204
%RSD	5.2491	.60713	.37808	6.7157	.31767	.13742	.57273	1.9993

#1	.00237	14.903	.20789	.00243	.12404	5.4966	.16788	10.260
#2	.00219	15.019	.20932	.00238	.12470	5.4825	.16929	9.9538
#3	.00215	15.083	.20920	.00214	.12475	5.4850	.16744	10.340

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02406	.00033	14.365	.02105	.30914	4.0612	.00275	.04863
Stddev	.00061	.00059	.044	.00138	.00017	.0432	.00012	.02081
%RSD	2.5375	178.84	.30721	6.5468	.05590	1.0634	4.3334	42.794

#1	.02441	.00004	14.315	.01991	.30895	4.1074	.00282	.07240
#2	.02441	-.00006	14.380	.02258	.30917	4.0218	.00282	.03984
#3	.02335	.00101	14.399	.02065	.30929	4.0544	.00262	.03366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71397	3.5909	.00772	.06600	.00362	.3139	.09567	3.5013
Stddev	.00299	.0327	.00085	.00132	.00237	.0038	.00071	.9206
%RSD	.41900	.91031	10.974	2.0013	65.533	1.203	.74250	26.294

#1	.71740	3.5775	.00721	.06677	.00583	.3132	.09485	4.4523
#2	.71257	3.6282	.00725	.06676	.00389	.3180	.09605	2.6143
#3	.71193	3.5671	.00870	.06448	.00112	.3106	.09612	3.4373

Sample Name: K4114-01DUPDLX10 Acquired: 8/16/2019 13:33:14 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 4.9536
%RSD 1282.5

#1 -6.0969
#2 2.1882
#3 2.7500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.5	22747.	2455.3	26.969	2111.2
Stddev	10.6	42.	17.3	.746	9.7
%RSD	.50829	.18365	.70495	2.7675	.46128

#1	2075.6	22706.	2464.8	27.829	2102.9
#2	2096.7	22746.	2435.3	26.494	2121.9
#3	2084.3	22790.	2465.7	26.583	2108.7

Sample Name: K4114-01LDLX50 Acquired: 8/16/2019 13:37:34 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00119	.06392	-.00368	.00081	.53356	.03508
Stddev	.00366	.00125	.00203	.00178	.00018	.02413	.00098
%RSD	161.12	104.72	3.1708	48.284	21.703	4.5220	2.7937

#1	-.00019	.00024	.06380	-.00458	.00096	.51191	.03398
#2	.00053	-.00178	.06600	-.00484	.00085	.52921	.03541
#3	.00648	-.00205	.06195	-.00164	.00061	.55957	.03585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00042	3.0697	.04363	.00034	.02609	1.1509
Stddev	.00003	.00003	.0328	.00038	.00047	.00046	.0055
%RSD	71.979	6.5687	1.0699	.86647	136.31	1.7706	.47547

#1	.00001	.00040	3.0376	.04328	.00029	.02629	1.1459
#2	.00006	.00046	3.0682	.04356	.00084	.02556	1.1567
#3	.00004	.00041	3.1032	.04403	-.00010	.02641	1.1501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03454	2.0257	.00489	.00008	2.8805	.00410	.06152
Stddev	.00023	.0460	.00047	.00052	.0773	.00124	.00033
%RSD	.67483	2.2725	9.5676	679.67	2.6832	30.146	.53984

#1	.03473	1.9730	.00525	-.00037	2.7912	.00516	.06163
#2	.03461	2.0581	.00436	-.00005	2.9237	.00439	.06115
#3	.03428	2.0460	.00505	.00064	2.9265	.00274	.06179

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77164	.00035	.02959	.13625	.72618	-.00042	.00990
Stddev	.04876	.00043	.02073	.00472	.00284	.00066	.00032
%RSD	6.3185	121.53	70.044	3.4650	.39046	158.31	3.2147

#1	.80640	-.00006	.02708	.13646	.72850	-.00104	.00954
#2	.71591	.00080	.01023	.14086	.72302	.00028	.01010
#3	.79262	.00032	.05145	.13142	.72704	-.00050	.01007

Sample Name: K4114-01LDLX50 Acquired: 8/16/2019 13:37:34 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.0628	.01946	4.6515	F<.00000
Stddev	.00086	.0017	.00027	.8723	1.6201
%RSD	192.18	2.665	1.3940	18.754	93.653

#1	.00140	.0638	.01920	3.6450	-3.5733
#2	.00020	.0609	.01945	5.1200	-1.0844
#3	-.00026	.0638	.01974	5.1895	-.53208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.1	22684.	2427.5	27.867	2164.5
Stddev	6.1	117.	13.8	1.872	2.4
%RSD	.29265	.51745	.56680	6.7169	.10859

#1	2097.0	22774.	2413.6	27.455	2166.5
#2	2098.2	22551.	2441.1	29.910	2165.2
#3	2087.1	22726.	2427.8	26.235	2161.9

Sample Name: K4114-01MSDLX10 Acquired: 8/16/2019 13:42:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08606	.20090	.39628	.20578	.07467	3.0154	.18636	.02114	.02215
Stddev	.00256	.00318	.00351	.00168	.00171	.0411	.00175	.00027	.00004
%RSD	2.9747	1.5807	.88574	.81701	2.2883	1.3627	.93686	1.2689	.19502

#1	.08331	.20441	.39666	.20468	.07270	2.9928	.18474	.02129	.02210
#2	.08837	.19824	.39260	.20494	.07575	3.0628	.18821	.02130	.02217
#3	.08651	.20005	.39959	.20771	.07557	2.9906	.18613	.02083	.02217

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.665	.24132	.02271	.14936	5.6716	.18425	9.9249	.07325	.00782
Stddev	.097	.00132	.00006	.00077	.0181	.00111	.1278	.00099	.00078
%RSD	.65860	.54779	.27992	.51807	.31926	.60453	1.2879	1.3507	9.9351

#1	14.578	.24279	.02266	.14863	5.6830	.18553	9.9597	.07278	.00855
#2	14.648	.24094	.02269	.15017	5.6508	.18373	10.032	.07259	.00789
#3	14.769	.24023	.02278	.14929	5.6811	.18350	9.7832	.07439	.00700

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.435	.05308	.32235	4.8895	.04174	.06155	.64166	3.1506	.07382
Stddev	.070	.00049	.00023	.0571	.00015	.01848	.00372	.0359	.00068
%RSD	.51849	.91407	.07270	1.1678	.36907	30.017	.57939	1.1399	.91742

#1	13.355	.05307	.32213	4.8367	.04160	.06259	.64493	3.1778	.07305
#2	13.483	.05357	.32260	4.9501	.04172	.04258	.64244	3.1099	.07431
#3	13.468	.05260	.32232	4.8818	.04190	.07949	.63762	3.1641	.07411

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08904	.01312	.9116	.11368	5.3285	.66447
Stddev	.00109	.00116	.0032	.00073	.1719	3.5576
%RSD	1.2244	8.8178	.3528	.64384	3.2261	535.40

#1	.09028	.01317	.9106	.11295	5.1557	3.2673
#2	.08824	.01194	.9152	.11369	5.4995	-3.3893
#3	.08861	.01426	.9090	.11441	5.3304	2.1154

Sample Name: K4114-01MSDLX10 Acquired: 8/16/2019 13:42:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.7	22619.	2420.8	27.895	2100.6
Stddev	5.0	36.	23.9	.161	8.6
%RSD	.23935	.15796	.98751	.57716	.40819
#1	2070.7	22579.	2408.8	27.748	2095.0
#2	2069.1	22647.	2448.3	27.870	2096.3
#3	2078.4	22632.	2405.3	28.067	2110.5

Sample Name: K4381-01 Acquired: 8/16/2019 13:46:18 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	-.00115	.00561	-.00351	-.00013	.07906	.13679
Stddev	.00296	.00146	.00119	.00515	.00149	.01265	.00191
%RSD	145.63	126.43	21.305	146.71	1119.5	16.002	1.3988

#1	.00408	-.00276	.00423	.00209	.00097	.06455	.13460
#2	.00337	-.00079	.00632	-.00457	-.00182	.08489	.13768
#3	-.00136	.00009	.00627	-.00804	.00045	.08775	.13810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00015	14.605	.00033	.00114	.00756	.03454
Stddev	.00004	.00010	.097	.00054	.00012	.00037	.00184
%RSD	28.429	67.409	.66638	165.58	10.705	4.8643	5.3136

#1	.00017	.00027	14.493	-.00005	.00116	.00738	.03663
#2	.00013	.00009	14.655	.00009	.00125	.00732	.03319
#3	.00009	.00009	14.667	.00095	.00101	.00798	.03381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24812	4.3294	.00117	-.00052	82.006	-.00125	.10439
Stddev	.00059	.0859	.00043	.00070	.289	.00023	.00043
%RSD	.23802	1.9837	36.425	134.48	.35283	18.169	.41300

#1	.24788	4.4168	.00084	-.00004	81.772	-.00140	.10395
#2	.24768	4.2451	.00102	-.00020	81.917	-.00099	.10441
#3	.24879	4.3262	.00166	-.00132	82.330	-.00136	.10481

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36278	-.00040	.02234	.57534	.46562	-.00327	-.00065
Stddev	.08156	.00040	.01633	.00181	.00505	.00055	.00262
%RSD	22.483	98.998	73.120	.31404	1.0845	16.733	405.15

#1	.27206	-.00073	.00358	.57501	.47064	-.00264	.00221
#2	.43005	-.00052	.02999	.57729	.46567	-.00359	-.00122
#3	.38624	.00004	.03344	.57372	.46054	-.00358	-.00293

Sample Name: K4381-01 Acquired: 8/16/2019 13:46:18 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.0050	.04357	5.5538	F<.00000
Stddev	.00091	.0016	.00015	.3703	2.1361
%RSD	356.79	31.47	.33772	6.6683	26.352
#1	-.00024	.0044	.04354	5.8644	-5.7492
#2	.00130	.0067	.04373	5.6530	-9.9147
#3	-.00030	.0037	.04344	5.1439	-8.6535
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.1	22739.	2416.2	27.925	2107.2
Stddev	3.2	51.	17.7	.924	8.4
%RSD	.15626	.22253	.73118	3.3102	.40052
#1	2079.8	22687.	2403.3	27.747	2116.0
#2	2073.5	22744.	2408.9	27.102	2099.2
#3	2075.2	22788.	2436.3	28.925	2106.5

Sample Name: K4085-02 Acquired: 8/16/2019 13:50:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00042	.00450	-.00343	-.00257	.12270	.26923
Stddev	.00417	.00233	.00243	.00410	.00098	.00975	.00162
%RSD	104.21	557.31	54.045	119.37	38.238	7.9491	.60046

#1	-.00053	-.00154	.00566	-.00816	-.00257	.12952	.27060
#2	.00768	-.00020	.00171	-.00105	-.00159	.11153	.26964
#3	.00486	.00299	.00614	-.00108	-.00356	.12704	.26744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00038	202.80	-.00077	-.00045	.00325	-.00821
Stddev	.00003	.00003	.91	.00048	.00023	.00038	.00031
%RSD	891.30	8.1112	.44799	61.988	51.179	11.642	3.7161

#1	-.00003	.00034	202.18	-.00066	-.00063	.00282	-.00832
#2	.00004	.00041	202.39	-.00036	-.00019	.00354	-.00844
#3	.00000	.00038	203.85	-.00130	-.00055	.00340	-.00786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	80.106	-.00406	-.00074	768.92	.00151	.06821
Stddev	.00008	.221	.00105	.00048	6.03	.00103	.00024
%RSD	8.5647	.27556	25.893	64.516	.78367	68.271	.34689

#1	.00087	79.862	-.00426	-.00050	762.42	.00045	.06796
#2	.00101	80.290	-.00292	-.00043	770.01	.00156	.06824
#3	.00088	80.167	-.00499	-.00129	774.32	.00251	.06843

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.768	.04120	.32021	F 79.867	F 15.631	-.03240	-.00532
Stddev	.198	.00065	.00253	.350	.057	.00047	.00085
%RSD	.79948	1.5753	.78995	.43770	.36264	1.4431	15.969

#1	24.952	.04178	.32061	79.544	15.580	-.03191	-.00621
#2	24.558	.04133	.31750	79.818	15.621	-.03244	-.00525
#3	24.794	.04050	.32250	80.238	15.692	-.03284	-.00451

Sample Name: K4085-02 Acquired: 8/16/2019 13:50:44 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01245	.0354	1.3652	11.194	F<.00000
Stddev	.00022	.0023	.0079	.459	1.3770
%RSD	1.7823	6.518	.57990	4.1044	5.4334
#1	.01265	.0328	1.3603	11.675	-25.725
#2	.01221	.0362	1.3610	11.146	-23.816
#3	.01250	.0372	1.3744	10.760	-26.489
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.5	21322.	2330.7	25.970	1834.4
Stddev	1.1	48.	7.1	.230	5.5
%RSD	.05776	.22413	.30266	.88579	.30034
#1	1920.5	21270.	2338.7	25.749	1839.7
#2	1918.3	21331.	2328.4	25.953	1834.8
#3	1919.6	21365.	2325.2	26.208	1828.7

Sample Name: CCV02 Acquired: 8/16/2019 13:55:16 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9914	4.9267	5.0212	5.0460	5.0100	9.9491	10.082	.25182	2.4659
Stddev	.0193	.0097	.0188	.0141	.0093	.0952	.133	.00063	.0028
%RSD	.38619	.19748	.37352	.27980	.18631	.95660	1.3148	.25150	.11387
#1	4.9733	4.9352	5.0429	5.0370	5.0179	9.8496	9.9308	.25171	2.4685
#2	5.0117	4.9288	5.0097	5.0622	5.0124	9.9586	10.137	.25125	2.4629
#3	4.9894	4.9161	5.0112	5.0387	4.9997	10.039	10.179	.25250	2.4661
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.085	.99381	2.4762	1.2547	5.0602	2.4708	25.142	2.4556	1.2453
Stddev	.199	.00259	.0054	.0030	.0033	.0082	.564	.0060	.0022
%RSD	.79140	.26094	.21940	.24164	.06525	.33345	2.2442	.24597	.17796
#1	24.973	.99335	2.4823	1.2579	5.0639	2.4752	24.535	2.4591	1.2472
#2	24.969	.99148	2.4718	1.2519	5.0587	2.4613	25.241	2.4486	1.2429
#3	25.315	.99661	2.4744	1.2544	5.0578	2.4759	25.650	2.4591	1.2459
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.344	2.5200	2.4738	24.762	4.9609	4.8649	4.9165	4.8618	4.9051
Stddev	.334	.0042	.0058	.289	.0066	.0347	.0137	.0383	.0147
%RSD	1.3162	.16458	.23561	1.1656	.13299	.71404	.27885	.78719	.30024
#1	24.961	2.5186	2.4802	24.510	4.9664	4.8348	4.9044	4.9036	4.9201
#2	25.500	2.5168	2.4723	24.700	4.9627	4.8569	4.9314	4.8285	4.8907
#3	25.571	2.5247	2.4688	25.077	4.9536	4.9029	4.9136	4.8532	4.9046
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9981	4.5392	5.002	5.0195	6.3852	.29980			
Stddev	.0327	.0238	.011	.0341	.3861	2.4702			
%RSD	.65413	.52339	.2203	.67972	6.0471	823.93			
#1	4.9770	4.5311	5.014	4.9915	6.4863	-2.5161			
#2	4.9817	4.5206	4.999	5.0095	5.9586	1.3143			
#3	5.0358	4.5659	4.993	5.0575	6.7107	2.1012			

Sample Name: CCV02 Acquired: 8/16/2019 13:55:16 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.8	22272.	2414.9	26.973	1973.5
Stddev	4.9	64.	23.6	.388	5.6
%RSD	.24163	.28942	.97671	1.4374	.28245
#1	2024.2	22227.	2389.6	26.600	1967.3
#2	2025.9	22346.	2436.3	26.945	1975.3
#3	2033.4	22244.	2418.7	27.374	1978.0

Sample Name: CCB02 Acquired: 8/16/2019 13:59:15 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00019	.00069	-.00146	.00122	.00413	.00129
Stddev	.00286	.00143	.00099	.00437	.00105	.01815	.00074
%RSD	181.06	760.35	142.25	300.25	86.495	439.61	57.043

#1	.00243	.00067	-.00035	-.00630	.00001	.02014	.00134
#2	.00392	.00061	.00161	.00219	.00171	.00784	.00053
#3	-.00161	-.00184	.00082	-.00026	.00193	-.01559	.00200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00003	.02604	-.00017	-.00022	-.00021	-.00081
Stddev	.00009	.00010	.02619	.00030	.00016	.00076	.00136
%RSD	134.07	353.72	100.58	172.86	75.415	369.59	167.62

#1	-.00016	.00008	.03001	-.00004	-.00034	-.00009	-.00232
#2	.00001	-.00008	.05002	-.00051	-.00027	-.00102	-.00041
#3	-.00004	.00009	-.00191	.00004	-.00003	.00049	.00030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01623	-.00021	-.00031	.13962	-.00011	-.00063
Stddev	.00008	.04956	.00024	.00036	.01231	.00087	.00009
%RSD	138.31	305.28	113.56	116.30	8.8134	755.77	14.190

#1	-.00006	-.06888	-.00024	-.00063	.13151	-.00111	-.00065
#2	-.00013	-.00934	-.00044	-.00038	.13358	.00048	-.00071
#3	.00002	.02952	.00004	.00008	.15378	.00029	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04736	.00104	.01014	-.00493	.00025	-.00130	.00074
Stddev	.03721	.00064	.02166	.00325	.00449	.00084	.00038
%RSD	78.561	61.276	213.69	65.902	1800.0	64.845	50.774

#1	.05318	.00164	.00117	-.00860	-.00457	-.00223	.00115
#2	.08132	.00112	.03484	-.00376	.00432	-.00058	.00066
#3	.00759	.00037	-.00560	-.00243	.00100	-.00109	.00041

Sample Name: CCB02 Acquired: 8/16/2019 13:59:15 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.0000	-.00005	5.5917	F<.00000
Stddev	.00104	.0004	.00009	.2276	2.2551
%RSD	76.651	1346.	191.75	4.0705	40.800

#1	.00046	-.0005	.00003	5.4788	-4.9244
#2	.00111	.0003	-.00015	5.4426	-3.6349
#3	.00250	.0000	-.00002	5.8537	-8.0225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.3	22442.	2397.3	27.115	2155.0
Stddev	3.8	29.	4.2	.586	4.1
%RSD	.18160	.13112	.17540	2.1616	.18858

#1	2081.3	22450.	2395.8	26.570	2150.8
#2	2073.8	22409.	2402.1	27.735	2155.4
#3	2076.7	22466.	2394.1	27.040	2158.9

Sample Name: K4114-01MSDDLX10 Acquired: 8/16/2019 14:03:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08321	.20101	.39633	.20574	.07614	2.9020	.18286	.02119	.02210
Stddev	.00122	.00156	.00083	.00510	.00306	.0609	.00321	.00074	.00006
%RSD	1.4676	.77607	.20829	2.4788	4.0162	2.0972	1.7539	3.5078	.24930

#1	.08180	.20098	.39664	.21043	.07920	2.9647	.18648	.02204	.02205
#2	.08394	.20259	.39540	.20031	.07613	2.8431	.18036	.02065	.02208
#3	.08388	.19947	.39697	.20648	.07308	2.8982	.18175	.02088	.02216

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.366	.24579	.02244	.15212	5.6716	.18325	9.8548	.07259	.00878
Stddev	.090	.00624	.00014	.00021	.1446	.00519	.1675	.00026	.00072
%RSD	.62563	2.5376	.63768	.13783	2.5503	2.8341	1.6996	.35275	8.2313

#1	14.280	.25297	.02244	.15188	5.8351	.18911	10.006	.07231	.00960
#2	14.459	.24169	.02259	.15225	5.5603	.17922	9.6746	.07266	.00824
#3	14.359	.24273	.02230	.15223	5.6195	.18143	9.8841	.07281	.00850

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.280	.05349	.31410	4.8496	.04177	.07933	.63234	2.7661	.07509
Stddev	.244	.00189	.00032	.0521	.00019	.02277	.00219	.0200	.00138
%RSD	1.8386	3.5319	.10048	1.0746	.45622	28.702	.34662	.72438	1.8436

#1	13.548	.05553	.31445	4.8666	.04190	.10217	.63401	2.7877	.07418
#2	13.069	.05180	.31400	4.8911	.04187	.05663	.62986	2.7482	.07439
#3	13.223	.05313	.31385	4.7911	.04156	.07921	.63315	2.7625	.07668

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08334	.01479	.9041	.11188	5.3092	.66900
Stddev	.00214	.00064	.0004	.00125	1.7034	2.8190
%RSD	2.5706	4.3489	.0472	1.1172	32.084	421.37

#1	.08358	.01405	.9043	.11044	7.2317	-2.4204
#2	.08536	.01521	.9044	.11250	3.9879	1.3256
#3	.08109	.01512	.9036	.11269	4.7080	3.1018

Sample Name: K4114-01MSDDLX10 Acquired: 8/16/2019 14:03:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.8	22402.	2417.2	26.713	2113.4
Stddev	6.7	566.	12.0	.497	4.2
%RSD	.32359	2.5266	.49799	1.8610	.19994
#1	2087.1	21750.	2408.1	27.219	2112.5
#2	2077.2	22773.	2412.7	26.696	2109.6
#3	2090.1	22683.	2430.9	26.225	2118.0

Sample Name: K4114-01ADLX10 Acquired: 8/16/2019 14:08:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08547	.20669	.41076	.21066	.07909	2.9704	.18624
Stddev	.00266	.00169	.00191	.00134	.00325	.0190	.00199
%RSD	3.1082	.81865	.46467	.63478	4.1109	.63923	1.0683

#1	.08793	.20564	.41199	.21219	.08102	2.9701	.18444
#2	.08581	.20864	.41172	.21006	.07534	2.9515	.18590
#3	.08265	.20578	.40856	.20972	.08092	2.9895	.18837

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02178	.02290	14.722	.25286	.02338	.15803	5.7834
Stddev	.00012	.00013	.036	.00153	.00022	.00101	.0046
%RSD	.53406	.55613	.24581	.60690	.92667	.63637	.07984

#1	.02189	.02280	14.704	.25450	.02314	.15795	5.7838
#2	.02166	.02304	14.763	.25146	.02345	.15907	5.7785
#3	.02181	.02286	14.698	.25261	.02356	.15707	5.7878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18828	10.185	.07524	.00899	13.516	.05453	.32567
Stddev	.00149	.071	.00075	.00052	.129	.00057	.00038
%RSD	.78891	.69600	.99820	5.7835	.95080	1.0447	.11530

#1	.18945	10.226	.07584	.00845	13.403	.05517	.32524
#2	.18661	10.103	.07547	.00901	13.489	.05408	.32584
#3	.18879	10.226	.07439	.00949	13.656	.05434	.32593

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9161	.04324	.06407	.65212	2.8558	.07603	.08578
Stddev	.0782	.00054	.01554	.00031	.0294	.00092	.00165
%RSD	1.5908	1.2548	24.250	.04695	1.0282	1.2138	1.9262

#1	4.8399	.04331	.06190	.65246	2.8896	.07589	.08768
#2	4.9123	.04374	.08058	.65186	2.8363	.07518	.08491
#3	4.9961	.04267	.04974	.65206	2.8415	.07701	.08473

Sample Name: K4114-01ADLX10 Acquired: 8/16/2019 14:08:05 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01446	.9370	.11480	3.4768	F<.00000
Stddev	.00161	.0027	.00016	.2810	3.2228
%RSD	11.111	.2862	.13938	8.0816	125.99

#1	.01426	.9360	.11493	3.2873	-2.3913
#2	.01615	.9400	.11486	3.3436	.57839
#3	.01296	.9349	.11462	3.7996	-5.8607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.1	22562.	2418.6	27.864	2108.1
Stddev	9.4	99.	16.1	.561	4.0
%RSD	.45324	.43776	.66539	2.0120	.18819

#1	2068.4	22540.	2400.2	27.619	2103.7
#2	2078.6	22670.	2426.0	28.506	2109.4
#3	2087.2	22476.	2429.7	27.469	2111.3

Sample Name: PB122315BL Acquired: 8/16/2019 14:12:26 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00003	.00002	-.00492	-.00027	-.00699	.00053
Stddev	.00645	.00150	.00157	.00334	.00149	.02907	.00056
%RSD	431.50	5073.6	8128.9	67.904	557.11	415.67	104.99

#1	.00325	-.00130	.00152	-.00153	.00112	.02021	.00117
#2	.00689	-.00042	-.00160	-.00502	-.00008	-.03762	.00029
#3	-.00565	.00163	.00014	-.00821	-.00184	-.00357	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00004	.03005	-.00099	-.00013	-.00021	-.00075
Stddev	.00003	.00004	.01002	.00023	.00011	.00062	.00093
%RSD	17.309	109.53	33.348	23.174	88.685	292.64	123.77

#1	-.00017	-.00009	.04128	-.00072	-.00009	-.00093	-.00023
#2	-.00012	-.00001	.02687	-.00111	-.00004	.00010	-.00019
#3	-.00016	-.00002	.02201	-.00112	-.00025	.00019	-.00182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.06701	-.00008	.00029	-.12679	-.00072	-.00083
Stddev	.00013	.02120	.00053	.00024	.00733	.00069	.00008
%RSD	105.06	31.631	645.07	80.296	5.7785	96.825	9.7667

#1	-.00021	-.09054	.00030	.00051	-.13464	-.00032	-.00074
#2	-.00018	-.06107	-.00069	.00032	-.12013	-.00152	-.00083
#3	.00002	-.04942	.00014	.00004	-.12560	-.00031	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05374	-.00040	-.01385	-.00863	.00153	-.00288	.00088
Stddev	.04985	.00014	.02309	.00263	.00272	.00040	.00106
%RSD	92.761	34.331	166.69	30.434	177.10	13.947	120.06

#1	-.05430	-.00055	-.00336	-.00723	.00382	-.00320	.00182
#2	-.10329	-.00037	.00213	-.00700	-.00147	-.00243	-.00026
#3	-.00361	-.00028	-.04033	-.01166	.00224	-.00302	.00109

Sample Name: PB122315BL Acquired: 8/16/2019 14:12:26 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.0009	-.00006	F 3.9346	F<.00000
Stddev	.00147	.0031	.00012	.8411	3.3901
%RSD	650.96	335.0	182.47	21.378	54.475

#1	.00062	.0008	-.00017	3.2866	-9.4694
#2	-.00140	.0009	-.00009	4.8852	-6.4944
#3	.00146	-.0045	.00006	3.6321	-2.7056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.5	22510.	2391.7	28.317	2167.3
Stddev	3.2	51.	10.2	1.561	1.4
%RSD	.15334	.22530	.42828	5.5109	.06564

#1	2080.3	22454.	2403.4	29.735	2167.8
#2	2077.4	22554.	2384.5	28.570	2165.7
#3	2083.8	22522.	2387.2	26.645	2168.4

Sample Name: PB122320BL Acquired: 8/16/2019 14:16:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	-.00001	-.00037	-.00440	-.00002	.00264	.00099
Stddev	.00189	.00212	.00063	.00260	.00112	.00753	.00049
%RSD	44.873	16675.	172.47	59.162	5069.3	284.90	49.437

#1	.00623	.00152	.00032	-.00199	.00103	.01054	.00074
#2	.00248	.00087	-.00050	-.00716	.00010	-.00446	.00069
#3	.00394	-.00243	-.00092	-.00404	-.00120	.00186	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00010	.00597	-.00047	-.00020	.00009	-.00024
Stddev	.00014	.00008	.00507	.00015	.00028	.00006	.00077
%RSD	748.06	84.008	84.936	31.862	141.36	73.799	318.83

#1	.00010	.00006	.00732	-.00041	-.00010	.00003	-.00111
#2	.00010	.00004	.00036	-.00064	-.00052	.00007	.00001
#3	-.00014	.00019	.01022	-.00036	.00002	.00016	.00037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.06475	-.00007	-.00082	-.15284	-.00038	-.00083
Stddev	.00002	.01596	.00023	.00037	.02379	.00044	.00006
%RSD	49.140	24.646	342.66	45.410	15.564	117.23	7.6804

#1	-.00008	-.08059	-.00021	-.00115	-.18012	-.00049	-.00083
#2	-.00004	-.04867	.00020	-.00088	-.13643	-.00076	-.00077
#3	-.00003	-.06500	-.00019	-.00042	-.14197	.00011	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07312	-.00029	-.00615	-.00767	-.00039	-.00238	-.00151
Stddev	.10220	.00023	.01550	.00414	.00216	.00107	.00279
%RSD	139.78	81.691	251.92	54.004	553.17	44.836	184.66

#1	-.18966	-.00002	-.02310	-.00662	.00208	-.00262	-.00348
#2	.00122	-.00040	-.00267	-.01224	-.00191	-.00331	-.00274
#3	-.03091	-.00044	.00731	-.00416	-.00135	-.00121	.00168

Sample Name: PB122320BL Acquired: 8/16/2019 14:16:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.0000	-.00007	F 5.3042	F<.00000
Stddev	.00068	.0005	.00013	.6021	2.5847
%RSD	556.00	17300.	188.62	11.351	58.282

#1	-.00002	.0005	-.00019	5.5553	-7.2590
#2	-.00047	-.0005	.00006	5.7401	-3.8586
#3	.00086	-.0000	-.00008	4.6172	-2.1869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.2	22461.	2383.2	28.130	2167.3
Stddev	7.0	69.	11.5	.367	1.3
%RSD	.33727	.30860	.48164	1.3034	.05995

#1	2081.8	22397.	2370.0	28.265	2167.4
#2	2069.1	22535.	2388.7	28.410	2166.0
#3	2080.6	22450.	2390.9	27.715	2168.5

Sample Name: PB122320BS Acquired: 8/16/2019 14:21:22 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74566	1.8682	.94797	1.8261	.76684	1.9679	.20457
Stddev	.00392	.0073	.00392	.0093	.00289	.0115	.00142
%RSD	.52583	.38802	.41383	.50695	.37731	.58242	.69620

#1	.74527	1.8762	.95096	1.8361	.76968	1.9802	.20293
#2	.74976	1.8621	.94353	1.8178	.76695	1.9575	.20550
#3	.74194	1.8662	.94943	1.8243	.76390	1.9662	.20527

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18942	.18344	1.0545	.40529	.19141	.30872	3.1069
Stddev	.00004	.00014	.0085	.00095	.00059	.00137	.0037
%RSD	.02321	.07663	.80746	.23528	.30625	.44246	.11852

#1	.18946	.18357	1.0458	.40639	.19205	.30958	3.1037
#2	.18942	.18347	1.0550	.40472	.19129	.30944	3.1061
#3	.18937	.18329	1.0628	.40474	.19090	.30715	3.1109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20301	1.9830	.47627	.06968	2.8547	.30737	.18555
Stddev	.00081	.0754	.00237	.00109	.0182	.00084	.00038
%RSD	.39963	3.8032	.49783	1.5607	.63803	.27309	.20523

#1	.20317	1.8960	.47413	.06931	2.8371	.30767	.18596
#2	.20373	2.0296	.47585	.06883	2.8534	.30801	.18520
#3	.20213	2.0235	.47882	.07091	2.8735	.30642	.18550

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6291	.37897	.28195	F -.01436	.87744	.62870	.18731
Stddev	.0366	.00075	.01391	.00349	.00887	.00131	.00166
%RSD	.38027	.19798	4.9339	24.272	1.0114	.20760	.88774

#1	9.6510	.37971	.26672	-.01183	.87871	.62810	.18546
#2	9.6495	.37899	.29398	-.01834	.88560	.62780	.18782
#3	9.5869	.37821	.28516	-.01292	.86799	.63019	.18866

Sample Name: PB122320BS Acquired: 8/16/2019 14:21:22 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .10496	5.325	.20769	F 5.8993	F 7.0526
Stddev	.00142	.005	.00077	.6580	3.1282
%RSD	1.3550	.0963	.37160	11.153	44.355
#1	.10634	5.319	.20681	5.4534	10.646
#2	.10503	5.326	.20797	5.5895	5.5743
#3	.10350	5.329	.20827	6.6550	4.9374
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.0	22515.	2392.8	26.600	2146.6
Stddev	2.4	49.	9.7	.365	4.1
%RSD	.11595	.21683	.40371	1.3714	.18962
#1	2060.8	22463.	2382.8	26.745	2142.0
#2	2062.6	22560.	2393.6	26.870	2149.5
#3	2065.5	22522.	2402.0	26.185	2148.5

Sample Name: PB122331BL Acquired: 8/16/2019 14:25:29 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.00045	-.00086	-.00256	-.00059	.01832	.00159
Stddev	.00303	.00100	.00080	.00414	.00063	.00748	.00062
%RSD	169.76	224.06	92.451	161.68	106.44	40.815	38.831

#1	-.00167	.00152	-.00036	-.00002	-.00035	.01851	.00229
#2	.00399	.00027	-.00045	-.00032	-.00130	.01075	.00117
#3	.00303	-.00045	-.00178	-.00733	-.00012	.02570	.00130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00009	.02077	-.00088	-.00021	-.00027	.00039
Stddev	.00007	.00010	.01822	.00032	.00016	.00023	.00092
%RSD	241.34	108.04	87.740	36.863	76.044	85.964	235.42

#1	-.00011	-.00020	.01506	-.00102	-.00026	-.00000	.00134
#2	.00003	-.00007	.04117	-.00111	-.00003	-.00041	-.00051
#3	-.00001	-.00000	.00609	-.00051	-.00034	-.00040	.00035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00251	.00040	-.00104	-.17849	-.00071	-.00084
Stddev	.00007	.03962	.00065	.00082	.00458	.00045	.00020
%RSD	73.696	1575.9	160.16	78.931	2.5660	64.065	23.463

#1	-.00010	-.02458	.00063	-.00063	-.18028	-.00101	-.00063
#2	-.00002	.04323	.00091	-.00199	-.18191	-.00019	-.00102
#3	-.00016	-.02619	-.00033	-.00051	-.17329	-.00094	-.00088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05889	-.00005	-.01246	F -.01187	-.00159	-.00248	.00067
Stddev	.06406	.00008	.00913	.00209	.00276	.00069	.00134
%RSD	108.78	177.95	73.265	17.601	173.93	27.759	200.18

#1	-.01534	.00004	-.01530	-.01043	.00075	-.00323	.00099
#2	-.13245	-.00006	-.00225	-.01092	-.00464	-.00188	-.00080
#3	-.02889	-.00012	-.01984	-.01427	-.00088	-.00232	.00182

Sample Name: PB122331BL Acquired: 8/16/2019 14:25:29 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.0004	-.00004	F 5.3339	F<.00000
Stddev	.00130	.0019	.00013	.6838	2.1077
%RSD	65.801	462.9	347.54	12.820	55.651
#1	-.00262	-.0011	.00010	4.8728	-2.3409
#2	-.00285	-.0019	-.00005	5.0093	-2.8155
#3	-.00048	.0017	-.00016	6.1196	-6.2056
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.0	22732.	2416.4	28.565	2179.3
Stddev	4.1	29.	15.3	1.107	6.6
%RSD	.19620	.12908	.63283	3.8736	.30313
#1	2093.5	22705.	2399.9	27.310	2174.7
#2	2098.3	22727.	2430.2	29.400	2186.9
#3	2090.2	22763.	2419.1	28.985	2176.4

Sample Name: PB122331BS Acquired: 8/16/2019 14:29:56 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79423	1.9517	.97936	2.0757	.81757	2.0030	.20387
Stddev	.00468	.0050	.00163	.0041	.00267	.0145	.00136
%RSD	.58874	.25516	.16646	.19658	.32666	.72381	.66722

#1	.79712	1.9465	.97877	2.0790	.81766	1.9877	.20237
#2	.78884	1.9564	.98120	2.0712	.82019	2.0165	.20422
#3	.79674	1.9522	.97810	2.0769	.81485	2.0047	.20503

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20809	.19313	1.1548	.41672	.19535	.32667	3.3027
Stddev	.00064	.00032	.0141	.00338	.00058	.00079	.0060
%RSD	.30879	.16508	1.2223	.80994	.29902	.24237	.18132

#1	.20880	.19289	1.1395	.41982	.19536	.32742	3.3064
#2	.20795	.19349	1.1672	.41721	.19592	.32674	3.3060
#3	.20754	.19301	1.1578	.41313	.19475	.32585	3.2958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20911	2.0275	.49087	.07417	2.8039	.31120	.23316
Stddev	.00113	.0851	.00026	.00098	.0397	.00301	.00015
%RSD	.54134	4.1979	.05343	1.3184	1.4167	.96788	.06447

#1	.20966	1.9358	.49117	.07529	2.7604	.31389	.23302
#2	.20985	2.1039	.49076	.07346	2.8384	.31176	.23332
#3	.20780	2.0430	.49068	.07377	2.8127	.30794	.23313

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8170	.38351	.29354	F -.01352	.94224	.65094	.19396
Stddev	.0739	.00091	.01862	.00131	.00812	.00171	.00334
%RSD	.75249	.23691	6.3425	9.7181	.86181	.26301	1.7198

#1	9.7939	.38258	.31452	-.01207	.95138	.65195	.19397
#2	9.8997	.38439	.28710	-.01386	.93951	.65190	.19062
#3	9.7575	.38355	.27900	-.01464	.93585	.64896	.19729

Sample Name: PB122331BS Acquired: 8/16/2019 14:29:56 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .10616	5.634	.21097	F 5.2032	F .22125
Stddev	.00069	.012	.00073	.4295	2.5457
%RSD	.64987	.2102	.34463	8.2547	1150.6
#1	.10637	5.638	.21019	4.7073	-1.4626
#2	.10671	5.644	.21106	5.4486	-1.0235
#3	.10539	5.621	.21164	5.4538	3.1498
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.4	23026.	2396.6	29.833	2234.4
Stddev	4.3	89.	10.2	.235	5.2
%RSD	.20397	.38479	.42733	.78795	.23152
#1	2132.4	23034.	2385.2	30.095	2240.0
#2	2125.3	22934.	2399.5	29.640	2233.3
#3	2124.5	23111.	2405.0	29.765	2229.8

Sample Name: PB122331TB Acquired: 8/16/2019 14:34:04 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	-.00228	-.00276	-.00022	-.00134	.00789	.00082	-.00015
Stddev	.00317	.00070	.00092	.00328	.00155	.02202	.00064	.00003
%RSD	73.832	30.669	33.418	1485.9	115.43	278.95	78.953	22.983
#1	.00065	-.00159	-.00294	.00349	-.00288	.00931	.00028	-.00011
#2	.00639	-.00298	-.00176	-.00142	.00022	-.01480	.00153	-.00018
#3	.00586	-.00227	-.00359	-.00273	-.00136	.02917	.00064	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.06691	-.00037	-.00026	.00072	.00202	-.00010	-.09715
Stddev	.00004	.01001	.00040	.00016	.00033	.00079	.00005	.06476
%RSD	60.722	14.954	107.06	59.350	45.488	39.089	48.862	66.665
#1	-.00005	.07207	-.00012	-.00016	.00085	.00146	-.00014	-.02824
#2	-.00012	.05538	-.00017	-.00044	.00097	.00167	-.00004	-.15676
#3	-.00004	.07328	-.00083	-.00019	.00035	.00292	-.00012	-.10645
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.00114	F 309.89	-.00040	.00430	-.01709	.00036	.01524
Stddev	.00042	.00071	1.86	.00012	.00016	.09189	.00027	.01030
%RSD	32.201	62.185	.59935	30.193	3.7887	537.56	76.356	67.585
#1	.00171	.00180	307.92	-.00052	.00444	-.12319	.00067	.02139
#2	.00128	.00040	310.13	-.00028	.00434	.03667	.00024	.00335
#3	.00088	.00121	311.62	-.00040	.00412	.03524	.00016	.02100
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00666	.00401	-.00194	-.00036	.00024	.0009	-.00012	7.6626
Stddev	.00410	.00119	.00126	.00239	.00045	.0023	.00010	.4588
%RSD	61.513	29.613	65.093	661.36	183.66	243.4	82.812	5.9876
#1	-.01134	.00514	-.00339	.00090	-.00013	-.0015	-.00001	8.1839
#2	-.00371	.00411	-.00132	.00113	.00012	.0030	-.00013	7.4839
#3	-.00493	.00277	-.00110	-.00312	.00074	.0014	-.00021	7.3200

Sample Name: PB122331TB Acquired: 8/16/2019 14:34:04 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 5.7570
%RSD 58.555

#1 -6.0236
#2 -16.454
#3 -7.0170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.1	21890.	2379.5	26.935	1978.7
Stddev	12.0	101.	12.7	.528	10.8
%RSD	.60278	.46013	.53251	1.9609	.54598

#1	1988.1	21780.	2365.9	27.431	1975.3
#2	2011.5	21977.	2391.0	26.379	1990.8
#3	1994.7	21915.	2381.5	26.995	1970.0

Sample Name: K4367-01 Acquired: 8/16/2019 14:38:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00098	-.00302	-.00002	-.00029	.05700	.00107
Stddev	.00292	.00133	.00097	.00121	.00134	.01663	.00094
%RSD	10484.	135.94	32.270	6543.7	461.06	29.183	87.684

#1	.00180	-.00105	-.00318	-.00045	-.00161	.07487	.00136
#2	.00163	.00038	-.00198	-.00096	-.00033	.04197	.00183
#3	-.00334	-.00227	-.00390	.00135	.00107	.05415	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00003	.08405	.00071	-.00016	.00139	.00840
Stddev	.00010	.00005	.02377	.00021	.00018	.00032	.00054
%RSD	299.42	206.32	28.284	29.991	111.78	22.660	6.4665

#1	-.00008	-.00006	.11130	.00055	-.00011	.00132	.00864
#2	.00008	.00003	.07327	.00063	-.00036	.00174	.00778
#3	-.00010	-.00005	.06757	.00095	-.00002	.00112	.00879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.01687	-.00002	.00006	-.19563	-.00030	.03893
Stddev	.00011	.06527	.00011	.00040	.02492	.00031	.00022
%RSD	21.009	386.93	481.45	658.69	12.740	105.41	.57237

#1	.00063	-.05714	-.00014	.00051	-.21010	.00003	.03887
#2	.00043	.06621	.00004	-.00011	-.20994	-.00059	.03875
#3	.00046	.04153	.00004	-.00023	-.16685	-.00033	.03918

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14321	-.00034	-.00183	.00032	.01658	-.00236	-.00092
Stddev	.03354	.00017	.01157	.00339	.00279	.00037	.00163
%RSD	23.421	49.046	630.51	1066.3	16.838	15.501	177.24

#1	-.16416	-.00047	-.01475	-.00278	.01963	-.00268	-.00269
#2	-.10452	-.00015	.00757	.00395	.01597	-.00196	.00051
#3	-.16095	-.00041	.00167	-.00021	.01415	-.00243	-.00058

Sample Name: K4367-01 Acquired: 8/16/2019 14:38:32 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	.0012	.00027	2.3775	F<.00000
Stddev	.00046	.0014	.00012	.6848	3.1945
%RSD	15.115	109.1	44.080	28.806	63.933

#1	-.00339	.0021	.00032	1.8111	-3.0352
#2	-.00320	-.0003	.00013	3.1386	-8.6828
#3	-.00252	.0020	.00035	2.1827	-3.2719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.1	22755.	2395.7	26.758	2206.8
Stddev	3.1	82.	11.9	.917	5.3
%RSD	.14888	.35995	.49691	3.4263	.23951

#1	2108.7	22766.	2393.8	27.265	2211.0
#2	2103.8	22830.	2408.5	25.700	2208.6
#3	2102.9	22668.	2384.9	27.310	2200.9

Sample Name: K4367-01DUP Acquired: 8/16/2019 14:43:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	-.00105	-.00306	.00075	.00207	.05891	.00088
Stddev	.00418	.00090	.00121	.00197	.00109	.00721	.00055
%RSD	90.990	85.240	39.580	262.09	52.518	12.242	62.584

#1	.00937	-.00112	-.00204	-.00104	.00245	.05186	.00025
#2	.00163	-.00012	-.00273	.00285	.00085	.06628	.00116
#3	.00277	-.00191	-.00440	.00044	.00292	.05858	.00124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00007	.10090	.00015	-.00040	.00125	.00830
Stddev	.00008	.00006	.00766	.00011	.00031	.00031	.00071
%RSD	168.41	85.496	7.5965	72.560	77.582	24.994	8.5656

#1	-.00012	.00013	.10585	.00006	-.00055	.00101	.00906
#2	.00003	.00001	.09207	.00027	-.00004	.00161	.00818
#3	-.00005	.00007	.10479	.00012	-.00061	.00114	.00766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.02184	.00083	-.00065	-.18127	-.00043	.03916
Stddev	.00003	.06746	.00025	.00064	.01253	.00101	.00014
%RSD	6.5199	308.92	30.266	99.094	6.9117	236.13	.35193

#1	.00046	-.06962	.00106	-.00128	-.17722	-.00138	.03910
#2	.00048	-.05122	.00086	.00001	-.19532	-.00056	.03905
#3	.00042	.05533	.00056	-.00067	-.17126	.00064	.03931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12405	-.00021	.01437	-.00053	.01700	-.00271	.00031
Stddev	.03196	.00009	.02396	.00283	.00215	.00025	.00106
%RSD	25.763	40.766	166.68	532.10	12.616	9.2615	346.46

#1	-.08716	-.00011	-.00303	-.00380	.01737	-.00243	-.00064
#2	-.14333	-.00025	.04169	.00096	.01470	-.00278	.00011
#3	-.14166	-.00028	.00446	.00124	.01894	-.00291	.00145

Sample Name: K4367-01DUP Acquired: 8/16/2019 14:43:00 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	.0007	.00033	3.2048	F<.00000
Stddev	.00126	.0030	.00011	.8164	5.7553
%RSD	52.047	406.2	32.529	25.475	324.85
#1	-.00374	.0042	.00035	2.4283	-5.4455
#2	-.00232	-.0010	.00043	3.1300	-4.7306
#3	-.00122	-.0009	.00022	4.0560	4.8611
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.4	22415.	2378.5	27.110	2198.4
Stddev	2.6	23.	10.2	.253	3.8
%RSD	.12629	.10182	.42933	.93299	.17278
#1	2098.0	22441.	2384.7	26.935	2202.6
#2	2095.7	22404.	2366.7	26.995	2197.4
#3	2092.7	22400.	2384.0	27.400	2195.2

Sample Name: CCV03 Acquired: 8/16/2019 14:47:28 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0625	5.0085	5.0197	5.1083	5.0723	10.062	10.191	.25484
Stddev	.0219	.0117	.0175	.0259	.0227	.098	.077	.00052
%RSD	.43235	.23402	.34760	.50784	.44693	.97662	.75126	.20209
#1	5.0839	4.9965	5.0056	5.1353	5.0793	9.9733	10.103	.25515
#2	5.0401	5.0091	5.0142	5.1060	5.0470	10.046	10.221	.25424
#3	5.0636	5.0199	5.0392	5.0836	5.0907	10.168	10.247	.25512
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5024	25.675	1.0095	2.4974	1.2704	5.1617	2.5169	25.400
Stddev	.0037	.100	.0015	.0047	.0037	.0051	.0056	.237
%RSD	.14990	.38773	.14898	.18712	.28876	.09874	.22134	.93342
#1	2.5001	25.560	1.0101	2.4945	1.2734	5.1564	2.5227	25.150
#2	2.5068	25.732	1.0078	2.5028	1.2663	5.1620	2.5116	25.429
#3	2.5004	25.733	1.0106	2.4950	1.2716	5.1666	2.5164	25.621
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4916	1.2619	25.317	2.5496	2.4913	24.933	5.0231	4.9088
Stddev	.0039	.0007	.199	.0057	.0032	.102	.0155	.0262
%RSD	.15570	.05222	.78674	.22282	.12841	.40939	.30803	.53269
#1	2.4923	1.2626	25.087	2.5555	2.4899	24.816	5.0276	4.8798
#2	2.4951	1.2612	25.416	2.5441	2.4949	24.999	5.0059	4.9161
#3	2.4875	1.2619	25.447	2.5492	2.4890	24.985	5.0359	4.9306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9408	4.9547	4.9704	5.0689	F 4.4596	5.098	5.1423	F 7.7921
Stddev	.0061	.0246	.0118	.0208	.0136	.007	.0147	.3752
%RSD	.12385	.49622	.23788	.41074	.30516	.1310	.28548	4.8149
#1	4.9411	4.9800	4.9712	5.0519	4.4677	5.100	5.1256	7.3849
#2	4.9346	4.9531	4.9818	5.0921	4.4672	5.103	5.1533	7.8677
#3	4.9468	4.9309	4.9582	5.0627	4.4439	5.090	5.1481	8.1237

Sample Name: CCV03 Acquired: 8/16/2019 14:47:28 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8883
Stddev	2.7220
%RSD	144.15

#1	-1.0492
#2	2.3889
#3	4.3252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.0	21781.	2337.3	26.229	1945.1
Stddev	4.8	35.	9.9	.481	4.6
%RSD	.24286	.15916	.42209	1.8328	.23813

#1	1995.4	21776.	2326.2	25.730	1949.6
#2	2001.1	21818.	2340.9	26.689	1940.3
#3	1991.4	21749.	2344.9	26.267	1945.3

Sample Name: CCB03 Acquired: 8/16/2019 14:51:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00046	-.00028	-.00033	.00056	.01950	.00116
Stddev	.00679	.00137	.00115	.00137	.00244	.00080	.00048
%RSD	1219.7	295.79	409.52	413.11	432.29	4.1291	41.131

#1	.00516	.00045	-.00055	-.00023	.00005	.01935	.00097
#2	-.00724	-.00205	.00098	.00098	-.00158	.02036	.00171
#3	.00375	.00021	-.00127	-.00175	.00322	.01877	.00081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00001	.03995	-.00051	-.00002	-.00010	-.00038
Stddev	.00003	.00008	.01059	.00026	.00004	.00039	.00093
%RSD	24.653	796.37	26.511	50.152	198.85	390.04	243.97

#1	-.00014	.00006	.04844	-.00072	-.00003	.00006	-.00089
#2	-.00009	-.00010	.02808	-.00022	-.00006	-.00054	.00069
#3	-.00013	.00001	.04331	-.00059	.00002	.00018	-.00094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.07660	-.00061	.00008	-.11275	.00013	-.00067
Stddev	.00011	.03481	.00043	.00075	.01706	.00040	.00012
%RSD	132.93	45.436	69.338	965.52	15.128	309.35	17.074

#1	-.00004	-.09532	-.00015	-.00025	-.13059	-.00006	-.00055
#2	.00000	-.09805	-.00072	-.00045	-.11108	.00059	-.00069
#3	-.00021	-.03644	-.00098	.00093	-.09660	-.00014	-.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10542	.00132	-.00170	F -.01333	.00284	-.00234	-.00181
Stddev	.06491	.00037	.01169	.00150	.00364	.00011	.00140
%RSD	61.568	28.032	689.21	11.257	128.27	4.5814	77.150

#1	-.16045	.00171	-.01068	-.01493	.00106	-.00223	-.00226
#2	-.12197	.00127	-.00594	-.01311	.00043	-.00244	-.00024
#3	-.03384	.00097	.01152	-.01195	.00702	-.00234	-.00293

Sample Name: CCB03 Acquired: 8/16/2019 14:51:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.0014	-.00009	F 5.2976	F<.00000
Stddev	.00083	.0018	.00006	.1565	1.1464
%RSD	1474.4	128.0	69.034	2.9547	25.530

#1	-.00090	-.0001	-.00002	5.4777	-4.9244
#2	.00055	.0010	-.00011	5.1947	-3.1904
#3	.00052	.0034	-.00013	5.2204	-5.3564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.0	22078.	2351.1	27.093	2135.1
Stddev	11.9	41.	5.0	.665	12.5
%RSD	.57936	.18422	.21140	2.4542	.58724

#1	2043.8	22057.	2352.0	27.000	2124.1
#2	2042.5	22052.	2355.6	27.800	2132.3
#3	2063.7	22125.	2345.8	26.480	2148.8

Sample Name: K4367-01LX5 Acquired: 8/16/2019 14:55:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	-.00241	-.00271	-.00174	.00034	.01829	.00137
Stddev	.00292	.00184	.00157	.00218	.00151	.00552	.00050
%RSD	51.706	76.513	57.956	125.37	447.96	30.184	36.623

#1	.00230	-.00170	-.00092	-.00209	-.00015	.02393	.00122
#2	.00697	-.00103	-.00386	-.00372	-.00087	.01803	.00096
#3	.00766	-.00450	-.00334	.00059	.00204	.01290	.00193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00004	.02301	-.00049	-.00010	.00014	.00207
Stddev	.00005	.00009	.02265	.00015	.00026	.00047	.00116
%RSD	37.255	216.32	98.414	30.138	249.55	333.04	56.273

#1	-.00021	.00013	.04679	-.00049	-.00010	-.00024	.00164
#2	-.00011	-.00006	.02053	-.00034	-.00036	-.00001	.00118
#3	-.00012	.00006	.00171	-.00064	.00015	.00067	.00339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.05686	-.00040	-.00055	-.18406	-.00045	.00705
Stddev	.00002	.02381	.00041	.00036	.00597	.00086	.00003
%RSD	110.94	41.880	101.04	65.517	3.2454	193.51	.47879

#1	-.00001	-.08245	-.00033	-.00014	-.18619	-.00144	.00709
#2	-.00000	-.05280	-.00084	-.00083	-.17731	.00009	.00704
#3	-.00005	-.03534	-.00004	-.00068	-.18868	.00002	.00703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08370	-.00017	.00689	-.00932	.00525	-.00301	.00071
Stddev	.04261	.00050	.00906	.00171	.00151	.00097	.00205
%RSD	50.911	289.81	131.60	18.331	28.829	32.204	289.37

#1	-.04049	-.00004	-.00315	-.00925	.00629	-.00232	-.00024
#2	-.08492	-.00073	.00935	-.01107	.00351	-.00411	-.00069
#3	-.12569	.00025	.01447	-.00765	.00593	-.00258	.00307

Sample Name: K4367-01LX5 Acquired: 8/16/2019 14:55:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.0009	.00005	5.3161	F<.00000
Stddev	.00016	.0009	.00007	.3748	1.9603
%RSD	32.095	95.97	145.06	7.0505	31.566

#1	.00053	-.0003	-.00001	5.7309	-3.9704
#2	.00065	-.0006	.00003	5.2155	-7.6140
#3	.00033	-.0020	.00012	5.0018	-7.0456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.2	22218.	2347.7	27.712	2143.6
Stddev	4.5	56.	19.2	1.431	8.5
%RSD	.21671	.25320	.81934	5.1630	.39559

#1	2064.0	22232.	2325.8	26.255	2145.5
#2	2056.1	22156.	2355.5	29.115	2134.4
#3	2063.7	22266.	2361.9	27.765	2151.1

Sample Name: K4367-01MS Acquired: 8/16/2019 15:00:25 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80392	1.9970	1.0017	2.0548	.83283	2.1178	.21008	.21035
Stddev	.00352	.0051	.0018	.0070	.00113	.0397	.00183	.00020
%RSD	.43769	.25750	.18256	.33854	.13509	1.8750	.87111	.09553
#1	.80786	1.9986	1.0005	2.0479	.83228	2.0744	.20903	.21056
#2	.80282	1.9912	1.0008	2.0618	.83412	2.1267	.20902	.21016
#3	.80109	2.0011	1.0038	2.0545	.83208	2.1524	.21220	.21035
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19701	1.3228	.43354	.20158	.33645	3.3531	.21725	2.1503
Stddev	.00015	.0117	.00153	.00051	.00109	.0110	.00053	.0393
%RSD	.07795	.88484	.35345	.25492	.32402	.32664	.24618	1.8280
#1	.19719	1.3097	.43490	.20102	.33533	3.3579	.21678	2.1114
#2	.19693	1.3263	.43188	.20204	.33751	3.3406	.21783	2.1494
#3	.19692	1.3323	.43383	.20169	.33651	3.3608	.21713	2.1900
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50513	.07555	2.9044	.32174	.32213	10.123	.39680	.30040
Stddev	.00109	.00150	.0307	.00103	.00041	.071	.00086	.01456
%RSD	.21528	1.9876	1.0554	.31919	.12653	.70606	.21631	4.8475
#1	.50594	.07729	2.8946	.32055	.32187	10.118	.39601	.29896
#2	.50556	.07474	2.8799	.32233	.32191	10.197	.39771	.28661
#3	.50390	.07464	2.9388	.32234	.32260	10.054	.39666	.31562
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	.97577	.67167	.20149	.11195	5.726	.21915	5.4512
Stddev	.00721	.01383	.00288	.00293	.00040	.009	.00228	1.0625
%RSD	196.63	1.4173	.42831	1.4558	.35513	.1552	1.0384	19.491
#1	-.00424	.96118	.66963	.20119	.11150	5.719	.21653	5.3312
#2	.00381	.98869	.67496	.19872	.11224	5.723	.22067	4.4538
#3	-.01057	.97743	.67043	.20457	.11211	5.736	.22024	6.5685

Sample Name: K4367-01MS Acquired: 8/16/2019 15:00:25 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6596
Stddev	3.4963
%RSD	95.537

#1	5.8853
#2	5.4638
#3	-.37021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.1	22707.	2357.9	26.933	2208.9
Stddev	6.1	99.	11.0	1.488	1.1
%RSD	.28765	.43580	.46627	5.5249	.05150

#1	2115.2	22702.	2370.6	26.320	2208.9
#2	2103.0	22809.	2351.9	28.630	2210.0
#3	2109.2	22611.	2351.2	25.850	2207.7

Sample Name: K4367-01MSD Acquired: 8/16/2019 15:04:34 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82537	2.0299	1.0243	2.1118	.84876	2.1234	.21327	.21400
Stddev	.00554	.0082	.0004	.0010	.00369	.0208	.00083	.00050
%RSD	.67175	.40314	.04193	.04696	.43483	.98090	.38887	.23277

#1	.82959	2.0244	1.0245	2.1123	.84567	2.1100	.21233	.21426
#2	.81909	2.0393	1.0246	2.1126	.84777	2.1474	.21388	.21342
#3	.82743	2.0260	1.0238	2.1107	.85285	2.1128	.21360	.21431

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20085	1.2581	.43905	.20490	.34377	3.3935	.21978	2.2838
Stddev	.00039	.0157	.00061	.00055	.00086	.0032	.00050	.0552
%RSD	.19325	1.2463	.13892	.26621	.24999	.09475	.22941	2.4181

#1	.20065	1.2522	.43835	.20435	.34375	3.3967	.22015	2.2497
#2	.20060	1.2759	.43935	.20544	.34465	3.3903	.21920	2.2541
#3	.20130	1.2462	.43946	.20490	.34293	3.3936	.21997	2.3475

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51287	.07689	2.9821	.32791	.28020	10.223	.40193	.30068
Stddev	.00048	.00065	.0132	.00171	.00068	.006	.00082	.00609
%RSD	.09340	.85100	.44295	.52182	.24112	.05513	.20375	2.0251

#1	.51342	.07674	2.9786	.32690	.28063	10.223	.40149	.29366
#2	.51255	.07761	2.9967	.32989	.28055	10.229	.40142	.30380
#3	.51263	.07633	2.9710	.32694	.27943	10.218	.40287	.30457

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	.99100	.68426	.20228	.11151	5.848	.22182	5.6906
Stddev	.00344	.01236	.00349	.00244	.00126	.011	.00109	.3935
%RSD	86.479	1.2468	.51023	1.2059	1.1334	.1865	.48972	6.9148

#1	-.00790	.97891	.68026	.19950	.11270	5.835	.22066	6.0924
#2	-.00149	.99047	.68584	.20330	.11018	5.855	.22199	5.3060
#3	-.00254	1.0036	.68669	.20405	.11164	5.853	.22282	5.6734

Sample Name: K4367-01MSD Acquired: 8/16/2019 15:04:34 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7133
 Stddev .4525
 %RSD 16.677

#1 3.0122
 #2 2.9351
 #3 2.1927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.0	22648.	2351.5	28.387	2195.8
Stddev	3.2	78.	7.3	1.133	6.6
%RSD	.15472	.34657	.30849	3.9907	.29885

#1	2097.5	22557.	2345.5	29.535	2199.6
#2	2091.4	22687.	2359.6	27.270	2188.2
#3	2096.3	22699.	2349.4	28.355	2199.5

Sample Name: K4367-01A Acquired: 8/16/2019 15:08:42 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82191	2.0219	1.0103	2.0976	.84284	2.1575	.21393	.21341
Stddev	.00130	.0065	.0012	.0115	.00254	.0173	.00088	.00025
%RSD	.15821	.32236	.11620	.54715	.30112	.80390	.41289	.11759
#1	.82206	2.0161	1.0116	2.0989	.84198	2.1416	.21298	.21314
#2	.82054	2.0290	1.0098	2.1084	.84569	2.1549	.21473	.21363
#3	.82313	2.0207	1.0094	2.0855	.84084	2.1760	.21408	.21347
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20002	1.3051	.43982	.20351	.33997	3.3909	.22003	2.2997
Stddev	.00047	.0211	.00067	.00040	.00014	.0073	.00069	.0647
%RSD	.23622	1.6206	.15192	.19670	.04234	.21542	.31501	2.8153
#1	.19948	1.2981	.44039	.20308	.34010	3.3967	.22083	2.3686
#2	.20022	1.2883	.44000	.20388	.33981	3.3932	.21961	2.2904
#3	.20035	1.3289	.43908	.20355	.34000	3.3827	.21965	2.2402
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51282	.07611	3.0492	.32371	.28850	10.274	.40003	.29660
Stddev	.00054	.00033	.0256	.00149	.00061	.049	.00100	.01646
%RSD	.10494	.42750	.83865	.45982	.21137	.47300	.24880	5.5496
#1	.51224	.07628	3.0218	.32427	.28780	10.219	.40118	.28204
#2	.51331	.07630	3.0724	.32483	.28873	10.290	.39953	.29329
#3	.51291	.07573	3.0533	.32202	.28896	10.312	.39938	.31446
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00429	.98973	.68135	.20184	.11174	5.851	.22245	5.3275
Stddev	.00381	.00703	.00057	.00425	.00087	.011	.00066	.5184
%RSD	88.979	.71020	.08417	2.1051	.77661	.1856	.29452	9.7300
#1	-.00811	.98544	.68174	.20142	.11088	5.845	.22196	4.9475
#2	-.00048	.99784	.68161	.19781	.11262	5.863	.22319	5.1169
#3	-.00427	.98590	.68069	.20628	.11173	5.844	.22220	5.9180

Sample Name: K4367-01A Acquired: 8/16/2019 15:08:42 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .70666
Stddev .88420
%RSD 125.13

#1 -.28229
#2 1.4209
#3 .98134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.1	22507.	2343.5	27.862	2196.3
Stddev	1.9	41.	5.9	.281	7.9
%RSD	.09200	.18334	.25098	1.0073	.36121

#1	2103.3	22474.	2340.3	27.650	2205.4
#2	2099.6	22493.	2339.9	27.755	2192.7
#3	2100.5	22553.	2350.3	28.180	2190.8

Sample Name: K3616-01 Acquired: 8/16/2019 15:18:04 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02588	-.00652	1.6775	.01499	.00518	85.876	.87171	.00588
Stddev	.00391	.00078	.0213	.00488	.00269	.433	.00614	.00015
%RSD	15.099	11.959	1.2695	32.570	51.888	.50433	.70454	2.5474
#1	.02988	-.00578	1.6561	.01673	.00388	85.485	.86584	.00584
#2	.02207	-.00646	1.6777	.01876	.00826	85.801	.87121	.00575
#3	.02568	-.00733	1.6987	.00947	.00338	86.341	.87809	.00604
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	56.783	.17399	.09732	.57919	178.73	3.4983	38.206
Stddev	.00007	.261	.00069	.00048	.00075	.79	.0026	.511
%RSD	2.2112	.46009	.39871	.49354	.12976	.44250	.07524	1.3366
#1	.00324	56.573	.17321	.09769	.57864	179.12	3.4959	37.824
#2	.00327	57.076	.17455	.09678	.58005	177.81	3.4979	38.008
#3	.00338	56.700	.17420	.09750	.57889	179.24	3.5011	38.786
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17006	.00512	5.0627	.28841	1.1394	17.765	.00363	.03386
Stddev	.00046	.00015	.0656	.00130	.0008	.179	.00041	.01821
%RSD	.27225	2.9149	1.2954	.44955	.07086	1.0066	11.395	53.786
#1	.17013	.00526	4.9898	.28861	1.1387	17.654	.00375	.01622
#2	.16957	.00513	5.0813	.28959	1.1391	17.669	.00398	.05259
#3	.17049	.00496	5.1169	.28702	1.1403	17.971	.00317	.03275
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0341	2.3014	.05886	4.0554	.07338	5.715	.11267	<.00000
Stddev	.0070	.0293	.00148	.0153	.00093	.015	.00158	.26781
%RSD	.17429	1.2710	2.5102	.37813	1.2705	.2656	1.4061	1.8164
#1	4.0329	2.2787	.05965	4.0399	.07415	5.724	.11119	-14.990
#2	4.0417	2.3344	.05715	4.0706	.07365	5.723	.11434	-14.784
#3	4.0278	2.2912	.05977	4.0558	.07234	5.697	.11248	-14.459

Sample Name: K3616-01 Acquired: 8/16/2019 15:18:04 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 106.75
 Stddev 1.66
 %RSD 1.5564

#1 105.35
 #2 108.59
 #3 106.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.7	25893.	2769.7	24.954	1958.0
Stddev	5.9	54.	16.5	.135	2.7
%RSD	.24778	.20911	.59531	.53991	.13602

#1	2378.4	25913.	2758.8	25.090	1957.2
#2	2386.2	25934.	2761.5	24.950	1960.9
#3	2374.6	25832.	2788.6	24.821	1955.8

Sample Name: K3616-01DUP Acquired: 8/16/2019 15:22:22 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02413	-.00530	1.9139	.01394	.00456	85.442	.86691	.00587
Stddev	.00308	.00147	.0106	.00161	.00194	.471	.00307	.00004
%RSD	12.774	27.807	.55125	11.558	42.438	.55131	.35451	.76605
#1	.02068	-.00362	1.9023	.01420	.00326	85.215	.86569	.00592
#2	.02662	-.00637	1.9229	.01540	.00679	85.127	.86463	.00583
#3	.02509	-.00590	1.9165	.01221	.00364	85.983	.87041	.00586
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	55.439	.17630	.09775	.57933	180.10	3.3767	37.824
Stddev	.00018	.438	.00154	.00042	.00084	.41	.0070	.097
%RSD	7.4931	.79013	.87552	.42474	.14429	.22865	.20653	.25642
#1	.00261	55.026	.17774	.09823	.57977	179.65	3.3804	37.733
#2	.00227	55.393	.17467	.09750	.57984	180.22	3.3687	37.812
#3	.00234	55.898	.17649	.09752	.57836	180.44	3.3811	37.926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16827	.00572	5.0704	.29206	1.1188	17.289	.00280	.03921
Stddev	.00024	.00038	.0268	.00042	.0077	.040	.00026	.00709
%RSD	.14070	6.7075	.52833	.14529	.68810	.23278	9.2306	18.087
#1	.16801	.00542	5.0401	.29254	1.1215	17.255	.00255	.03399
#2	.16848	.00559	5.0907	.29188	1.1101	17.333	.00279	.03636
#3	.16832	.00615	5.0806	.29175	1.1247	17.277	.00306	.04728
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0288	2.1250	.06682	3.9585	.07256	5.548	.10803	<.00000
Stddev	.0047	.0013	.00099	.0219	.00079	.015	.00082	.52251
%RSD	.11782	.06163	1.4857	.55394	1.0827	.2759	.76276	3.5391
#1	4.0343	2.1253	.06617	3.9347	.07170	5.564	.10712	-15.083
#2	4.0258	2.1235	.06796	3.9629	.07325	5.533	.10827	-14.161
#3	4.0263	2.1261	.06633	3.9779	.07272	5.546	.10872	-15.048

Sample Name: K3616-01DUP Acquired: 8/16/2019 15:22:22 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 108.30
Stddev	3.00
%RSD	2.7698

#1	105.49
#2	111.46
#3	107.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.9	25827.	2776.8	25.480	1982.5
Stddev	9.8	9.	8.1	.737	10.2
%RSD	.40902	.03663	.29306	2.8925	.51696

#1	2398.1	25818.	2781.8	26.269	1976.4
#2	2409.2	25837.	2781.2	25.360	1994.4
#3	2389.6	25825.	2767.4	24.810	1976.8

Sample Name: K3616-01LX5 Acquired: 8/16/2019 15:26:40 Type: Unk

Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000

User: Bin Custom ID1: PBW Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00922	-.00056	.36324	.00365	-.00061	20.209	.20703	.00126
Stddev	.00274	.00249	.00263	.00230	.00149	.247	.00390	.00011
%RSD	29.717	444.27	.72287	62.875	243.97	1.2218	1.8852	9.0164

#1	.01217	.00025	.36219	.00557	-.00136	19.925	.20262	.00117
#2	.00871	-.00336	.36129	.00111	-.00157	20.371	.21003	.00121
#3	.00677	.00143	.36622	.00428	.00110	20.332	.20844	.00139

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	13.419	.04134	.01996	.14211	45.537	.82518	9.0420
Stddev	.00004	.092	.00013	.00016	.00114	.072	.00347	.1802
%RSD	7.8823	.68237	.30737	.81531	.80524	.15709	.41997	1.9924

#1	-.00047	13.322	.04140	.02013	.14192	45.511	.82604	8.8341
#2	-.00049	13.433	.04119	.01994	.14107	45.483	.82137	9.1398
#3	-.00042	13.503	.04143	.01981	.14334	45.618	.82814	9.1521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03363	.00149	1.0504	.06909	.22780	3.9467	.00029	.01156
Stddev	.00065	.00088	.0244	.00031	.00015	.0555	.00039	.01675
%RSD	1.9415	58.854	2.3246	.44318	.06686	1.4053	136.18	144.85

#1	.03354	.00109	1.0222	.06879	.22776	3.8978	.00044	-.00735
#2	.03303	.00249	1.0651	.06909	.22768	3.9354	.00058	.01754
#3	.03432	.00088	1.0640	.06940	.22797	4.0070	-.00016	.02450

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80158	.53716	.01107	.93841	.01744	1.138	.02255	2.9062
Stddev	.01375	.02341	.00161	.00852	.00051	.001	.00048	1.3116
%RSD	1.7154	4.3573	14.575	.90843	2.9082	.0835	2.1341	45.133

#1	.80750	.55435	.01235	.92879	.01702	1.138	.02207	3.3960
#2	.78586	.51051	.01160	.94138	.01730	1.139	.02303	3.9025
#3	.81138	.54664	.00926	.94505	.01801	1.137	.02256	1.4201

Sample Name: K3616-01LX5 Acquired: 8/16/2019 15:26:40 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.456
Stddev 6.208
%RSD 40.164

#1 18.203
#2 19.816
#3 8.3486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.3	22761.	2428.5	27.380	2063.2
Stddev	5.5	59.	26.6	.737	8.1
%RSD	.26092	.26029	1.0967	2.6906	.39113

#1	2112.7	22701.	2399.0	26.570	2072.1
#2	2107.4	22820.	2450.8	27.560	2061.3
#3	2101.7	22761.	2435.6	28.010	2056.3

Sample Name: K3616-01MS Acquired: 8/16/2019 15:31:01 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66233	1.9620	1.9092	1.5862	.16918	99.472	1.0519	.17696
Stddev	.00150	.0036	.0055	.0025	.00148	.576	.0068	.00023
%RSD	.22710	.18215	.28883	.15725	.87363	.57869	.64556	.13259
#1	.66132	1.9652	1.9154	1.5884	.16977	98.834	1.0455	.17711
#2	.66406	1.9582	1.9074	1.5868	.16749	99.628	1.0512	.17709
#3	.66162	1.9628	1.9048	1.5835	.17027	99.953	1.0590	.17669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20562	64.030	.52089	.30281	1.0663	193.28	3.5141	41.831
Stddev	.00023	.100	.00055	.00023	.0012	.65	.0031	.158
%RSD	.11249	.15558	.10556	.07442	.11481	.33888	.08736	.37760
#1	.20586	64.133	.52028	.30304	1.0651	193.52	3.5142	41.649
#2	.20540	63.934	.52136	.30279	1.0675	192.54	3.5110	41.925
#3	.20561	64.023	.52102	.30259	1.0661	193.78	3.5172	41.920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67710	.06606	7.8895	.57095	1.4725	27.029	.30496	.24820
Stddev	.00067	.00099	.0531	.00399	.0022	.159	.00053	.01123
%RSD	.09911	1.4930	.67348	.69831	.14663	.58820	.17543	4.5235
#1	.67771	.06693	7.8407	.57471	1.4720	26.845	.30497	.24214
#2	.67638	.06626	7.8816	.57137	1.4707	27.124	.30549	.24131
#3	.67721	.06499	7.9461	.56677	1.4749	27.117	.30442	.26116
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4250	2.8941	.70566	4.6460	.17592	F 12.47	.30644	<.00000
Stddev	.0091	.0316	.00312	.0224	.00078	.04	.00152	.45287
%RSD	.20561	1.0907	.44271	.48306	.44389	.3318	.49517	3.2185
#1	4.4217	2.9306	.70366	4.6222	.17676	12.52	.30601	-14.527
#2	4.4180	2.8756	.70926	4.6667	.17577	12.44	.30813	-13.622
#3	4.4353	2.8761	.70405	4.6492	.17522	12.46	.30519	-14.064

Sample Name: K3616-01MS Acquired: 8/16/2019 15:31:01 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 129.84
Stddev 3.81
%RSD 2.9324

#1 125.46
#2 131.73
#3 132.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.8	25955.	2737.0	24.877	1939.7
Stddev	7.7	8.	15.9	1.200	5.8
%RSD	.32188	.02924	.58150	4.8254	.29829

#1	2392.3	25946.	2723.1	23.607	1939.2
#2	2387.7	25957.	2733.5	25.993	1945.6
#3	2377.3	25961.	2754.4	25.030	1934.1

Sample Name: K3616-01MSD Acquired: 8/16/2019 15:35:12 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65806	1.9632	1.8808	1.5884	.16882	98.682	1.0482	.17692
Stddev	.00220	.0049	.0060	.0092	.00299	.116	.0055	.00056
%RSD	.33469	.24782	.31734	.57860	1.7692	.11784	.51968	.31851
#1	.66060	1.9661	1.8840	1.5953	.17227	98.552	1.0456	.17655
#2	.65672	1.9576	1.8739	1.5780	.16718	98.777	1.0544	.17664
#3	.65686	1.9659	1.8844	1.5918	.16702	98.716	1.0445	.17757
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20406	63.822	.52176	.30069	1.0277	193.08	3.5350	41.257
Stddev	.00053	.289	.00228	.00152	.0059	1.33	.0068	.014
%RSD	.25954	.45215	.43707	.50493	.57271	.68940	.19123	.03387
#1	.20465	63.592	.52012	.30058	1.0318	191.70	3.5275	41.252
#2	.20363	64.146	.52437	.29923	1.0210	193.19	3.5370	41.246
#3	.20390	63.727	.52080	.30226	1.0304	194.35	3.5406	41.273
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67677	.06615	7.8547	.56957	1.4488	26.780	.30486	.24859
Stddev	.00191	.00076	.0588	.00252	.0070	.018	.00236	.00668
%RSD	.28217	1.1537	.74819	.44305	.48527	.06821	.77467	2.6868
#1	.67889	.06557	7.9146	.57172	1.4521	26.781	.30663	.24166
#2	.67519	.06702	7.8523	.56679	1.4408	26.797	.30217	.25498
#3	.67622	.06587	7.7972	.57020	1.4537	26.761	.30576	.24915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5792	2.9355	.69972	4.6265	.17510	F 12.53	.30600	<.00000
Stddev	.0349	.0256	.00313	.0046	.00060	.05	.00219	.24888
%RSD	.76250	.87239	.44763	.10031	.34541	.4052	.71717	1.7888
#1	4.6195	2.9486	.70277	4.6304	.17565	12.56	.30490	-13.696
#2	4.5581	2.9519	.69651	4.6278	.17445	12.47	.30853	-14.185
#3	4.5599	2.9060	.69986	4.6214	.17521	12.56	.30457	-13.859

Sample Name: K3616-01MSD Acquired: 8/16/2019 15:35:12 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 133.00
Stddev 3.99
%RSD 3.0036

#1 129.99
#2 137.53
#3 131.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.2	25969.	2737.8	24.663	1937.8
Stddev	12.3	30.	2.3	1.073	8.2
%RSD	.51397	.11398	.08385	4.3490	.42479

#1	2378.8	25941.	2737.1	25.489	1934.2
#2	2402.1	25967.	2735.9	25.050	1947.3
#3	2383.6	26000.	2740.4	23.451	1932.0

Sample Name: K3616-01A Acquired: 8/16/2019 15:39:24 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66239	1.9697	1.8887	1.5946	.16796	98.470	1.0493	.17723
Stddev	.00292	.0059	.0032	.0069	.00068	.966	.0130	.00044
%RSD	.44087	.30136	.17134	.43372	.40784	.98092	1.2396	.25015
#1	.66575	1.9631	1.8912	1.6008	.16874	97.534	1.0358	.17752
#2	.66041	1.9746	1.8898	1.5958	.16767	98.414	1.0503	.17672
#3	.66102	1.9715	1.8850	1.5872	.16746	99.463	1.0617	.17745
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20397	63.484	.52062	.30147	1.0101	192.81	3.5493	40.679
Stddev	.00011	.233	.00127	.00061	.0035	1.55	.0072	.450
%RSD	.05432	.36750	.24408	.20342	.34415	.80645	.20258	1.1066
#1	.20408	63.331	.52134	.30199	1.0135	191.35	3.5523	40.213
#2	.20386	63.369	.52136	.30079	1.0065	192.63	3.5545	40.712
#3	.20395	63.753	.51915	.30162	1.0103	194.44	3.5411	41.112
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67647	.06592	7.8652	.56826	1.4271	26.730	.30680	.23799
Stddev	.00066	.00087	.0689	.00388	.0052	.205	.00036	.01553
%RSD	.09794	1.3188	.87554	.68341	.36589	.76602	.11818	6.5274
#1	.67642	.06516	7.7874	.56456	1.4301	26.498	.30719	.22436
#2	.67584	.06572	7.8898	.57230	1.4210	26.804	.30648	.25490
#3	.67716	.06687	7.9183	.56791	1.4301	26.886	.30671	.23471
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7142	2.9607	.69960	4.5824	.17431	F 12.61	.30463	<.00000
Stddev	.0129	.0610	.00146	.0222	.00023	.01	.00195	.73450
%RSD	.27315	2.0597	.20896	.48543	.13208	.1016	.64051	5.3376
#1	4.7073	3.0255	.69862	4.5828	.17456	12.62	.30685	-14.428
#2	4.7064	2.9523	.70128	4.5600	.17410	12.61	.30316	-13.881
#3	4.7291	2.9044	.69890	4.6045	.17429	12.60	.30389	-12.974

Sample Name: K3616-01A Acquired: 8/16/2019 15:39:24 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 132.33
 Stddev 7.24
 %RSD 5.4731

#1 136.39
 #2 123.97
 #3 136.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.6	25901.	2742.9	25.492	1933.9
Stddev	11.2	42.	23.0	1.351	8.1
%RSD	.47100	.16319	.83710	5.2976	.41940

#1	2368.6	25925.	2716.4	24.705	1930.0
#2	2390.1	25925.	2755.1	24.720	1943.3
#3	2374.2	25852.	2757.2	27.052	1928.6

Sample Name: CCV04 Acquired: 8/16/2019 15:43:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15365 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0489	5.0296	4.9554	5.1279	5.0653	9.8790	10.104
Stddev	.0146	.0128	.0173	.0027	.0069	.1665	.154
%RSD	.28965	.25402	.34894	.05266	.13576	1.6857	1.5239

#1	5.0438	5.0152	4.9389	5.1304	5.0724	9.6883	9.9297
#2	5.0375	5.0396	4.9539	5.1284	5.0587	9.9532	10.221
#3	5.0654	5.0340	4.9734	5.1250	5.0647	9.9956	10.161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25526	2.5166	25.762	1.0112	2.5103	1.2644	5.1795
Stddev	.00042	.0081	.253	.0027	.0054	.0039	.0131
%RSD	.16498	.32358	.98109	.26839	.21620	.31007	.25209

#1	.25478	2.5076	25.490	1.0088	2.5048	1.2676	5.1716
#2	.25551	2.5185	25.804	1.0108	2.5103	1.2600	5.1946
#3	.25550	2.5236	25.990	1.0142	2.5156	1.2656	5.1723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4915	25.269	2.5192	1.2572	25.129	2.5600	2.4944
Stddev	.0067	.452	.0058	.0037	.427	.0067	.0059
%RSD	.26919	1.7880	.22968	.29549	1.6985	.26233	.23455

#1	2.4843	24.756	2.5126	1.2608	24.660	2.5525	2.4877
#2	2.4927	25.440	2.5213	1.2574	25.495	2.5621	2.4970
#3	2.4975	25.610	2.5235	1.2534	25.232	2.5654	2.4985

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.554	5.0160	4.9309	4.9683	4.9851	5.0113	5.0748
Stddev	.323	.0113	.1174	.0250	.0519	.0201	.0373
%RSD	1.3145	.22530	2.3812	.50218	1.0401	.40091	.73484

#1	24.182	5.0177	4.7961	4.9417	5.0292	4.9882	5.0384
#2	24.760	5.0039	5.0109	4.9720	4.9280	5.0217	5.0732
#3	24.720	5.0264	4.9858	4.9912	4.9982	5.0241	5.1129

Sample Name: CCV04 Acquired: 8/16/2019 15:43:36 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15365 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6509	5.159	5.1129	F 10.124	F<.00000
Stddev	.0171	.012	.0326	.761	.94737
%RSD	.36831	.2352	.63725	7.5209	221.27
#1	4.6327	5.145	5.0769	10.691	-.49603
#2	4.6532	5.169	5.1213	10.423	-1.3398
#3	4.6667	5.163	5.1404	9.2588	.55133
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.9	21781.	2322.7	26.653	1932.8
Stddev	7.3	64.	17.1	.658	1.3
%RSD	.36404	.29201	.73609	2.4682	.06950
#1	1986.7	21839.	2303.5	27.060	1931.3
#2	2000.4	21713.	2336.4	27.005	1933.6
#3	1997.7	21790.	2328.0	25.894	1933.6

Sample Name: CCB04 Acquired: 8/16/2019 15:47:35 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15365 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00069	-.00004	-.00177	-.00103	.00403	.00107
Stddev	.00359	.00154	.00284	.00578	.00030	.02238	.00084
%RSD	179.50	223.90	7596.2	326.40	28.946	554.83	79.261

#1	.00565	-.00028	-.00310	-.00277	-.00137	-.00526	.00201
#2	-.00152	.00061	.00252	-.00698	-.00088	.02956	.00080
#3	.00186	-.00239	.00047	.00444	-.00083	-.01220	.00038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00001	.02434	-.00041	-.00027	.00003	.00096
Stddev	.00003	.00003	.00603	.00041	.00031	.00039	.00138
%RSD	27.551	269.87	24.765	99.227	117.62	1291.6	143.58

#1	-.00010	-.00004	.02279	-.00079	.00004	-.00026	.00067
#2	-.00007	-.00002	.01924	-.00046	-.00025	-.00012	.00247
#3	-.00012	.00002	.03100	.00002	-.00059	.00048	-.00025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.02152	-.00013	-.00081	-.23003	-.00041	-.00087
Stddev	.00010	.05872	.00031	.00052	.01719	.00061	.00005
%RSD	126.46	272.82	242.64	64.045	7.4714	147.68	5.4104

#1	.00004	.06767	-.00045	-.00044	-.22310	-.00103	-.00087
#2	-.00013	-.04457	-.00008	-.00141	-.24960	-.00038	-.00091
#3	-.00014	.04147	.00016	-.00060	-.21739	.00018	-.00082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10015	.00123	-.01901	-.00748	.00337	-.00153	.00013
Stddev	.06450	.00043	.01644	.00104	.00585	.00051	.00257
%RSD	64.400	34.730	86.465	13.956	173.72	33.657	1981.0

#1	-.17443	.00165	-.03095	-.00632	-.00241	-.00197	.00064
#2	-.06779	.00079	-.00026	-.00835	.00323	-.00096	.00241
#3	-.05824	.00125	-.02582	-.00776	.00929	-.00165	-.00266

Sample Name: CCB04 Acquired: 8/16/2019 15:47:35 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15365 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.0010	-.00006	F 5.5179	F<.00000
Stddev	.00214	.0023	.00011	.3756	3.9995
%RSD	156.54	229.5	180.98	6.8068	675.95
#1	-.00011	-.0007	-.00002	5.3800	.85703
#2	.00039	.0001	-.00019	5.2308	2.4815
#3	.00381	.0037	.00002	5.9430	-5.1136
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.3	22068.	2343.7	25.648	2130.9
Stddev	8.5	172.	15.5	1.005	9.2
%RSD	.41120	.77998	.66150	3.9186	.43086
#1	2055.1	21950.	2325.9	25.230	2127.6
#2	2051.9	21988.	2350.7	24.920	2123.9
#3	2067.9	22265.	2354.5	26.795	2141.3

Sample Name: K3616-08 Acquired: 8/16/2019 15:52:03 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02811	-.00397	.82925	.01167	.00285	59.905	.56952	.00434
Stddev	.00264	.00126	.00192	.00025	.00188	.173	.00301	.00022
%RSD	9.4044	31.825	.23148	2.1211	65.920	.28944	.52838	5.0374
#1	.03116	-.00540	.83147	.01194	.00489	59.706	.57074	.00409
#2	.02665	-.00355	.82807	.01146	.00120	60.025	.57172	.00451
#3	.02652	-.00298	.82822	.01162	.00245	59.982	.56609	.00440
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	91.677	.14453	.06158	.51339	124.41	2.9429	42.841
Stddev	.00015	.220	.00121	.00046	.00184	.34	.0093	.249
%RSD	8.5975	.23994	.83384	.74471	.35773	.27651	.31635	.58196
#1	.00188	91.622	.14358	.06156	.51232	124.13	2.9485	42.557
#2	.00164	91.490	.14589	.06205	.51551	124.32	2.9480	42.945
#3	.00162	91.920	.14414	.06113	.51235	124.79	2.9321	43.022
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14699	.00395	2.1588	.22423	.67858	9.7936	.00472	.02403
Stddev	.00042	.00058	.0200	.00126	.00272	.0896	.00018	.01900
%RSD	.28786	14.588	.92846	.56373	.40118	.91481	3.8484	79.076
#1	.14664	.00353	2.1404	.22324	.68169	9.6914	.00470	.00427
#2	.14687	.00372	2.1802	.22566	.67742	9.8586	.00455	.02566
#3	.14746	.00461	2.1558	.22380	.67663	9.8308	.00491	.04217
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8854	3.8657	.02008	2.6676	.05074	4.660	.19616	<.00000
Stddev	.0008	.0320	.00148	.0086	.00161	.009	.00133	.97996
%RSD	.02734	.82745	7.3938	.32118	3.1668	.2002	.67842	6.0752
#1	2.8845	3.8897	.02015	2.6671	.05168	4.661	.19604	-16.086
#2	2.8855	3.8294	.01856	2.6593	.05166	4.651	.19755	-17.132
#3	2.8861	3.8781	.02152	2.6765	.04889	4.669	.19490	-15.174

Sample Name: K3616-08 Acquired: 8/16/2019 15:52:03 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 79.776
 Stddev 4.618
 %RSD 5.7883

#1 82.865
 #2 74.468
 #3 81.997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.0	26463.	2833.5	26.905	1984.7
Stddev	5.7	132.	7.7	1.272	3.0
%RSD	.23143	.49721	.27109	4.7292	.15355

#1	2443.6	26396.	2824.6	28.282	1981.7
#2	2440.2	26378.	2838.4	26.659	1984.5
#3	2451.2	26614.	2837.4	25.773	1987.8

Sample Name: K3616-15 Acquired: 8/16/2019 15:56:26 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03594	-.00431	7.5058	.01414	.07217	106.96	1.3672	.00939
Stddev	.00086	.00179	.0065	.00168	.00215	.54	.0093	.00016
%RSD	2.3806	41.565	.08621	11.904	2.9777	.50482	.68154	1.7499
#1	.03495	-.00604	7.5011	.01349	.07436	106.42	1.3567	.00922
#2	.03649	-.00246	7.5031	.01605	.07006	106.95	1.3707	.00941
#3	.03637	-.00443	7.5132	.01287	.07207	107.50	1.3743	.00955
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01169	93.025	.39557	.13153	.80398	261.91	5.5466	58.011
Stddev	.00013	.290	.00196	.00037	.00056	.88	.0067	.449
%RSD	1.1125	.31159	.49434	.28206	.07027	.33713	.12170	.77313
#1	.01160	92.717	.39644	.13191	.80436	261.63	5.5411	57.576
#2	.01184	93.292	.39333	.13150	.80333	261.20	5.5541	57.985
#3	.01162	93.065	.39694	.13117	.80425	262.90	5.5447	58.472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33603	.00530	6.9915	.33868	2.3978	15.552	.01574	-.00658
Stddev	.00112	.00110	.0294	.00052	.0022	.031	.00018	.01520
%RSD	.33479	20.654	.42106	.15462	.09328	.19782	1.1366	230.88
#1	.33634	.00415	6.9609	.33922	2.3993	15.519	.01560	-.00813
#2	.33478	.00633	7.0196	.33866	2.3988	15.581	.01568	.00933
#3	.33697	.00543	6.9940	.33817	2.3952	15.555	.01594	-.02094
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6702	2.4434	1.4569	2.9576	.08881	7.541	.15134	<.00000
Stddev	.0092	.0049	.0063	.0066	.00115	.009	.00192	.25799
%RSD	.10667	.20106	.43189	.22380	1.2930	.1138	1.2695	.95650
#1	8.6801	2.4454	1.4500	2.9587	.08788	7.543	.15029	-27.225
#2	8.6618	2.4470	1.4624	2.9505	.08846	7.548	.15356	-26.981
#3	8.6686	2.4378	1.4582	2.9636	.09009	7.532	.15017	-26.710

Sample Name: K3616-15 Acquired: 8/16/2019 15:56:26 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 211.58
Stddev	1.84
%RSD	.86812

#1	209.77
#2	213.44
#3	211.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.9	27881.	3001.9	25.289	1899.3
Stddev	.9	40.	15.4	.338	2.3
%RSD	.03387	.14312	.51387	1.3363	.11867

#1	2553.1	27835.	2985.6	25.593	1901.7
#2	2554.8	27909.	3003.6	24.925	1898.8
#3	2553.9	27898.	3016.4	25.350	1897.3

Sample Name: K4090-09 Acquired: 8/16/2019 16:00:42 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01590	-.00852	.34451	.01076	.00787	157.00	.79211	.00750
Stddev	.00360	.00228	.00424	.00176	.00266	1.46	.00589	.00010
%RSD	22.659	26.747	1.2297	16.338	33.817	.93225	.74356	1.3323
#1	.01236	-.00648	.34343	.00889	.00866	155.32	.78542	.00751
#2	.01577	-.00809	.34918	.01238	.00490	157.68	.79439	.00740
#3	.01956	-.01098	.34092	.01102	.01004	158.00	.79652	.00760
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	134.61	.20471	.13834	.52389	228.66	4.7108	101.87
Stddev	.00009	.95	.00134	.00063	.00169	1.03	.0210	.70
%RSD	1.6369	.70577	.65620	.45334	.32339	.45066	.44633	.68793
#1	.00517	134.43	.20624	.13767	.52194	229.77	4.7133	101.15
#2	.00529	133.76	.20414	.13843	.52470	228.47	4.7305	102.55
#3	.00533	135.63	.20374	.13892	.52503	227.73	4.6887	101.91
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24242	.00330	7.3837	.48381	.72376	14.913	.00009	.06987
Stddev	.00183	.00018	.0398	.00274	.00487	.152	.00036	.00770
%RSD	.75316	5.3285	.53974	.56735	.67261	1.0194	409.10	11.020
#1	.24085	.00328	7.3386	.48578	.72549	14.739	.00048	.06775
#2	.24198	.00313	7.3987	.48067	.72752	14.975	.00002	.06346
#3	.24442	.00348	7.4139	.48497	.71826	15.024	-.00023	.07841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7459	3.5353	.01390	3.8736	.10710	9.082	.06866	<.00000
Stddev	.0061	.0582	.00070	.0263	.00029	.008	.00156	.48130
%RSD	.16183	1.6469	5.0184	.68007	.27102	.0922	2.2667	2.1086
#1	3.7513	3.5346	.01459	3.8673	.10691	9.080	.06779	-22.930
#2	3.7393	3.4775	.01391	3.8511	.10744	9.091	.06774	-23.246
#3	3.7470	3.5939	.01320	3.9026	.10696	9.075	.07046	-22.300

Sample Name: K4090-09 Acquired: 8/16/2019 16:00:42 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: OR-02-081519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 181.73
Stddev	5.76
%RSD	3.1701

#1	177.22
#2	179.74
#3	188.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.7	27299.	2975.3	25.080	1851.9
Stddev	17.3	103.	25.8	.307	10.7
%RSD	.69398	.37881	.86616	1.2244	.57893

#1	2493.7	27231.	2946.5	24.810	1847.2
#2	2486.2	27249.	2996.2	25.414	1844.4
#3	2519.3	27418.	2983.3	25.015	1864.2

Sample Name: K4365-01 Acquired: 8/16/2019 16:05:09 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0600-COMP-BH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03167	-.00463	.03657	.00927	.00372	43.436	.12143	.00176
Stddev	.00446	.00160	.00023	.00265	.00200	.085	.00043	.00014
%RSD	14.099	34.580	.62731	28.599	53.875	.19495	.35714	8.1720
#1	.02920	-.00494	.03661	.00694	.00496	43.338	.12193	.00178
#2	.02898	-.00606	.03678	.00871	.00141	43.474	.12122	.00189
#3	.03682	-.00290	.03633	.01216	.00478	43.494	.12114	.00161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	16.531	.18396	.02884	.11740	73.307	.73521	25.693
Stddev	.00012	.369	.00167	.00050	.00060	.240	.00166	.128
%RSD	15.708	2.2294	.90605	1.7464	.51507	.32704	.22543	.49641
#1	-.00062	16.415	.18204	.02942	.11801	73.469	.73712	25.554
#2	-.00085	16.944	.18502	.02857	.11740	73.421	.73429	25.722
#3	-.00075	16.235	.18482	.02854	.11680	73.032	.73421	25.804
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09594	.00224	46.419	.14133	.25190	11.347	.02148	.08057
Stddev	.00036	.00065	.083	.00125	.00022	.084	.00043	.01091
%RSD	.37322	28.790	.17979	.88699	.08893	.74216	1.9911	13.535
#1	.09554	.00236	46.449	.14089	.25167	11.284	.02132	.09089
#2	.09605	.00154	46.324	.14275	.25189	11.443	.02196	.08166
#3	.09623	.00282	46.483	.14037	.25212	11.315	.02115	.06917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.405	2.6002	-.00889	2.7630	.04736	3.682	.04647	<.00000
Stddev	.196	.1079	.00064	.0544	.00175	.013	.00222	.52762
%RSD	.55218	4.1489	7.1651	1.9685	3.6966	.3406	4.7748	24.721
#1	35.556	2.5810	-.00861	2.7480	.04594	3.674	.04556	-1.8035
#2	35.474	2.7164	-.00844	2.8233	.04932	3.675	.04900	-2.7428
#3	35.184	2.5032	-.00962	2.7177	.04683	3.697	.04485	-1.8567

Sample Name: K4365-01 Acquired: 8/16/2019 16:05:09 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0600-COMP-BH Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	29.598
Stddev	3.915
%RSD	13.228

#1	33.992
#2	28.319
#3	26.482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.5	23751.	2539.2	25.813	2033.9
Stddev	12.2	93.	54.3	1.265	10.3
%RSD	.55393	.39327	2.1396	4.9024	.50873

#1	2199.9	23647.	2536.6	25.395	2030.6
#2	2195.4	23828.	2486.2	24.810	2025.7
#3	2218.4	23778.	2594.7	27.235	2045.5

Sample Name: K4365-02 Acquired: 8/16/2019 16:09:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0601-COMP-BH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04748	-.00564	.08996	.01503	.00344	75.416	.20770	.00319
Stddev	.00120	.00078	.00092	.00051	.00253	.344	.00161	.00017
%RSD	2.5290	13.901	1.0249	3.4022	73.596	.45628	.77302	5.4264
#1	.04789	-.00506	.09000	.01562	.00330	75.025	.20608	.00316
#2	.04612	-.00653	.08902	.01475	.00604	75.675	.20929	.00337
#3	.04842	-.00533	.09087	.01473	.00098	75.547	.20773	.00302
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	33.058	.25815	.05371	.21011	131.99	1.2447	45.209
Stddev	.00032	.340	.00013	.00015	.00053	.91	.0063	.125
%RSD	171.65	1.0284	.05071	.27748	.25447	.68725	.50829	.27618
#1	.00053	32.695	.25828	.05375	.21005	131.19	1.2513	45.077
#2	-.00011	33.110	.25814	.05354	.21066	132.97	1.2441	45.223
#3	.00014	33.369	.25802	.05383	.20960	131.80	1.2387	45.326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14474	.00474	55.996	.25499	.49161	19.593	.02956	.15496
Stddev	.00075	.00066	.249	.00047	.00114	.085	.00020	.01503
%RSD	.51542	13.848	.44503	.18249	.23263	.43375	.66615	9.6982
#1	.14425	.00538	55.730	.25525	.49261	19.503	.02979	.13761
#2	.14560	.00406	56.224	.25526	.49036	19.672	.02942	.16317
#3	.14438	.00479	56.035	.25445	.49186	19.603	.02948	.16409
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.614	2.7830	-.01490	4.1809	.08248	6.185	.05357	<.00000
Stddev	.118	.0470	.00057	.0288	.00085	.009	.00150	.97302
%RSD	.17216	1.6892	3.8281	.68925	1.0312	.1395	2.8071	17.731
#1	68.508	2.7600	-.01549	4.1542	.08151	6.189	.05271	-6.5821
#2	68.742	2.7519	-.01485	4.1772	.08291	6.191	.05269	-5.1601
#3	68.592	2.8370	-.01435	4.2114	.08304	6.175	.05531	-4.7206

Sample Name: K4365-02 Acquired: 8/16/2019 16:09:32 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0601-COMP-BH Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	73.433
Stddev	2.960
%RSD	4.0305

#1	76.748
#2	72.497
#3	71.055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.1	24461.	2611.7	25.771	1946.2
Stddev	5.7	84.	9.7	.454	1.3
%RSD	.25510	.34495	.37134	1.7618	.06760

#1	2247.6	24409.	2621.7	26.276	1945.0
#2	2259.1	24415.	2611.1	25.644	1947.6
#3	2252.5	24558.	2602.3	25.395	1945.9

Sample Name: K4365-03 Acquired: 8/16/2019 16:13:53 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0602-COMP-BH Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07250	-.00730	.28397	.01761	.00604	109.48	.34514	.00485
Stddev	.00298	.00088	.00069	.00299	.00087	.77	.00327	.00011
%RSD	4.1144	11.998	.24236	16.995	14.393	.70488	.94666	2.2303
#1	.07434	-.00633	.28359	.01432	.00640	108.60	.34137	.00498
#2	.07411	-.00753	.28476	.02017	.00667	110.06	.34699	.00478
#3	.06906	-.00804	.28355	.01835	.00505	109.78	.34707	.00480
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00388	46.211	.37998	.07911	.36849	191.06	1.8594	65.803
Stddev	.00005	.195	.00284	.00026	.00047	.95	.0055	.667
%RSD	1.3047	.42209	.74711	.33003	.12857	.49626	.29801	1.0134
#1	.00393	46.125	.38161	.07882	.36874	190.14	1.8544	65.103
#2	.00384	46.075	.37670	.07916	.36878	192.03	1.8585	65.876
#3	.00385	46.435	.38162	.07934	.36794	191.00	1.8654	66.431
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20979	.00724	81.774	.37426	.99166	29.996	.02133	.23728
Stddev	.00111	.00128	.636	.00029	.00159	.216	.00032	.01280
%RSD	.52989	17.724	.77833	.07803	.16052	.72099	1.5058	5.3940
#1	.21004	.00803	81.039	.37456	.99025	29.795	.02122	.22251
#2	.21076	.00792	82.125	.37397	.99135	30.225	.02108	.24515
#3	.20857	.00576	82.157	.37424	.99339	29.966	.02169	.24417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.76	2.7003	-.00142	5.3507	.11705	7.004	.08596	<.00000
Stddev	.16	.0275	.00054	.0137	.00101	.018	.00160	.45152
%RSD	.13220	1.0196	37.922	.25685	.86382	.2573	1.8587	4.1154
#1	120.58	2.7056	-.00175	5.3431	.11660	7.010	.08752	-11.249
#2	120.86	2.7248	-.00080	5.3666	.11821	7.018	.08432	-10.450
#3	120.85	2.6705	-.00171	5.3425	.11635	6.984	.08604	-11.215

Sample Name: K4365-03 Acquired: 8/16/2019 16:13:53 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0602-COMP-BH Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 117.47
Stddev	.32
%RSD	.26962

#1	117.83
#2	117.27
#3	117.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.6	25171.	2704.8	25.858	1902.3
Stddev	1.5	38.	21.8	.700	3.4
%RSD	.06271	.15196	.80488	2.7066	.17630

#1	2314.4	25186.	2679.9	26.600	1904.9
#2	2311.9	25128.	2713.9	25.764	1898.5
#3	2314.5	25199.	2720.5	25.210	1903.6

Sample Name: K4365-04 Acquired: 8/16/2019 16:18:12 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0603-COMP-BH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04224	-.00472	.11424	.01342	.00345	60.327	.16286	.00266
Stddev	.00242	.00130	.00178	.00500	.00121	.372	.00155	.00012
%RSD	5.7394	27.654	1.5578	37.280	34.958	.61635	.95120	4.4917
#1	.04242	-.00321	.11433	.01009	.00212	60.032	.16108	.00252
#2	.04457	-.00541	.11598	.01917	.00447	60.203	.16359	.00275
#3	.03973	-.00553	.11242	.01099	.00375	60.744	.16391	.00271
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	41.577	.25425	.04548	.16693	108.55	1.0649	37.443
Stddev	.00016	.313	.00178	.00019	.00080	.42	.0072	.367
%RSD	100.33	.75390	.69941	.41528	.47853	.38285	.67314	.97969
#1	-.00002	41.225	.25229	.04562	.16691	108.84	1.0711	37.075
#2	.00028	41.825	.25577	.04555	.16614	108.74	1.0666	37.445
#3	.00023	41.682	.25469	.04527	.16774	108.08	1.0570	37.809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13187	.00434	52.395	.19631	.48618	16.120	.00803	.11828
Stddev	.00018	.00058	.286	.00085	.00032	.156	.00025	.02516
%RSD	.13468	13.287	.54632	.43286	.06546	.96929	3.1220	21.274
#1	.13207	.00379	52.065	.19542	.48589	15.974	.00774	.14733
#2	.13179	.00428	52.577	.19711	.48613	16.103	.00816	.10430
#3	.13174	.00494	52.544	.19641	.48652	16.285	.00819	.10322
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.833	3.4260	-.00304	3.3994	.06707	6.585	.09997	<.00000
Stddev	.231	.0289	.00004	.0291	.00066	.006	.00177	1.3216
%RSD	.53981	.84237	1.2974	.85561	.98658	.0872	1.7723	29.905
#1	42.784	3.3971	-.00300	3.3660	.06634	6.588	.09867	-5.1441
#2	42.630	3.4259	-.00308	3.4134	.06763	6.578	.09926	-5.2201
#3	43.085	3.4549	-.00303	3.4189	.06724	6.588	.10199	-2.8939

Sample Name: K4365-04 Acquired: 8/16/2019 16:18:12 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0603-COMP-BH Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	55.321
Stddev	1.684
%RSD	3.0435

#1	54.955
#2	53.850
#3	57.158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.6	24246.	2567.4	26.027	1966.7
Stddev	12.6	141.	19.7	1.675	10.8
%RSD	.56055	.58184	.76916	6.4346	.55090

#1	2245.7	24116.	2551.4	26.519	1968.8
#2	2258.2	24226.	2561.3	27.401	1976.4
#3	2233.0	24396.	2589.5	24.162	1955.0

Sample Name: K4365-05 Acquired: 8/16/2019 16:22:34 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0604-COMP-BH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03162	-.00567	.08481	.00424	.00198	45.336	.12107	.00233
Stddev	.00079	.00074	.00306	.00511	.00351	.463	.00166	.00023
%RSD	2.5051	13.093	3.6050	120.56	177.52	1.0220	1.3709	9.9564
#1	.03074	-.00510	.08497	.01012	-.00183	44.842	.12089	.00209
#2	.03182	-.00651	.08779	.00094	.00269	45.404	.11951	.00233
#3	.03229	-.00541	.08168	.00165	.00507	45.761	.12282	.00256
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	210.15	.20962	.03299	.12422	81.340	.78710	29.565
Stddev	.00014	1.07	.00175	.00027	.00119	.466	.00347	.436
%RSD	16.632	.50837	.83502	.82478	.96074	.57229	.44143	1.4735
#1	.00070	209.00	.21162	.03325	.12515	81.578	.78591	29.094
#2	.00087	210.35	.20836	.03270	.12287	81.639	.79101	29.646
#3	.00099	211.11	.20889	.03301	.12463	80.804	.78437	29.954
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10478	.00263	54.661	.14824	.44339	13.262	.01357	.11110
Stddev	.00047	.00053	.627	.00056	.00114	.020	.00010	.00511
%RSD	.44530	20.152	1.1465	.37681	.25610	.14996	.73051	4.6035
#1	.10427	.00204	54.053	.14854	.44457	13.244	.01349	.11700
#2	.10487	.00277	54.623	.14859	.44231	13.283	.01354	.10793
#3	.10519	.00307	55.305	.14760	.44329	13.258	.01368	.10836
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.490	2.6790	-.00074	2.7075	.05431	6.224	.64594	<.00000
Stddev	.054	.0192	.00194	.0201	.00052	.017	.00276	.73345
%RSD	.17297	.71667	261.51	.74221	.96571	.2790	.42666	178.01
#1	31.531	2.7011	-.00298	2.6843	.05389	6.241	.64281	-1.2151
#2	31.428	2.6670	.00057	2.7188	.05414	6.207	.64702	-.24357
#3	31.511	2.6688	.00018	2.7194	.05490	6.224	.64799	.22253

Sample Name: K4365-05 Acquired: 8/16/2019 16:22:34 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0604-COMP-BH Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	37.664
Stddev	5.385
%RSD	14.296

#1	40.591
#2	40.951
#3	31.450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.6	23502.	2492.6	25.240	1918.4
Stddev	7.1	33.	25.3	1.176	6.4
%RSD	.32890	.14226	1.0168	4.6584	.33511

#1	2145.6	23484.	2473.0	26.546	1913.5
#2	2156.1	23482.	2483.6	24.267	1925.7
#3	2159.1	23541.	2521.2	24.905	1916.0

Sample Name: K4372-01 Acquired: 8/16/2019 16:26:58 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-COMPOSI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06420	.00541	12.844	.18357	.03193	117.60	23.590	.00594
Stddev	.00237	.00170	.061	.00250	.00265	.65	.341	.00008
%RSD	3.6838	31.444	.47667	1.3627	8.2877	.55416	1.4445	1.3346
#1	.06693	.00390	12.902	.18189	.03497	116.93	23.198	.00601
#2	.06271	.00507	12.851	.18645	.03017	117.63	23.819	.00586
#3	.06296	.00725	12.780	.18238	.03065	118.23	23.752	.00596
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13563	203.78	F 13.021	.28026	4.4752	324.31	3.9803	82.761
Stddev	.00053	.15	.004	.00051	.0088	.91	.0133	.319
%RSD	.39128	.07565	.03198	.18308	.19730	.28099	.33512	.38544
#1	.13563	203.81	13.022	.28079	4.4800	325.04	3.9957	82.560
#2	.13511	203.91	13.024	.28023	4.4807	324.59	3.9726	82.595
#3	.13617	203.61	13.016	.27976	4.4651	323.29	3.9726	83.129
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7357	.04334	9.3065	2.0089	12.664	8.9663	.10107	.08171
Stddev	.0028	.00024	.0375	.0045	.065	.0978	.00068	.01006
%RSD	.16056	.56246	.40308	.22355	.51229	1.0907	.67508	12.312
#1	1.7367	.04361	9.2634	2.0039	12.727	8.8952	.10053	.07067
#2	1.7326	.04313	9.3244	2.0125	12.666	8.9260	.10183	.09036
#3	1.7378	.04328	9.3317	2.0103	12.598	9.0778	.10084	.08412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.978	2.6755	.62777	4.4060	.07621	7.321	.77896	<.00000
Stddev	.129	.0505	.00047	.0203	.00006	.014	.00025	.61764
%RSD	.39102	1.8855	.07435	.45997	.08058	.1960	.03182	4.6913
#1	33.125	2.7005	.62831	4.3853	.07623	7.325	.77891	-13.371
#2	32.926	2.7085	.62750	4.4070	.07614	7.306	.77922	-13.654
#3	32.883	2.6174	.62751	4.4258	.07626	7.334	.77874	-12.471

Sample Name: K4372-01 Acquired: 8/16/2019 16:26:58 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SOIL-COMPOSI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 242.23
 Stddev 3.01
 %RSD 1.2437

#1 241.28
 #2 245.61
 #3 239.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.9	24200.	2635.8	25.092	1843.1
Stddev	6.0	95.	21.4	.682	9.3
%RSD	.27050	.39073	.81145	2.7182	.50448

#1	2197.2	24105.	2614.8	24.492	1833.4
#2	2202.3	24201.	2635.1	25.834	1843.8
#3	2209.1	24294.	2657.6	24.950	1852.0

Sample Name: K4375-01 Acquired: 8/16/2019 16:31:22 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-31S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10875	-.00822	7.7720	.00807	-.00624	132.00	15.196	.00860
Stddev	.00253	.00218	.0176	.00089	.00367	.97	.082	.00024
%RSD	2.3260	26.500	.22609	10.993	58.811	.73696	.53644	2.7364
#1	.11132	-.00999	7.7555	.00868	-.00210	131.02	15.107	.00849
#2	.10868	-.00886	7.7700	.00849	-.00908	131.99	15.212	.00887
#3	.10626	-.00579	7.7905	.00705	-.00755	132.97	15.268	.00844
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07413	587.99	F 24.293	.42056	1.3176	458.52	18.376	122.96
Stddev	.00020	3.68	.035	.00142	.0035	.95	.091	1.42
%RSD	.26347	.62653	.14448	.33664	.26840	.20813	.49497	1.1534
#1	.07426	584.50	24.278	.42025	1.3188	458.44	18.327	121.36
#2	.07390	587.62	24.333	.41932	1.3136	459.52	18.481	123.49
#3	.07422	591.84	24.269	.42210	1.3204	457.61	18.320	124.04
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1272	.00500	10.098	.63174	F 41.185	14.841	.02026	.08738
Stddev	.0006	.00066	.080	.00247	.094	.130	.00046	.03097
%RSD	.05057	13.097	.78914	.39151	.22736	.87452	2.2671	35.444
#1	1.1274	.00537	10.017	.62993	41.131	14.691	.02027	.08984
#2	1.1266	.00540	10.103	.63072	41.131	14.910	.02072	.11706
#3	1.1277	.00425	10.176	.63455	41.293	14.921	.01980	.05526
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.738	1.6297	.05973	5.1103	.08162	8.570	2.8212	<.00000
Stddev	.157	.0061	.00195	.0322	.00059	.015	.0183	.52157
%RSD	.27693	.37364	3.2618	.62945	.72067	.1794	.64860	2.4900
#1	56.684	1.6324	.06181	5.0779	.08222	8.566	2.8059	-21.249
#2	56.615	1.6339	.05941	5.1106	.08160	8.557	2.8161	-21.246
#3	56.915	1.6227	.05796	5.1423	.08104	8.587	2.8415	-20.344

Sample Name: K4375-01 Acquired: 8/16/2019 16:31:22 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-31S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 435.19
 Stddev 6.56
 %RSD 1.5069

#1 437.62
 #2 427.77
 #3 440.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.0	23715.	2585.5	24.151	1667.8
Stddev	4.6	52.	5.1	2.281	3.3
%RSD	.21780	.21803	.19830	9.4464	.20007

#1	2089.5	23716.	2579.9	25.680	1669.4
#2	2098.2	23662.	2586.5	25.244	1670.0
#3	2091.4	23766.	2590.0	21.528	1663.9

Sample Name: CCV05 Acquired: 8/16/2019 16:35:46 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0766	5.0885	4.9220	5.1676	5.0819	9.9751	10.137	.25587
Stddev	.0125	.0099	.0145	.0100	.0046	.1655	.152	.00081
%RSD	.24573	.19481	.29539	.19350	.08991	1.6590	1.4990	.31643
#1	5.0748	5.0780	4.9217	5.1595	5.0814	9.7842	9.9681	.25537
#2	5.0898	5.0895	4.9076	5.1644	5.0868	10.078	10.181	.25680
#3	5.0650	5.0978	4.9367	5.1788	5.0777	10.063	10.262	.25544
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5264	25.934	1.0213	2.5193	1.2735	5.2076	2.5259	25.290
Stddev	.0021	.684	.0026	.0009	.0001	.0097	.0098	.402
%RSD	.08490	2.6389	.25500	.03741	.00567	.18670	.38613	1.5907
#1	2.5248	25.540	1.0191	2.5186	1.2735	5.1996	2.5234	24.831
#2	2.5256	26.724	1.0206	2.5204	1.2734	5.2047	2.5367	25.455
#3	2.5289	25.537	1.0242	2.5190	1.2735	5.2184	2.5176	25.583
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5353	1.2649	25.232	2.5580	2.4720	24.822	5.0423	5.0141
Stddev	.0047	.0012	.359	.0033	.0014	.290	.0050	.0807
%RSD	.18630	.09559	1.4241	.12878	.05859	1.1684	.09876	1.6095
#1	2.5308	1.2653	24.838	2.5579	2.4708	24.510	5.0375	4.9267
#2	2.5349	1.2659	25.316	2.5613	2.4715	24.874	5.0474	5.0298
#3	2.5402	1.2636	25.541	2.5547	2.4736	25.083	5.0418	5.0858
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0026	5.0637	5.0233	5.1126	4.7379	5.217	5.1728	F 8.7093
Stddev	.0220	.1122	.0111	.1168	.1092	.013	.1169	.8953
%RSD	.43971	2.2148	.22095	2.2835	2.3043	.2467	2.2591	10.280
#1	4.9791	5.0842	5.0209	5.0462	4.7029	5.208	5.1243	9.6084
#2	5.0059	5.1642	5.0136	5.2474	4.8603	5.211	5.3061	7.8178
#3	5.0227	4.9428	5.0354	5.0442	4.6506	5.232	5.0880	8.7016

Sample Name: CCV05 Acquired: 8/16/2019 16:35:46 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8804
Stddev 1.9202
%RSD 66.665

#1 3.4953
#2 4.4180
#3 .72807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.5	21592.	2289.0	25.428	1931.0
Stddev	7.4	73.	61.4	1.842	5.2
%RSD	.37091	.33691	2.6806	7.2425	.26819

#1	1985.4	21511.	2263.6	24.755	1925.6
#2	1989.4	21612.	2244.4	24.018	1931.4
#3	1999.7	21652.	2359.0	27.511	1935.9

Sample Name: CCB05 Acquired: 8/16/2019 16:39:45 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	-.00071	.00045	-.00162	.00207	F .03004	.00881
Stddev	.00394	.00142	.00076	.00373	.00042	.00860	.00201
%RSD	113.35	199.50	169.22	230.50	20.267	28.636	22.761

#1	-.00035	-.00182	-.00041	-.00538	.00213	.03163	.01073
#2	.00751	.00089	.00074	-.00154	.00246	.02076	.00898
#3	.00326	-.00121	.00102	.00207	.00162	.03774	.00673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00013	.01341	-.00042	.00002	-.00029	.00300
Stddev	.00007	.00009	.00933	.00016	.00013	.00013	.00049
%RSD	124.25	71.844	69.601	37.781	540.96	44.244	16.392

#1	.00001	.00003	.01734	-.00047	-.00005	-.00044	.00252
#2	-.00012	.00020	.02013	-.00024	-.00005	-.00020	.00296
#3	-.00006	.00015	.00275	-.00054	.00018	-.00024	.00350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01255	-.00005	-.00076	-.19077	-.00017	.00005
Stddev	.00005	.04760	.00022	.00070	.01031	.00064	.00007
%RSD	264.06	379.31	437.67	92.019	5.4057	385.34	154.40

#1	-.00001	.01795	-.00018	-.00013	-.20142	-.00088	.00013
#2	-.00007	-.06741	.00020	-.00152	-.19005	.00006	.00004
#3	.00003	.01180	-.00018	-.00065	-.18083	.00033	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11527	.00118	.00807	-.00216	.00539	-.00100	-.00058
Stddev	.01392	.00058	.00590	.00172	.00138	.00133	.00227
%RSD	12.072	49.218	73.162	79.308	25.665	133.35	393.63

#1	-.11507	.00173	.00549	-.00216	.00537	-.00005	.00154
#2	-.12929	.00125	.00389	-.00045	.00402	-.00251	-.00297
#3	-.10146	.00057	.01482	-.00388	.00679	-.00043	-.00029

Sample Name: CCB05 Acquired: 8/16/2019 16:39:45 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00210	-.0006	.00005	F 6.8339	F<.00000
Stddev	.00065	.0009	.00025	.9430	.77683
%RSD	31.068	138.9	456.96	13.799	56.961
#1	.00139	-.0013	.00015	6.2975	-2.2568
#2	.00223	-.0009	.00024	6.2814	-.99079
#3	.00268	.0003	-.00023	7.9228	-.84381
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.6	21626.	2305.8	26.028	2099.0
Stddev	3.9	89.	5.9	.218	5.2
%RSD	.19383	.40995	.25728	.83653	.24701
#1	2026.8	21583.	2310.9	26.240	2093.3
#2	2034.7	21568.	2307.2	25.805	2103.3
#3	2030.5	21728.	2299.3	26.040	2100.6

Sample Name: K4375-03 Acquired: 8/16/2019 16:44:14 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15498	-.01226	10.057	.02938	.28426	144.29	11.793	.01064
Stddev	.00292	.00097	.076	.00400	.00237	2.17	.197	.00016
%RSD	1.8835	7.9163	.75883	13.614	.83469	1.5048	1.6691	1.5192
#1	.15346	-.01219	10.116	.02973	.28546	142.64	11.648	.01046
#2	.15835	-.01132	10.083	.03320	.28580	146.75	12.017	.01077
#3	.15313	-.01326	9.9706	.02522	.28153	143.47	11.713	.01070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02485	199.81	1.8139	2.2115	30.786	409.87	4.8305	60.183
Stddev	.00060	.59	.0312	.0176	.195	5.88	.0794	.779
%RSD	2.4333	.29441	1.7217	.79777	.63241	1.4352	1.6431	1.2942
#1	.02543	199.27	1.7892	2.2203	30.924	404.34	4.7798	59.721
#2	.02423	199.71	1.8490	2.2230	30.872	416.05	4.9220	61.082
#3	.02490	200.44	1.8035	2.1911	30.563	409.22	4.7897	59.745
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5600	.01835	202.76	.56549	5.8263	21.925	.00882	.37748
Stddev	.0456	.00035	3.37	.00909	.0503	.216	.00034	.01252
%RSD	.81939	1.9245	1.6599	1.6076	.86309	.98609	3.9132	3.3165
#1	5.5890	.01857	200.17	.55686	5.8536	21.802	.00915	.37739
#2	5.5835	.01794	206.56	.57498	5.8570	22.174	.00846	.36501
#3	5.5075	.01853	201.54	.56464	5.7683	21.797	.00883	.39005
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 64.523	1.7456	8.1871	6.2593	.10816	7.686	1.2630	<.00000
Stddev	.720	.0024	.0707	.0327	.00109	.027	.0060	1.5793
%RSD	1.1159	.13912	.86342	.52182	1.0093	.3473	.47559	7.8500
#1	64.873	1.7445	8.2271	6.2301	.10749	7.701	1.2631	-20.630
#2	65.002	1.7439	8.2288	6.2532	.10757	7.701	1.2570	-18.347
#3	63.695	1.7484	8.1055	6.2946	.10942	7.655	1.2690	-21.379

Sample Name: K4375-03 Acquired: 8/16/2019 16:44:14 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-30S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 342.86
 Stddev 4.61
 %RSD 1.3433

#1 338.02
 #2 343.37
 #3 347.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.4	24412.	2681.7	24.368	1740.7
Stddev	12.6	307.	9.9	.371	12.5
%RSD	.56840	1.2572	.36812	1.5207	.71556

#1	2209.4	24513.	2671.5	24.138	1732.7
#2	2217.6	24067.	2691.2	24.172	1734.4
#3	2234.2	24655.	2682.3	24.796	1755.1

Sample Name: K4375-05 Acquired: 8/16/2019 16:48:38 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-29S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10900	-.00150	.86907	.02227	.00899	145.60	1.4027	.00956
Stddev	.00307	.00203	.00414	.00392	.00150	.89	.0135	.00012
%RSD	2.8159	135.80	.47640	17.609	16.679	.60839	.96561	1.2970

#1	.11253	-.00235	.86849	.02433	.01070	144.88	1.3913	.00969
#2	.10748	.00082	.86526	.01775	.00832	146.59	1.4176	.00954
#3	.10698	-.00297	.87348	.02473	.00794	145.33	1.3991	.00944

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00963	53.836	.38459	.49905	2.7135	339.75	5.0771	55.873
Stddev	.00031	.189	.00130	.00109	.0074	.98	.0247	.623
%RSD	3.2438	.35151	.33810	.21808	.27256	.28924	.48593	1.1154

#1	.00970	53.704	.38348	.49855	2.7081	340.56	5.0944	55.333
#2	.00929	53.751	.38602	.50030	2.7219	338.66	5.0881	56.555
#3	.00990	54.053	.38427	.49830	2.7104	340.03	5.0489	55.730

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2987	.00536	42.727	.38638	1.2052	24.135	.01186	.13326
Stddev	.0122	.00109	.386	.00025	.0036	.127	.00038	.01512
%RSD	.23066	20.256	.90392	.06540	.29591	.52625	3.1643	11.346

#1	5.2979	.00588	42.507	.38625	1.2037	24.113	.01150	.13321
#2	5.3113	.00610	43.173	.38667	1.2093	24.272	.01225	.14840
#3	5.2869	.00412	42.502	.38622	1.2026	24.021	.01183	.11816

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 242.05	2.9529	-.00164	2.8507	.17248	7.909	.25391	<.00000
Stddev	.60	.0330	.00064	.0118	.00207	.012	.00047	.80158
%RSD	.24945	1.1180	38.993	.41204	1.1984	.1459	.18675	2.6518

#1	241.69	2.9769	-.00091	2.8578	.17151	7.918	.25342	-30.452
#2	242.75	2.9153	-.00195	2.8371	.17109	7.912	.25395	-30.893
#3	241.72	2.9666	-.00207	2.8571	.17486	7.896	.25436	-29.338

Sample Name: K4375-05 Acquired: 8/16/2019 16:48:38 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-29S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 308.07
 Stddev 3.37
 %RSD 1.0939

#1 304.41
 #2 308.73
 #3 311.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.8	27725.	2985.4	25.018	1838.1
Stddev	2.5	113.	24.3	.436	1.6
%RSD	.09633	.40743	.81436	1.7436	.08544

#1	2551.5	27652.	2964.0	25.304	1839.2
#2	2546.8	27668.	3011.8	25.234	1836.3
#3	2547.9	27855.	2980.5	24.516	1838.8

Sample Name: K4375-07 Acquired: 8/16/2019 16:53:04 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-28S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33378	.01038	16.379	.03193	.31371	66.594	10.339	.01071
Stddev	.00194	.00112	.049	.00367	.00192	.492	.082	.00019
%RSD	.58256	10.747	.29637	11.487	.61044	.73863	.78919	1.7417
#1	.33476	.01078	16.377	.02972	.31245	66.229	10.265	.01052
#2	.33154	.00911	16.429	.03616	.31592	66.400	10.325	.01089
#3	.33504	.01123	16.332	.02990	.31277	67.153	10.427	.01073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08129	60.153	F 2.2650	.31597	24.407	473.50	2.9695	30.204
Stddev	.00071	.154	.0020	.00042	.064	3.20	.0037	.311
%RSD	.86988	.25634	.08908	.13200	.26134	.67508	.12293	1.0308
#1	.08186	59.976	2.2640	.31587	24.336	471.23	2.9658	29.866
#2	.08050	60.229	2.2674	.31643	24.459	477.16	2.9695	30.266
#3	.08151	60.255	2.2638	.31561	24.425	472.12	2.9731	30.480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79659	.02358	19.460	.24911	17.881	9.3161	.03057	-.01970
Stddev	.00242	.00034	.137	.00202	.038	.0590	.00027	.03006
%RSD	.30427	1.4244	.70475	.80945	.21027	.63318	.89804	152.60
#1	.79781	.02330	19.328	.24829	17.866	9.2518	.03031	-.02184
#2	.79380	.02395	19.451	.25141	17.924	9.3289	.03085	.01137
#3	.79816	.02350	19.601	.24763	17.854	9.3677	.03054	-.04863
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 187.44	3.8731	3.3869	2.3584	.06133	7.078	.44762	<.00000
Stddev	.33	.0350	.0112	.0045	.00095	.014	.00451	.54606
%RSD	.17608	.90291	.33090	.18881	1.5541	.2029	1.0078	1.8501
#1	187.17	3.9022	3.3984	2.3571	.06039	7.075	.44853	-28.885
#2	187.81	3.8829	3.3863	2.3547	.06130	7.094	.44273	-29.823
#3	187.35	3.8343	3.3760	2.3634	.06229	7.066	.45161	-29.839

Sample Name: K4375-07 Acquired: 8/16/2019 16:53:04 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-28S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 454.30
 Stddev 4.91
 %RSD 1.0802

#1 449.04
 #2 455.10
 #3 458.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.9	25617.	2756.8	25.645	1839.3
Stddev	3.3	53.	16.5	.657	4.4
%RSD	.14212	.20590	.59938	2.5623	.23839

#1	2309.1	25605.	2748.7	26.159	1836.6
#2	2305.5	25571.	2745.9	25.872	1837.0
#3	2312.0	25675.	2775.8	24.905	1844.3

Sample Name: K4375-09 Acquired: 8/16/2019 17:03:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-27S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20628	.00644	2.7114	.02430	.02555	89.315	1.7674	.00784
Stddev	.00490	.00230	.0077	.00265	.00074	.123	.0052	.00027
%RSD	2.3730	35.759	.28382	10.916	2.8861	.13761	.29478	3.3837
#1	.20532	.00902	2.7104	.02153	.02477	89.443	1.7681	.00757
#2	.20194	.00459	2.7042	.02457	.02624	89.198	1.7619	.00787
#3	.21158	.00571	2.7195	.02682	.02564	89.306	1.7722	.00810
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03510	119.36	.36325	.20423	2.9499	481.01	3.0735	45.946
Stddev	.00032	.67	.00183	.00034	.0042	2.21	.0029	.186
%RSD	.92161	.56018	.50328	.16865	.14132	.45884	.09404	.40587
#1	.03480	119.63	.36420	.20431	2.9524	482.42	3.0730	46.104
#2	.03506	119.84	.36441	.20453	2.9522	478.47	3.0709	45.740
#3	.03544	118.59	.36114	.20385	2.9451	482.15	3.0767	45.993
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45669	.00767	10.676	.39989	9.6640	15.394	.01109	-.03876
Stddev	.00263	.00085	.023	.00084	.0124	.008	.00011	.01980
%RSD	.57534	11.110	.21469	.21079	.12825	.05486	.97380	51.089
#1	.45840	.00865	10.686	.39992	9.6773	15.390	.01118	-.01600
#2	.45367	.00721	10.649	.39903	9.6529	15.389	.01097	-.05203
#3	.45802	.00715	10.692	.40072	9.6616	15.404	.01112	-.04824
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 501.11	4.2585	.13800	2.8730	.10195	5.647	.15980	<.00000
Stddev	.44	.0366	.00087	.0138	.00059	.011	.00548	.42448
%RSD	.08729	.86050	.63265	.48005	.57687	.1871	3.4321	1.4992
#1	501.42	4.2978	.13798	2.8831	.10259	5.651	.15890	-27.901
#2	501.30	4.2524	.13714	2.8785	.10144	5.655	.16568	-28.290
#3	500.61	4.2253	.13888	2.8573	.10183	5.635	.15483	-28.749

Sample Name: K4375-09 Acquired: 8/16/2019 17:03:13 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-27S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 457.67
 Stddev 4.59
 %RSD 1.0023

#1 452.52
 #2 461.34
 #3 459.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.9	24846.	2673.7	24.370	1810.7
Stddev	1.2	60.	22.1	1.389	2.0
%RSD	.05271	.24026	.82661	5.6989	.10896

#1	2265.5	24782.	2658.7	23.673	1809.8
#2	2267.4	24900.	2663.4	25.969	1813.0
#3	2267.8	24856.	2699.1	23.467	1809.3

Sample Name: K4377-01 Acquired: 8/16/2019 17:07:33 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17421	.01366	.41158	.01375	.01413	107.39	.47584	.01146
Stddev	.00152	.00133	.00215	.00457	.00331	.93	.00457	.00006
%RSD	.87471	9.7620	.52300	33.204	23.392	.86359	.96075	.54157
#1	.17245	.01252	.41296	.01248	.01629	106.44	.47058	.01146
#2	.17509	.01334	.40910	.01881	.01033	107.43	.47810	.01139
#3	.17509	.01513	.41269	.00995	.01578	108.30	.47885	.01151
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	25.307	.38629	.03211	.49292	400.64	1.2987	15.169
Stddev	.00045	.095	.00138	.00023	.00116	1.53	.0022	.117
%RSD	14.607	.37469	.35800	.72923	.23485	.38225	.17305	.76970
#1	.00308	25.311	.38764	.03229	.49388	400.97	1.2983	15.039
#2	.00267	25.210	.38635	.03219	.49163	401.98	1.3011	15.203
#3	.00358	25.399	.38488	.03184	.49323	398.97	1.2966	15.265
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05087	.00367	3.5163	.64584	.63229	17.948	.00076	-.00944
Stddev	.00027	.00024	.0651	.00106	.00181	.093	.00028	.01037
%RSD	.53496	6.4845	1.8523	.16340	.28556	.51570	37.330	109.86
#1	.05057	.00395	3.4412	.64705	.63437	17.863	.00047	-.01732
#2	.05094	.00355	3.5572	.64512	.63135	18.047	.00076	.00231
#3	.05110	.00352	3.5505	.64535	.63115	17.935	.00103	-.01330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6025	2.2277	.01033	.74081	.04397	8.850	-.27502	<.00000
Stddev	.0170	.0239	.00157	.00311	.00098	.016	.00174	.84061
%RSD	.65294	1.0706	15.236	.41958	2.2308	.1842	.63333	4.2689
#1	2.5895	2.2553	.01142	.73858	.04416	8.866	-.27544	-19.992
#2	2.6217	2.2141	.01104	.74436	.04291	8.834	-.27651	-20.340
#3	2.5963	2.2139	.00852	.73949	.04485	8.851	-.27310	-18.742

Sample Name: K4377-01 Acquired: 8/16/2019 17:07:33 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-50 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 298.66
Stddev 1.91
%RSD .64095

#1 296.45
#2 299.68
#3 299.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.0	24407.	2615.2	24.947	1894.5
Stddev	7.2	33.	29.0	1.225	3.9
%RSD	.31424	.13360	1.1087	4.9110	.20790

#1	2268.9	24420.	2581.8	24.370	1890.3
#2	2282.3	24370.	2630.1	26.354	1898.1
#3	2279.9	24431.	2633.8	24.116	1895.0

Sample Name: K4377-03 Acquired: 8/16/2019 17:12:03 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28263	.01262	.20104	.00083	.02034	117.40	.55280	.01342
Stddev	.00436	.00205	.00474	.00408	.00014	.26	.00315	.00022
%RSD	1.5421	16.268	2.3600	489.28	.69929	.22288	.56973	1.6058
#1	.27868	.01026	.20448	.00068	.02045	117.11	.54918	.01366
#2	.28190	.01363	.20301	-.00317	.02038	117.49	.55425	.01324
#3	.28731	.01397	.19562	.00499	.02018	117.61	.55496	.01337
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01702	18.446	.47128	.10036	.68123	550.98	1.8407	23.671
Stddev	.00036	.099	.00492	.00019	.00375	1.27	.0139	.170
%RSD	2.1260	.53640	1.0444	.18789	.55025	.23086	.75272	.71795
#1	.01736	18.349	.47322	.10017	.68263	551.05	1.8521	23.476
#2	.01664	18.443	.47494	.10036	.67698	552.22	1.8447	23.749
#3	.01705	18.546	.46568	.10055	.68407	549.68	1.8253	23.787
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20542	-.00784	3.1559	.77962	.81950	38.829	-.00545	-.02333
Stddev	.00146	.00024	.0138	.00409	.00225	.073	.00029	.02748
%RSD	.71178	3.0017	.43853	.52492	.27464	.18928	5.3489	117.81
#1	.20704	-.00774	3.1444	.77804	.82210	38.768	-.00539	-.03587
#2	.20420	-.00811	3.1520	.78427	.81823	38.910	-.00576	.00819
#3	.20501	-.00766	3.1712	.77655	.81818	38.808	-.00519	-.04230
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.306	2.8165	.00039	.95333	.08636	9.301	-.47203	<.00000
Stddev	.062	.0197	.00157	.00029	.00045	.012	.00197	.57290
%RSD	.18470	.69779	398.14	.03038	.51598	.1327	.41805	1.7074
#1	33.375	2.7987	-.00032	.95301	.08685	9.296	-.47306	-33.853
#2	33.285	2.8376	.00219	.95359	.08597	9.292	-.47327	-32.894
#3	33.257	2.8132	-.00069	.95338	.08627	9.315	-.46975	-33.916

Sample Name: K4377-03 Acquired: 8/16/2019 17:12:03 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RBR-29 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 578.27
 Stddev 2.04
 %RSD .35360

#1 579.62
 #2 575.92
 #3 579.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.7	25170.	2671.4	23.108	1794.2
Stddev	9.0	68.	6.4	.687	4.9
%RSD	.38629	.26966	.23786	2.9712	.27392

#1	2319.5	25121.	2664.1	22.655	1791.2
#2	2329.2	25141.	2675.6	23.898	1791.6
#3	2337.5	25247.	2674.5	22.771	1799.9

Sample Name: K4383-03 Acquired: 8/16/2019 17:16:21 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1359 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01224	-.00079	.07263	.00931	.00506	67.412	.28881	.00279
Stddev	.00326	.00223	.00188	.00216	.00118	.360	.00138	.00007
%RSD	26.624	282.89	2.5892	23.179	23.346	.53426	.47667	2.4044

#1	.01570	-.00336	.07095	.01009	.00638	67.370	.28742	.00271
#2	.01179	.00032	.07228	.01096	.00411	67.074	.28883	.00281
#3	.00923	.00067	.07466	.00687	.00470	67.791	.29017	.00284

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	8.5135	.09170	.03358	.24861	101.60	2.0549	13.619
Stddev	.00023	.0635	.00103	.00016	.00076	.54	.0012	.042
%RSD	18.832	.74584	1.1248	.47902	.30455	.52819	.05960	.30792

#1	-.00129	8.4499	.09272	.03369	.24859	102.20	2.0563	13.651
#2	-.00098	8.5768	.09172	.03340	.24938	101.16	2.0544	13.634
#3	-.00144	8.5139	.09065	.03366	.24787	101.45	2.0541	13.571

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07556	.00339	13.566	.14721	.22311	5.7100	.00132	.01155
Stddev	.00074	.00040	.079	.00124	.00035	.0715	.00035	.01164
%RSD	.98182	11.769	.58391	.84077	.15861	1.2521	26.586	100.80

#1	.07532	.00384	13.500	.14854	.22279	5.6550	.00171	.01322
#2	.07497	.00310	13.543	.14609	.22349	5.6842	.00103	-.00084
#3	.07639	.00321	13.654	.14701	.22304	5.7908	.00123	.02226

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33413	1.9780	.00286	.91690	.03371	2.097	-.04139	<.00000
Stddev	.01004	.0225	.00069	.00567	.00043	.004	.00100	.76241
%RSD	3.0056	1.1357	24.171	.61832	1.2831	.1871	2.4213	15.530

#1	.32322	1.9556	.00361	.91044	.03325	2.093	-.04244	-4.6624
#2	.33617	2.0006	.00224	.92103	.03375	2.101	-.04044	-5.7645
#3	.34299	1.9778	.00274	.91924	.03411	2.096	-.04129	-4.3008

Sample Name: K4383-03 Acquired: 8/16/2019 17:16:21 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1359 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 42.887
 Stddev 2.274
 %RSD 5.3019

#1 40.876
 #2 45.354
 #3 42.429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.4	23793.	2529.9	26.194	2038.3
Stddev	6.7	52.	15.1	1.208	4.6
%RSD	.30070	.21755	.59861	4.6103	.22340

#1	2230.0	23747.	2544.2	26.094	2042.1
#2	2217.7	23849.	2514.1	25.040	2033.2
#3	2228.5	23783.	2531.5	27.449	2039.4

Sample Name: K3616-07 Acquired: 8/16/2019 17:20:50 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	-.00343	.00840	-.00259	-.00152	.14933	.15270
Stddev	.00379	.00131	.00086	.00236	.00387	.02953	.00236
%RSD	151.78	38.129	10.252	91.093	254.92	19.771	1.5487

#1	.00488	-.00226	.00921	-.00439	-.00354	.11827	.15004
#2	-.00187	-.00319	.00750	.00008	.00295	.15270	.15350
#3	.00448	-.00485	.00849	-.00346	-.00397	.17703	.15457

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00096	30.238	-.00053	.00529	.01008	.04527
Stddev	.00005	.00004	.118	.00067	.00010	.00077	.00172
%RSD	55.031	3.7350	.39144	125.06	1.9086	7.6740	3.8003

#1	.00014	.00098	30.102	-.00037	.00537	.01048	.04665
#2	.00004	.00092	30.303	.00004	.00518	.01058	.04334
#3	.00011	.00099	30.310	-.00127	.00534	.00919	.04581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62652	1.5746	.00176	.00012	275.53	-.00220	.05758
Stddev	.00168	.0091	.00049	.00025	1.69	.00057	.00015
%RSD	.26744	.57827	28.085	219.49	.61201	25.848	.26597

#1	.62536	1.5850	.00223	-.00015	273.76	-.00240	.05775
#2	.62577	1.5708	.00124	.00036	275.71	-.00156	.05746
#3	.62844	1.5681	.00179	.00014	277.12	-.00265	.05754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96201	-.00044	.01051	.51292	1.2248	-.00216	-.00160
Stddev	.03123	.00007	.00941	.00735	.0191	.00080	.00389
%RSD	3.2463	15.434	89.574	1.4321	1.5581	37.169	242.72

#1	.92704	-.00048	.00541	.50777	1.2441	-.00188	.00286
#2	.98711	-.00049	.00475	.52133	1.2245	-.00154	-.00425
#3	.97187	-.00037	.02138	.50965	1.2059	-.00307	-.00343

Sample Name: K3616-07 Acquired: 8/16/2019 17:20:50 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.0058	.16553	9.3920	F<.00000
Stddev	.00116	.0025	.00065	.5263	4.6056
%RSD	144.44	42.96	.39330	5.6039	52.062
#1	.00171	.0086	.16494	8.9618	-5.2456
#2	.00121	.0039	.16541	9.9788	-14.036
#3	-.00050	.0048	.16623	9.2352	-7.2576
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.2	21230.	2277.0	25.496	1939.6
Stddev	1.3	73.	28.4	1.487	3.2
%RSD	.06424	.34265	1.2467	5.8315	.16264
#1	1972.8	21146.	2245.1	27.048	1936.6
#2	1974.6	21273.	2286.4	24.085	1939.3
#3	1975.3	21271.	2299.5	25.354	1942.9

Sample Name: K3616-07DUP Acquired: 8/16/2019 17:25:17 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	-.00097	.01169	.00318	.00068	.13572	.15279
Stddev	.00350	.00041	.00217	.00267	.00322	.00544	.00246
%RSD	173.25	42.587	18.586	83.811	475.91	4.0092	1.6132

#1	.00044	-.00070	.01385	.00564	-.00112	.13663	.15030
#2	.00603	-.00145	.00951	.00356	.00440	.12988	.15283
#3	-.00041	-.00077	.01172	.00035	-.00125	.14065	.15523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00090	30.594	-.00038	.00544	.01043	.04213
Stddev	.00011	.00013	.200	.00053	.00008	.00050	.00117
%RSD	175.74	14.432	.65440	139.73	1.5195	4.7513	2.7885

#1	.00019	.00079	30.382	.00018	.00543	.01083	.04174
#2	.00002	.00104	30.780	-.00087	.00553	.01060	.04120
#3	-.00002	.00086	30.620	-.00043	.00536	.00988	.04345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62819	1.5739	.00198	-.00001	276.08	-.00213	.05798
Stddev	.00088	.0343	.00065	.00103	4.17	.00057	.00009
%RSD	.14088	2.1764	32.757	9910.4	1.5117	26.587	.15543

#1	.62766	1.6017	.00217	.00116	271.67	-.00276	.05798
#2	.62771	1.5357	.00126	-.00077	276.61	-.00199	.05789
#3	.62922	1.5844	.00251	-.00042	279.97	-.00165	.05807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0629	-.00022	.01616	.51020	1.2321	-.00094	-.00047
Stddev	.0190	.00035	.02250	.00299	.0078	.00142	.00106
%RSD	1.7846	162.51	139.23	.58629	.63717	150.83	223.30

#1	1.0660	-.00004	.02871	.51342	1.2376	-.00193	.00068
#2	1.0426	.00001	.02959	.50967	1.2356	-.00157	-.00139
#3	1.0801	-.00063	-.00982	.50751	1.2231	.00068	-.00071

Sample Name: K3616-07DUP Acquired: 8/16/2019 17:25:17 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.0042	.16696	9.1214	F<.00000
Stddev	.00047	.0011	.00068	.3246	3.7621
%RSD	87.722	25.57	.40906	3.5583	27.229

#1	.00056	.0055	.16617	9.3150	-9.7503
#2	.00099	.0037	.16733	8.7467	-14.526
#3	.00005	.0036	.16737	9.3025	-17.173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.4	21483.	2281.5	26.003	1932.6
Stddev	9.5	88.	29.4	1.797	10.2
%RSD	.47953	.41053	1.2867	6.9093	.52927

#1	1963.5	21430.	2247.7	24.001	1923.8
#2	1971.5	21584.	2296.3	27.475	1930.1
#3	1982.3	21433.	2300.6	26.534	1943.8

Sample Name: K3616-07LX5 Acquired: 8/16/2019 17:29:43 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	-.00010	-.00069	-.00436	.00190	.04151	.03135
Stddev	.00081	.00075	.00171	.00326	.00153	.01088	.00116
%RSD	25.831	768.06	248.21	74.677	80.268	26.219	3.6951

#1	.00273	-.00073	-.00262	-.00370	.00177	.03064	.03041
#2	.00262	-.00029	.00063	-.00148	.00349	.04148	.03100
#3	.00408	.00073	-.00008	-.00790	.00045	.05241	.03265

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00021	6.0680	-.00088	.00100	.00229	.01092
Stddev	.00006	.00006	.2211	.00035	.00048	.00028	.00043
%RSD	26393.	30.116	3.6430	39.279	48.375	12.044	3.9723

#1	-.00005	.00014	5.8127	-.00100	.00069	.00250	.01045
#2	-.00001	.00025	6.1955	-.00049	.00075	.00198	.01130
#3	.00007	.00024	6.1957	-.00115	.00156	.00238	.01102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13106	.29950	.00036	-.00051	55.489	-.00106	.01087
Stddev	.00144	.09685	.00039	.00050	.859	.00095	.00011
%RSD	1.1020	32.338	107.06	97.754	1.5485	90.022	1.0167

#1	.12955	.39211	.00024	-.00008	54.515	-.00074	.01076
#2	.13121	.19890	.00005	-.00106	55.812	-.00030	.01085
#3	.13243	.30748	.00079	-.00040	56.140	-.00213	.01098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12197	.00012	-.00100	.09868	.25445	-.00276	.00150
Stddev	.05246	.00007	.02509	.00196	.00721	.00092	.00293
%RSD	43.010	63.312	2518.1	1.9903	2.8342	33.243	194.81

#1	.10008	.00004	.01843	.09645	.24612	-.00366	.00209
#2	.18183	.00018	-.02933	.09943	.25862	-.00182	.00409
#3	.08400	.00013	.00791	.10016	.25861	-.00281	-.00167

Sample Name: K3616-07LX5 Acquired: 8/16/2019 17:29:43 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA8482 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.0025	.03308	7.8720	F<.00000
Stddev	.00070	.0037	.00081	.2003	1.5419
%RSD	38.891	146.1	2.4565	2.5447	24.106

#1	.00184	.0062	.03215	8.0963	-7.5421
#2	.00108	.0025	.03357	7.7110	-4.6434
#3	.00248	-.0012	.03354	7.8087	-7.0042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.2	21755.	2343.0	27.360	2064.5
Stddev	7.8	65.	27.4	.687	9.3
%RSD	.38740	.30012	1.1702	2.5126	.45258

#1	2018.3	21819.	2369.9	27.897	2058.3
#2	2033.7	21688.	2315.1	26.585	2075.3
#3	2023.6	21759.	2344.1	27.597	2060.0

Sample Name: CCV06 Acquired: 8/16/2019 17:34:10 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0750	5.1099	4.8953	5.1618	5.0831	10.071	10.292	.25901
Stddev	.0221	.0132	.0239	.0151	.0166	.020	.063	.00065
%RSD	.43439	.25754	.48864	.29276	.32648	.20212	.61198	.25206
#1	5.0914	5.1240	4.9045	5.1786	5.1022	10.068	10.231	.25865
#2	5.0836	5.1078	4.9133	5.1576	5.0728	10.053	10.357	.25862
#3	5.0499	5.0979	4.8682	5.1493	5.0743	10.093	10.289	.25977
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5306	26.161	1.0329	2.5230	1.2686	5.2822	2.5462	25.681
Stddev	.0052	.083	.0021	.0072	.0046	.0113	.0019	.229
%RSD	.20473	.31687	.20203	.28375	.36629	.21325	.07594	.89027
#1	2.5350	26.175	1.0349	2.5305	1.2738	5.2810	2.5482	25.422
#2	2.5318	26.072	1.0307	2.5222	1.2669	5.2717	2.5444	25.853
#3	2.5249	26.236	1.0331	2.5162	1.2650	5.2941	2.5459	25.769
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5465	1.2773	25.671	2.5883	2.4787	24.964	5.0370	5.0558
Stddev	.0041	.0020	.171	.0022	.0075	.143	.0137	.0591
%RSD	.15963	.15720	.66663	.08483	.30159	.57156	.27143	1.1684
#1	2.5509	1.2784	25.506	2.5886	2.4864	24.810	5.0521	4.9929
#2	2.5429	1.2750	25.848	2.5859	2.4785	25.092	5.0332	5.0645
#3	2.5455	1.2785	25.660	2.5903	2.4714	24.991	5.0256	5.1101
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9945	5.1130	5.0342	5.1564	4.7300	5.236	5.2152	F 9.9120
Stddev	.0151	.0248	.0201	.0195	.0149	.018	.0087	.4834
%RSD	.30305	.48448	.39898	.37822	.31474	.3451	.16672	4.8774
#1	5.0104	5.1347	5.0521	5.1475	4.7199	5.256	5.2052	10.270
#2	4.9930	5.0860	5.0381	5.1429	4.7229	5.230	5.2196	10.104
#3	4.9802	5.1184	5.0125	5.1787	4.7471	5.221	5.2208	9.3621

Sample Name: CCV06 Acquired: 8/16/2019 17:34:10 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15366 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6897
 Stddev 1.2955
 %RSD 76.668

#1 .20414
 #2 2.2807
 #3 2.5843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.0	21571.	2300.2	26.074	1943.9
Stddev	6.5	28.	11.1	.843	5.7
%RSD	.32308	.13022	.48242	3.2342	.29183

#1	2001.4	21552.	2288.2	25.845	1939.5
#2	2008.2	21558.	2310.2	25.370	1941.9
#3	2014.4	21603.	2302.2	27.009	1950.3

Sample Name: CCB06 Acquired: 8/16/2019 17:38:09 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00530	.00011	-.00169	-.00363	.00169	.02454	.00101
Stddev	.00176	.00118	.00185	.00224	.00042	.02285	.00057
%RSD	33.191	1050.7	109.00	61.746	24.756	93.104	56.218

#1	.00336	-.00034	.00043	-.00544	.00190	.00531	.00110
#2	.00680	-.00077	-.00291	-.00434	.00121	.04980	.00152
#3	.00572	.00145	-.00260	-.00112	.00197	.01852	.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00012	-.00339	-.00080	.00001	-.00009	.00084
Stddev	.00007	.00006	.02518	.00009	.00027	.00028	.00077
%RSD	94.996	49.262	742.80	11.724	2599.4	330.92	91.060

#1	-.00012	.00009	.02567	-.00082	-.00023	.00002	.00038
#2	.00000	.00018	-.01874	-.00087	-.00005	-.00041	.00173
#3	-.00009	.00008	-.01711	-.00069	.00031	.00013	.00042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.01943	-.00032	-.00005	-.20933	-.00052	-.00088
Stddev	.00009	.04615	.00067	.00013	.00817	.00071	.00010
%RSD	59.597	237.53	208.94	276.52	3.9038	135.23	11.796

#1	-.00010	-.07112	-.00087	.00008	-.21169	-.00038	-.00080
#2	-.00010	-.00481	.00043	-.00018	-.21606	-.00129	-.00085
#3	-.00026	.01765	-.00053	-.00004	-.20024	.00010	-.00100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09807	.00110	.00071	-.00578	.00326	-.00029	-.00099
Stddev	.01993	.00037	.00664	.00429	.00261	.00035	.00182
%RSD	20.318	33.541	934.31	74.241	80.046	118.03	182.87

#1	-.11171	.00150	-.00226	-.00242	.00402	-.00068	-.00245
#2	-.07520	.00078	.00831	-.00431	.00036	-.00001	.00104
#3	-.10729	.00102	-.00392	-.01061	.00542	-.00019	-.00158

Sample Name: CCB06 Acquired: 8/16/2019 17:38:09 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15366 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.0008	.00009	F 7.5810	F<.00000
Stddev	.00203	.0016	.00006	.7288	3.0366
%RSD	144.44	195.4	70.550	9.6131	83.202
#1	.00103	.0004	.00005	8.2779	-5.4859
#2	-.00041	.0026	.00006	7.6409	-5.3186
#3	.00360	-.0005	.00017	6.8241	-.14465
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.9	21713.	2303.8	25.820	2122.8
Stddev	3.3	41.	20.2	.836	3.6
%RSD	.16067	.18677	.87484	3.2368	.16862
#1	2048.1	21681.	2281.5	24.855	2118.9
#2	2053.4	21701.	2320.7	26.310	2123.8
#3	2054.1	21759.	2309.2	26.295	2125.8

Sample Name: K3616-07MS Acquired: 8/16/2019 17:42:38 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82203	1.9827	.98641	2.0531	.82351	2.1900	.37592
Stddev	.00319	.0052	.00087	.0074	.00469	.0178	.00341
%RSD	.38840	.26299	.08834	.35912	.57004	.81227	.90721

#1	.82512	1.9875	.98655	2.0595	.82699	2.1709	.37361
#2	.81875	1.9835	.98720	2.0547	.82537	2.1931	.37431
#3	.82222	1.9771	.98547	2.0451	.81817	2.2061	.37984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20368	.20470	33.325	.42259	.21085	.32463	3.2382
Stddev	.00017	.00068	.239	.00071	.00057	.00110	.0159
%RSD	.08538	.33419	.71712	.16732	.26942	.33868	.49126

#1	.20348	.20547	33.050	.42184	.21102	.32513	3.2364
#2	.20378	.20446	33.443	.42324	.21022	.32337	3.2233
#3	.20379	.20417	33.483	.42268	.21132	.32539	3.2549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86378	3.7369	.51774	.07218	292.87	.32738	.26655
Stddev	.00154	.0604	.00116	.00076	1.61	.00271	.00011
%RSD	.17847	1.6156	.22455	1.0568	.55109	.82635	.04035

#1	.86293	3.8021	.51844	.07130	291.16	.32429	.26667
#2	.86286	3.7257	.51640	.07252	293.09	.32858	.26653
#3	.86556	3.6829	.51839	.07271	294.36	.32928	.26646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.628	.40821	.30628	.52266	2.2688	.70146	.20588
Stddev	.129	.00216	.01627	.00112	.0040	.00209	.00306
%RSD	1.1117	.53015	5.3117	.21369	.17705	.29865	1.4862

#1	11.525	.41070	.32265	.52395	2.2675	.70332	.20238
#2	11.587	.40676	.30606	.52207	2.2732	.69919	.20803
#3	11.773	.40717	.29012	.52195	2.2655	.70188	.20723

Sample Name: K3616-07MS Acquired: 8/16/2019 17:42:38 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11664	6.521	.39723	9.8035	F<.00000
Stddev	.00170	.007	.00201	.4305	3.4253
%RSD	1.4552	.1086	.50655	4.3908	129.15

#1	.11487	6.530	.39500	10.245	.47258
#2	.11825	6.517	.39775	9.3845	-2.1147
#3	.11680	6.518	.39892	9.7813	-6.3145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.2	21339.	2260.5	26.440	1934.1
Stddev	19.0	79.	8.1	.761	15.9
%RSD	.96290	.36859	.35904	2.8780	.82244

#1	1953.6	21248.	2253.0	26.811	1916.5
#2	1978.1	21384.	2259.4	25.565	1938.1
#3	1991.0	21385.	2269.1	26.945	1947.6

Sample Name: K3616-07MSD Acquired: 8/16/2019 17:46:47 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80188	1.9447	.97248	2.0050	.80432	2.1377	.36731
Stddev	.00616	.0056	.00013	.0046	.00185	.0228	.00376
%RSD	.76860	.28692	.01388	.23191	.23027	1.0657	1.0245

#1	.80734	1.9459	.97242	2.0011	.80231	2.1291	.36384
#2	.80311	1.9495	.97263	2.0102	.80472	2.1205	.36678
#3	.79519	1.9386	.97238	2.0037	.80595	2.1635	.37131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19980	.20054	32.614	.41381	.20560	.31861	3.1784
Stddev	.00031	.00074	.253	.00205	.00028	.00148	.0021
%RSD	.15747	.37020	.77461	.49556	.13856	.46529	.06693

#1	.19953	.20137	32.337	.41258	.20583	.31980	3.1799
#2	.20015	.20029	32.675	.41618	.20570	.31908	3.1760
#3	.19973	.19994	32.831	.41267	.20528	.31695	3.1794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84147	3.6986	.50560	.07052	284.74	.32011	.25871
Stddev	.00513	.0356	.00226	.00069	1.87	.00216	.00123
%RSD	.61000	.96220	.44648	.97619	.65814	.67450	.47711

#1	.84739	3.7044	.50751	.07058	282.59	.32057	.26012
#2	.83877	3.7310	.50619	.07117	285.62	.32199	.25814
#3	.83825	3.6605	.50311	.06980	286.01	.31775	.25786

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.341	.39862	.30005	.50276	2.2209	.68709	.20429
Stddev	.225	.00171	.01996	.00622	.0275	.00250	.00066
%RSD	1.9819	.42851	6.6508	1.2370	1.2367	.36325	.32202

#1	11.156	.39988	.31147	.50354	2.2488	.68954	.20368
#2	11.275	.39930	.31166	.50856	2.2202	.68718	.20419
#3	11.591	.39668	.27700	.49619	2.1938	.68455	.20498

Sample Name: K3616-07MSD Acquired: 8/16/2019 17:46:47 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11434	6.358	.38731	9.7791	F<.00000
Stddev	.00067	.016	.00220	.3661	3.4732
%RSD	.58702	.2585	.56886	3.7436	55.461
#1	.11357	6.368	.38505	9.4075	-9.6523
#2	.11463	6.367	.38741	9.7902	-2.7116
#3	.11481	6.339	.38946	10.139	-6.4231
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.5	21723.	2293.6	26.500	1954.2
Stddev	2.8	70.	19.6	.636	3.1
%RSD	.13915	.32379	.85464	2.3994	.15845
#1	1991.6	21645.	2275.0	26.070	1952.2
#2	1988.7	21743.	2291.8	26.200	1952.6
#3	1994.3	21781.	2314.0	27.230	1957.8

Sample Name: K3616-07A Acquired: 8/16/2019 17:50:56 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80363	1.9485	.96462	2.0178	.80425	2.1360	.36749
Stddev	.00264	.0078	.00263	.0011	.00296	.0252	.00359
%RSD	.32865	.39918	.27278	.05236	.36862	1.1779	.97629
#1	.80656	1.9486	.96758	2.0169	.80562	2.1083	.36346
#2	.80289	1.9408	.96253	2.0176	.80084	2.1424	.36865
#3	.80143	1.9563	.96376	2.0190	.80628	2.1574	.37035
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19976	.20085	32.779	.41460	.20682	.31899	3.1825
Stddev	.00057	.00003	.064	.00137	.00040	.00148	.0032
%RSD	.28656	.01565	.19474	.33007	.19187	.46390	.10096
#1	.19984	.20086	32.712	.41481	.20672	.31940	3.1851
#2	.19916	.20081	32.789	.41313	.20726	.31735	3.1789
#3	.20029	.20087	32.838	.41585	.20648	.32022	3.1835
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84679	3.6211	.50960	.07163	286.40	.32017	.26009
Stddev	.00048	.0783	.00097	.00087	2.75	.00027	.00020
%RSD	.05615	2.1629	.19067	1.2205	.95994	.08383	.07566
#1	.84725	3.5337	.50862	.07068	283.24	.31987	.25998
#2	.84681	3.6849	.50961	.07241	287.74	.32023	.25996
#3	.84630	3.6447	.51056	.07179	288.22	.32040	.26031
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.466	.39875	.30658	.50837	2.2357	.68869	.20351
Stddev	.105	.00042	.00739	.00454	.0141	.00122	.00241
%RSD	.91302	.10651	2.4092	.89207	.63069	.17785	1.1852
#1	11.349	.39878	.30036	.51291	2.2510	.68896	.20573
#2	11.549	.39831	.30464	.50384	2.2233	.68976	.20095
#3	11.501	.39915	.31474	.50838	2.2328	.68736	.20387

Sample Name: K3616-07A Acquired: 8/16/2019 17:50:56 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB8482 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11470	6.385	.39035	8.0501	F<.00000
Stddev	.00098	.013	.00039	.6429	3.2823
%RSD	.85442	.2017	.09983	7.9864	74.461

#1	.11390	6.399	.38998	8.7725	-7.6539
#2	.11441	6.375	.39033	7.8370	-4.4799
#3	.11579	6.381	.39076	7.5407	-1.0905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.2	21749.	2293.1	25.801	1964.3
Stddev	7.2	111.	25.5	.593	8.0
%RSD	.35737	.51193	1.1112	2.3000	.40765

#1	2009.9	21661.	2265.7	25.410	1973.5
#2	2003.9	21711.	2297.6	26.484	1959.2
#3	1995.7	21874.	2316.1	25.510	1960.1

Sample Name: K3616-14 Acquired: 8/16/2019 17:55:05 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00282	.00520	.00157	.00009	.18913	.08903
Stddev	.00314	.00065	.00178	.00268	.00080	.01198	.00123
%RSD	430.00	22.880	34.250	170.97	939.04	6.3369	1.3816

#1	.00260	-.00209	.00680	-.00151	-.00080	.18542	.08833
#2	-.00363	-.00332	.00554	.00339	.00029	.17944	.09045
#3	-.00116	-.00304	.00328	.00282	.00076	.20253	.08832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00010	24.615	-.00009	.00064	.00865	.88397
Stddev	.00005	.00005	.202	.00067	.00015	.00079	.00386
%RSD	118.37	50.545	.82262	715.57	22.680	9.1529	.43696

#1	.00002	.00016	24.389	.00006	.00061	.00927	.88777
#2	.00001	.00008	24.675	.00048	.00051	.00893	.88409
#3	.00009	.00007	24.781	-.00082	.00080	.00776	.88005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21817	3.0300	.00116	-.00005	263.15	-.00061	.02823
Stddev	.00100	.0463	.00011	.00062	1.86	.00042	.00009
%RSD	.45969	1.5274	9.9064	1306.4	.70807	68.557	.32871

#1	.21910	2.9779	.00128	.00000	261.18	-.00049	.02832
#2	.21831	3.0664	.00114	-.00069	263.38	-.00108	.02825
#3	.21711	3.0456	.00105	.00055	264.89	-.00027	.02813

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45426	.00003	.01097	.41787	.89675	-.00234	.00193
Stddev	.03957	.00046	.02019	.00551	.00168	.00140	.00173
%RSD	8.7099	1706.4	184.07	1.3181	.18782	59.874	89.692

#1	.44842	.00049	-.00959	.42003	.89844	-.00073	.00242
#2	.41794	.00002	.03076	.42197	.89507	-.00326	.00001
#3	.49642	-.00043	.01174	.41161	.89673	-.00303	.00337

Sample Name: K3616-14 Acquired: 8/16/2019 17:55:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00215	.0049	.09709	7.1426	F<.00000
Stddev	.00134	.0004	.00076	.5269	.96658
%RSD	62.406	8.887	.78740	7.3764	24.522

#1	.00099	.0044	.09628	7.6152	-4.4961
#2	.00362	.0053	.09717	6.5745	-4.5033
#3	.00184	.0050	.09781	7.2379	-2.8256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.2	21871.	2337.9	25.436	1974.2
Stddev	5.0	51.	9.1	1.097	5.5
%RSD	.24830	.23323	.38860	4.3126	.28022

#1	2013.9	21818.	2329.6	25.424	1979.7
#2	2006.5	21877.	2347.6	24.345	1968.6
#3	2004.3	21919.	2336.5	26.539	1974.2

Sample Name: K3616-17 Acquired: 8/16/2019 17:59:30 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00271	.01256	-.00072	.00009	.14744	.18822
Stddev	.00282	.00153	.00124	.00062	.00034	.00251	.00137
%RSD	584.25	56.503	9.8479	85.259	365.11	1.7057	.72643

#1	-.00075	-.00228	.01350	-.00052	.00005	.14772	.18737
#2	.00370	-.00144	.01301	-.00141	.00046	.14981	.18980
#3	-.00150	-.00441	.01116	-.00023	-.00022	.14480	.18749

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00115	64.211	-.00123	.00525	.01588	.03047
Stddev	.00012	.00010	.457	.00036	.00022	.00024	.00153
%RSD	70.328	8.7219	.71181	29.142	4.2808	1.5012	5.0327

#1	.00017	.00125	63.705	-.00110	.00542	.01612	.03006
#2	.00005	.00106	64.335	-.00163	.00500	.01586	.03216
#3	.00030	.00114	64.593	-.00095	.00534	.01564	.02918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2267	6.3471	.00442	-.00045	308.18	-.00388	.07685
Stddev	.0040	.0376	.00018	.00110	.85	.00067	.00012
%RSD	.32346	.59201	4.1007	243.16	.27563	17.259	.15202

#1	1.2312	6.3075	.00424	.00045	308.22	-.00441	.07694
#2	1.2250	6.3822	.00442	-.00012	307.31	-.00313	.07691
#3	1.2238	6.3516	.00460	-.00168	309.01	-.00411	.07672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0798	-.00026	.02114	.85848	1.8455	-.00138	-.00236
Stddev	.0447	.00014	.01116	.00288	.0116	.00064	.00041
%RSD	4.1417	55.584	52.783	.33559	.62637	46.452	17.305

#1	1.1300	-.00042	.02840	.86112	1.8483	-.00073	-.00210
#2	1.0653	-.00022	.00829	.85541	1.8328	-.00139	-.00215
#3	1.0441	-.00014	.02673	.85890	1.8554	-.00201	-.00283

Sample Name: K3616-17 Acquired: 8/16/2019 17:59:30 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: JC-03-081519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00441	.0021	.24048	8.0108	F<.00000
Stddev	.00062	.0005	.00143	.2360	1.9192
%RSD	14.019	23.99	.59403	2.9465	34.895
#1	.00388	.0026	.23889	7.9840	-3.5216
#2	.00427	.0019	.24090	8.2591	-5.6246
#3	.00509	.0017	.24165	7.7893	-7.3540
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.5	21690.	2346.3	26.710	1948.3
Stddev	3.1	173.	5.8	.845	3.0
%RSD	.15796	.79910	.24784	3.1647	.15148
#1	1989.8	21490.	2340.7	27.665	1950.6
#2	1983.6	21792.	2352.3	26.407	1945.0
#3	1986.2	21788.	2345.7	26.058	1949.4

Sample Name: K4090-12 Acquired: 8/16/2019 18:03:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-081519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00097	.00334	.00107	-.00132	.12658	.13965
Stddev	.00082	.00154	.00190	.00324	.00392	.01546	.00133
%RSD	155.47	157.89	56.772	301.66	296.84	12.216	.95163

#1	.00148	.00019	.00504	.00307	.00241	.14309	.13816
#2	.00013	-.00039	.00129	.00282	-.00097	.12422	.14072
#3	-.00001	-.00272	.00368	-.00266	-.00541	.11244	.14007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00028	78.242	-.00146	.00274	.00457	.34499
Stddev	.00002	.00007	.229	.00008	.00028	.00017	.00251
%RSD	40.486	24.524	.29296	5.1945	10.153	3.7431	.72751

#1	-.00003	.00023	77.977	-.00144	.00297	.00439	.34494
#2	-.00003	.00025	78.379	-.00140	.00281	.00459	.34251
#3	-.00006	.00035	78.369	-.00155	.00243	.00474	.34753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0495	4.7183	.00047	-.00101	301.59	-.00388	.03021
Stddev	.0014	.0170	.00012	.00043	2.05	.00058	.00014
%RSD	.13054	.35936	25.786	42.320	.68090	14.919	.45505

#1	1.0494	4.7321	.00046	-.00086	299.66	-.00420	.03008
#2	1.0482	4.7235	.00059	-.00068	303.75	-.00422	.03035
#3	1.0510	4.6994	.00035	-.00149	301.35	-.00321	.03021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69824	.00001	.01034	.20188	.39064	-.00194	-.00217
Stddev	.02421	.00053	.02413	.00492	.00300	.00104	.00357
%RSD	3.4668	10158.	233.23	2.4369	.76783	53.856	164.68

#1	.68536	-.00046	-.00538	.20119	.38785	-.00303	-.00276
#2	.72616	.00058	-.00171	.20711	.39381	-.00183	.00166
#3	.68319	-.00011	.03812	.19734	.39025	-.00095	-.00540

Sample Name: K4090-12 Acquired: 8/16/2019 18:03:55 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: OR-02-081519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00373	.0018	.33770	9.6120	F<.00000
Stddev	.00078	.0025	.00058	1.5743	4.6587
%RSD	20.891	134.8	.17182	16.378	30.522

#1	.00325	.0006	.33731	10.298	-10.534
#2	.00331	.0002	.33743	10.727	-15.409
#3	.00463	.0047	.33837	7.8111	-19.848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.0	21838.	2350.0	25.797	1945.6
Stddev	7.3	119.	17.6	.742	3.0
%RSD	.36574	.54671	.74809	2.8761	.15477

#1	1986.9	21769.	2329.7	25.354	1944.0
#2	2001.5	21768.	2360.8	25.384	1949.1
#3	1993.8	21976.	2359.4	26.654	1943.8

Sample Name: K4371-01 Acquired: 8/16/2019 18:08:21 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: VNJ-222 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	-.00391	-.00009	.00308	.00018	.13943	.12456
Stddev	.00143	.00085	.00218	.00488	.00268	.02965	.00067
%RSD	49.072	21.618	2505.6	158.37	1474.9	21.262	.53456

#1	-.00326	-.00325	-.00198	.00157	.00272	.11465	.12379
#2	-.00412	-.00487	-.00057	.00853	-.00262	.13137	.12491
#3	-.00134	-.00362	.00230	-.00086	.00045	.17227	.12497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00061	7.2928	-.00217	.00903	.01121	.17158
Stddev	.00005	.00011	.0849	.00029	.00035	.00065	.00087
%RSD	65.502	18.265	1.1640	13.335	3.8539	5.7929	.50454

#1	.00004	.00064	7.1951	-.00242	.00868	.01054	.17187
#2	.00004	.00069	7.3348	-.00222	.00905	.01123	.17227
#3	.00012	.00048	7.3485	-.00185	.00937	.01184	.17061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0789	2.0106	.00223	.00049	287.32	-.00678	.07086
Stddev	.0078	.0380	.00018	.00043	.84	.00012	.00013
%RSD	.37309	1.8884	7.9832	87.655	.29177	1.8051	.18285

#1	2.0774	1.9681	.00243	.00091	286.48	-.00668	.07082
#2	2.0872	2.0226	.00208	.00051	288.16	-.00675	.07076
#3	2.0720	2.0411	.00219	.00005	287.34	-.00692	.07100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20975	-.00010	.00780	.36451	.62951	-.00166	.00196
Stddev	.02192	.00032	.01761	.00308	.00191	.00036	.00127
%RSD	10.449	323.57	225.85	.84437	.30289	21.816	65.112

#1	.21961	.00002	.00856	.36104	.63089	-.00138	.00055
#2	.18464	-.00046	.02502	.36692	.63030	-.00153	.00230
#3	.22501	.00015	-.01018	.36556	.62734	-.00206	.00302

Sample Name: K4371-01 Acquired: 8/16/2019 18:08:21 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: VNJ-222 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00396	.0046	.03750	7.8420	F<.00000
Stddev	.00046	.0018	.00033	.4985	2.4292
%RSD	11.613	38.46	.87877	6.3572	60.858

#1	.00377	.0042	.03725	8.4085	-6.7961
#2	.00449	.0031	.03738	7.6475	-2.5465
#3	.00362	.0066	.03787	7.4701	-2.6321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.5	21959.	2359.5	25.603	1991.1
Stddev	9.5	162.	8.8	1.986	7.4
%RSD	.47124	.73805	.37209	7.7567	.37011

#1	2009.9	21795.	2350.0	27.850	1985.8
#2	2008.2	21963.	2361.2	24.875	1988.0
#3	2025.4	22119.	2367.3	24.083	1999.5

Sample Name: K4372-02 Acquired: 8/16/2019 18:12:48 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-COMPOSI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	-.00231	.01084	.00588	.00080	.07115	.37724
Stddev	.00414	.00135	.00103	.00517	.00201	.00453	.00375
%RSD	163.73	58.608	9.5356	87.958	251.91	6.3670	.99470

#1	.00022	-.00210	.01027	.00227	-.00114	.06938	.37423
#2	.00731	-.00107	.01204	.00356	.00287	.07629	.37605
#3	.00006	-.00376	.01022	.01180	.00066	.06776	.38145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00017	83.758	.00753	.00857	.01657	15.894
Stddev	.00009	.00011	.263	.00024	.00044	.00008	.022
%RSD	72.637	64.475	.31422	3.1418	5.0768	.48278	.13717

#1	-.00003	-.00022	83.584	.00736	.00908	.01665	15.890
#2	-.00014	-.00025	84.061	.00780	.00832	.01649	15.875
#3	-.00021	-.00005	83.629	.00742	.00832	.01658	15.918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94219	8.6401	.02594	.00059	305.52	-.00089	.39143
Stddev	.00436	.1436	.00054	.00042	2.31	.00152	.00087
%RSD	.46253	1.6622	2.0934	72.134	.75641	170.20	.22203

#1	.94353	8.5724	.02656	.00107	303.36	.00019	.39074
#2	.93732	8.5428	.02570	.00025	305.24	-.00024	.39241
#3	.94573	8.8050	.02556	.00045	307.96	-.00262	.39115

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1321	.00035	.04775	1.1033	.86089	-.00153	-.00095
Stddev	.0100	.00028	.01355	.0021	.00662	.00026	.00322
%RSD	.88514	80.508	28.381	.18886	.76862	16.997	337.48

#1	1.1437	.00003	.03229	1.1024	.86808	-.00170	-.00351
#2	1.1264	.00054	.05759	1.1019	.85952	-.00123	.00266
#3	1.1262	.00047	.05336	1.1057	.85506	-.00166	-.00202

Sample Name: K4372-02 Acquired: 8/16/2019 18:12:48 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SOIL-COMPOSI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00532	.0077	.29349	8.3717	F<.00000
Stddev	.00117	.0007	.00055	.5556	4.5082
%RSD	21.993	9.663	.18898	6.6370	122.88

#1	.00556	.0076	.29343	8.9713	-8.8623
#2	.00405	.0070	.29297	8.2696	-.76187
#3	.00635	.0085	.29408	7.8742	-1.3827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.6	21692.	2354.1	26.625	1944.1
Stddev	1.8	58.	21.8	.557	3.4
%RSD	.09312	.26888	.92617	2.0921	.17360

#1	1981.5	21626.	2333.2	26.122	1945.1
#2	1984.1	21717.	2352.5	27.224	1940.4
#3	1985.1	21734.	2376.7	26.529	1946.9

Sample Name: K4375-02 Acquired: 8/16/2019 18:17:12 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-31S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00221	-.00016	.00571	-.00035	.05586	1.0052
Stddev	.00324	.00267	.00043	.00110	.00293	.01381	.0118
%RSD	1787.2	120.49	259.99	19.192	833.98	24.722	1.1685

#1	-.00085	.00081	-.00018	.00446	.00063	.06345	.99650
#2	-.00303	-.00424	-.00058	.00617	-.00364	.03992	1.0005
#3	.00334	-.00321	.00027	.00650	.00196	.06421	1.0186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00015	142.35	-.00129	-.00034	.00165	-.00339
Stddev	.00006	.00002	.63	.00064	.00011	.00068	.00111
%RSD	43.928	16.678	.44242	49.863	33.224	41.262	32.668

#1	-.00006	.00015	141.84	-.00196	-.00022	.00181	-.00310
#2	-.00016	.00012	142.16	-.00068	-.00045	.00223	-.00246
#3	-.00016	.00016	143.05	-.00122	-.00035	.00090	-.00462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00555	17.887	-.00218	-.00014	304.35	.01150	.00758
Stddev	.00009	.179	.00041	.00009	2.79	.00040	.00013
%RSD	1.5833	1.0018	18.687	66.980	.91617	3.4848	1.7494

#1	.00548	17.796	-.00215	-.00010	302.37	.01164	.00750
#2	.00565	17.771	-.00179	-.00007	303.15	.01105	.00773
#3	.00552	18.093	-.00261	-.00024	307.54	.01181	.00751

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1819	.00548	.16655	4.5337	5.2654	-.00335	-.00312
Stddev	.0142	.00055	.01279	.0088	.0165	.00094	.00267
%RSD	1.1994	9.9595	7.6782	.19355	.31374	27.948	85.326

#1	1.1757	.00489	.17993	4.5413	5.2463	-.00250	-.00614
#2	1.1720	.00597	.15445	4.5356	5.2751	-.00436	-.00106
#3	1.1982	.00558	.16526	4.5241	5.2747	-.00320	-.00218

Sample Name: K4375-02 Acquired: 8/16/2019 18:17:12 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-31S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00761	-.0005	.36593	8.8289	F<.00000
Stddev	.00178	.0026	.00151	.6409	5.6215
%RSD	23.335	477.9	.41132	7.2587	58.136

#1	.00559	.0020	.36444	9.4836	-3.2719
#2	.00893	-.0005	.36590	8.8002	-13.819
#3	.00831	-.0032	.36745	8.2029	-11.919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.7	21663.	2327.9	25.620	1946.3
Stddev	4.1	54.	13.8	1.661	1.2
%RSD	.20887	.24742	.59345	6.4824	.05927

#1	1975.8	21602.	2313.3	27.458	1947.1
#2	1981.2	21705.	2329.8	24.227	1946.9
#3	1973.1	21681.	2340.7	25.175	1945.0

Sample Name: K4375-04 Acquired: 8/16/2019 18:21:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	-.00186	.05098	.00180	.00920	.08225	1.4200	-.00010
Stddev	.00236	.00275	.00110	.00305	.00320	.00634	.0086	.00009
%RSD	54.751	147.88	2.1532	168.92	34.818	7.7050	.60577	90.367

#1	.00189	-.00279	.04972	.00456	.00795	.07568	1.4170	-.00015
#2	.00660	.00124	.05172	-.00147	.00682	.08274	1.4296	-.00016
#3	.00442	-.00403	.05149	.00232	.01284	.08833	1.4132	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	91.516	-.00234	.02326	.02823	33.170	1.1352	2.9289
Stddev	.00012	.578	.00076	.00040	.00068	.107	.0097	.0315
%RSD	13.189	.63160	32.540	1.7044	2.4133	.32187	.85290	1.0743

#1	-.00094	90.860	-.00304	.02291	.02844	33.269	1.1450	2.9600
#2	-.00100	91.952	-.00153	.02369	.02747	33.185	1.1351	2.8971
#3	-.00077	91.735	-.00244	.02319	.02878	33.057	1.1256	2.9296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11909	.00176	338.54	-.00184	.29280	1.4916	-.00074	.07538
Stddev	.00061	.00034	.83	.00062	.00049	.0441	.00035	.00470
%RSD	.51047	19.404	.24438	33.937	.16716	2.9594	47.096	6.2387

#1	.11842	.00143	339.49	-.00174	.29261	1.4415	-.00039	.07829
#2	.11961	.00174	338.03	-.00251	.29242	1.5086	-.00108	.07790
#3	.11924	.00211	338.09	-.00127	.29335	1.5248	-.00074	.06996

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6402	2.2884	-.00183	-.00188	.00857	.0059	.55342	7.3831
Stddev	.0037	.0175	.00115	.00364	.00079	.0013	.00259	.4251
%RSD	.22551	.76475	63.126	193.47	9.2090	22.00	.46712	5.7577

#1	1.6360	2.3078	-.00316	-.00251	.00774	.0067	.55407	6.8923
#2	1.6430	2.2736	-.00118	-.00516	.00868	.0044	.55057	7.6227
#3	1.6416	2.2839	-.00114	.00203	.00931	.0066	.55562	7.6343

Sample Name: K4375-04 Acquired: 8/16/2019 18:21:36 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-30S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .79779
 Stddev 1.7315
 %RSD 217.04

#1 -1.1308
 #2 1.3056
 #3 2.2186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.0	21823.	2364.4	25.686	1950.9
Stddev	8.5	219.	23.3	1.188	7.7
%RSD	.42337	1.0028	.98692	4.6250	.39293

#1	1988.3	21582.	2339.5	24.320	1942.2
#2	2002.1	21877.	2385.8	26.481	1954.1
#3	2003.6	22009.	2367.9	26.256	1956.5

Sample Name: CCV07 Acquired: 8/16/2019 18:26:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1282	5.1307	4.9529	5.1874	5.1063	10.040	10.171	.25616
Stddev	.0075	.0124	.0127	.0105	.0166	.109	.041	.00086
%RSD	.14668	.24084	.25732	.20265	.32558	1.0879	.40526	.33409
#1	5.1258	5.1194	4.9479	5.1966	5.0972	9.9395	10.126	.25703
#2	5.1366	5.1439	4.9674	5.1897	5.1255	10.025	10.180	.25532
#3	5.1222	5.1288	4.9434	5.1759	5.0962	10.156	10.207	.25612
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5393	25.865	1.0213	2.5315	1.2719	5.2019	2.5270	25.581
Stddev	.0050	.163	.0049	.0045	.0037	.0136	.0047	.153
%RSD	.19519	.63046	.47607	.17602	.29016	.26097	.18751	.59641
#1	2.5345	25.677	1.0235	2.5306	1.2699	5.1951	2.5325	25.406
#2	2.5444	25.963	1.0157	2.5364	1.2762	5.1931	2.5244	25.649
#3	2.5391	25.955	1.0247	2.5276	1.2697	5.2175	2.5241	25.688
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5581	1.2692	25.444	2.5662	2.4944	24.934	5.0596	5.0374
Stddev	.0053	.0029	.132	.0049	.0058	.061	.0119	.0882
%RSD	.20712	.22967	.52032	.19116	.23196	.24479	.23554	1.7508
#1	2.5525	1.2693	25.345	2.5620	2.4900	24.986	5.0512	4.9432
#2	2.5590	1.2663	25.393	2.5650	2.5010	24.950	5.0732	5.0511
#3	2.5630	1.2721	25.594	2.5716	2.4923	24.867	5.0543	5.1180
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0068	4.9946	5.0509	5.0899	4.7008	5.269	5.1550	F 6.9707
Stddev	.0146	.0190	.0107	.0196	.0084	.006	.0224	.2546
%RSD	.29164	.38090	.21200	.38539	.17849	.1118	.43468	3.6517
#1	4.9911	5.0034	5.0422	5.0678	4.7011	5.266	5.1513	6.7297
#2	5.0199	5.0076	5.0629	5.1052	4.7090	5.276	5.1791	7.2370
#3	5.0095	4.9728	5.0478	5.0967	4.6922	5.265	5.1347	6.9455

Sample Name: CCV07 Acquired: 8/16/2019 18:26:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0226
Stddev 4.0698
%RSD 398.00

#1 2.4581
#2 -3.5704
#3 4.1800

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.2	22221.	2370.2	26.457	1968.6
Stddev	6.4	28.	17.7	1.197	6.4
%RSD	.31351	.12720	.74886	4.5257	.32421

#1	2038.0	22189.	2356.5	27.839	1974.0
#2	2025.3	22237.	2363.8	25.733	1961.6
#3	2033.2	22238.	2390.2	25.800	1970.4

Sample Name: CCB07 Acquired: 8/16/2019 18:30:04 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	.00087	-.00133	-.00018	.00101	-.00374	.00122
Stddev	.00402	.00125	.00060	.00215	.00096	.01736	.00023
%RSD	99.094	143.87	44.799	1205.2	95.776	463.70	19.149

#1	.00588	-.00044	-.00156	.00226	.00205	-.02296	.00141
#2	.00683	.00205	-.00177	-.00099	.00015	.01079	.00128
#3	-.00055	.00100	-.00065	-.00181	.00082	.00095	.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00013	.02832	-.00065	-.00012	-.00056	.00063
Stddev	.00005	.00004	.02943	.00004	.00007	.00048	.00077
%RSD	2739.1	28.492	103.91	6.9635	54.701	84.836	121.01

#1	.00005	.00017	.00864	-.00065	-.00017	-.00111	.00049
#2	.00001	.00014	.01418	-.00060	-.00005	-.00020	-.00005
#3	-.00006	.00009	.06215	-.00069	-.00015	-.00038	.00146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.05298	.00020	.00005	-.03365	-.00040	-.00091
Stddev	.00001	.06579	.00028	.00045	.00631	.00080	.00013
%RSD	9.0964	124.17	137.91	851.11	18.755	198.10	14.704

#1	-.00010	-.11635	.00020	.00021	-.02745	-.00086	-.00080
#2	-.00010	-.05757	-.00008	-.00045	-.03343	-.00086	-.00087
#3	-.00008	.01498	.00049	.00040	-.04007	.00052	-.00106

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09721	.00114	-.00469	-.00898	.00095	-.00248	-.00131
Stddev	.05940	.00036	.00758	.00355	.00161	.00116	.00168
%RSD	61.112	31.626	161.62	39.477	170.30	46.854	128.79

#1	-.11606	.00151	-.00937	-.01164	-.00046	-.00344	-.00295
#2	-.14489	.00111	.00405	-.01035	.00271	-.00281	-.00137
#3	-.03066	.00079	-.00874	-.00496	.00060	-.00119	.00041

Sample Name: CCB07 Acquired: 8/16/2019 18:30:04 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00450	-.0029	.00007	F 4.4555	F<.00000
Stddev	.00067	.0007	.00017	.3004	3.7875
%RSD	14.923	23.12	234.21	6.7419	92.940

#1	.00516	-.0026	.00016	4.5980	-1.6367
#2	.00453	-.0036	.00018	4.1104	-8.4385
#3	.00382	-.0024	-.00013	4.6582	-2.1503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.8	22120.	2350.8	26.133	2144.9
Stddev	5.7	148.	1.9	.658	4.2
%RSD	.27319	.66780	.08104	2.5161	.19394

#1	2073.1	22108.	2351.7	26.545	2140.8
#2	2084.1	21978.	2352.0	26.480	2149.2
#3	2076.2	22273.	2348.6	25.375	2144.7

Sample Name: K4375-06 Acquired: 8/16/2019 18:34:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-29S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01254	-.00202	.01552	.00355	.00261	.05249	.84998
Stddev	.00082	.00094	.00372	.00334	.00035	.01069	.00750
%RSD	6.5388	46.626	23.973	93.959	13.343	20.358	.88242

#1	.01201	-.00205	.01122	.00120	.00222	.06469	.84234
#2	.01348	-.00295	.01754	.00737	.00272	.04480	.85027
#3	.01212	-.00107	.01778	.00208	.00289	.04797	.85733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00036	79.043	-.00236	.00857	.01241	13.697
Stddev	.00004	.00008	.309	.00017	.00018	.00058	.026
%RSD	58.433	22.117	.39033	7.2675	2.0660	4.6582	.18698

#1	-.00004	-.00028	78.713	-.00218	.00864	.01241	13.717
#2	-.00005	-.00043	79.089	-.00239	.00836	.01184	13.705
#3	-.00010	-.00036	79.325	-.00251	.00870	.01299	13.668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58107	4.3706	.14459	.00023	291.37	-.00096	.29292
Stddev	.00225	.0851	.00002	.00060	2.26	.00090	.00051
%RSD	.38707	1.9478	.01134	255.26	.77498	94.055	.17494

#1	.58329	4.3938	.14459	.00046	289.27	.00007	.29281
#2	.57879	4.2763	.14458	-.00044	291.08	-.00130	.29247
#3	.58111	4.4417	.14461	.00069	293.76	-.00163	.29348

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7976	-.00003	.06726	1.3663	1.0585	-.00182	-.00147
Stddev	.0548	.00053	.01183	.0027	.0106	.00048	.00135
%RSD	3.0460	2005.2	17.590	.19404	1.0002	26.473	91.791

#1	1.7432	.00047	.07598	1.3668	1.0682	-.00140	-.00186
#2	1.7967	.00002	.07200	1.3634	1.0602	-.00172	.00003
#3	1.8527	-.00058	.05379	1.3686	1.0472	-.00235	-.00258

Sample Name: K4375-06 Acquired: 8/16/2019 18:34:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-29S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00823	.0123	.49150	8.3237	F<.00000
Stddev	.00073	.0003	.00090	.2484	2.5988
%RSD	8.9302	2.141	.18347	2.9837	31.552

#1	.00740	.0126	.49062	8.1942	-10.692
#2	.00881	.0121	.49146	8.1669	-8.5037
#3	.00848	.0123	.49242	8.6101	-5.5145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.1	21644.	2340.4	26.995	1956.4
Stddev	8.7	75.	17.5	.926	6.5
%RSD	.43639	.34824	.74720	3.4298	.33133

#1	1987.1	21569.	2320.9	27.562	1954.2
#2	1985.0	21720.	2345.6	27.497	1951.3
#3	2001.0	21644.	2354.7	25.927	1963.7

Sample Name: K4375-08 Acquired: 8/16/2019 18:38:57 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-28S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01105	-.00140	.10255	-.00183	.00618	.14326	.62655
Stddev	.00276	.00146	.00082	.00287	.00119	.02143	.00557
%RSD	24.945	104.51	.79578	156.92	19.300	14.956	.88955

#1	.01407	.00027	.10231	.00133	.00564	.16538	.62326
#2	.00866	-.00245	.10346	-.00253	.00755	.12260	.62342
#3	.01044	-.00200	.10188	-.00429	.00535	.14182	.63299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00019	32.668	-.00031	.00788	.01058	11.812
Stddev	.00000	.00003	.268	.00041	.00049	.00042	.040
%RSD	6.7993	15.174	.81992	134.08	6.2068	3.9291	.34115

#1	-.00006	-.00021	32.482	-.00048	.00820	.01011	11.793
#2	-.00006	-.00021	32.547	.00016	.00732	.01091	11.786
#3	-.00007	-.00016	32.975	-.00061	.00813	.01072	11.859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99308	3.1291	.02256	.00024	301.53	-.00109	.46042
Stddev	.00495	.0293	.00061	.00012	3.23	.00087	.00092
%RSD	.49882	.93498	2.7192	51.445	1.0705	79.355	.20031

#1	.98954	3.1385	.02322	.00036	299.53	-.00056	.46133
#2	.99097	3.1526	.02202	.00011	299.80	-.00062	.46046
#3	.99874	3.0963	.02243	.00024	305.25	-.00209	.45948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7388	-.00000	.08970	1.1578	1.4384	-.00208	.00163
Stddev	.0314	.00041	.01751	.0038	.0064	.00121	.00206
%RSD	1.8063	11607.	19.517	.32715	.44458	58.074	126.34

#1	1.7285	-.00010	.07965	1.1611	1.4457	-.00345	.00340
#2	1.7741	.00045	.07955	1.1537	1.4342	-.00163	-.00064
#3	1.7138	-.00035	.10992	1.1587	1.4352	-.00116	.00214

Sample Name: K4375-08 Acquired: 8/16/2019 18:38:57 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-28S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00517	.1521	.21160	7.2175	F<.00000
Stddev	.00034	.0007	.00139	.2931	5.4499
%RSD	6.4874	.4739	.65829	4.0616	61.540

#1	.00505	.1523	.21005	7.5554	-14.891
#2	.00555	.1512	.21200	7.0325	-7.3822
#3	.00491	.1526	.21275	7.0644	-4.2944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.0	21807.	2342.5	26.114	1979.8
Stddev	8.2	130.	15.0	.510	6.4
%RSD	.41051	.59412	.64216	1.9542	.32294

#1	2007.4	21720.	2325.3	26.195	1977.5
#2	1997.2	21956.	2348.9	25.568	1974.8
#3	2013.5	21746.	2353.2	26.579	1987.0

Sample Name: K4375-10 Acquired: 8/16/2019 18:43:21 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-27S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02366	-.00197	.00062	.00487	.00012	.09529	.36056
Stddev	.00137	.00049	.00286	.00171	.00056	.01887	.00449
%RSD	5.7898	25.009	458.75	35.203	461.25	19.800	1.2464

#1	.02316	-.00144	-.00221	.00289	-.00039	.10790	.35644
#2	.02520	-.00241	.00352	.00587	.00072	.07360	.35988
#3	.02260	-.00206	.00057	.00585	.00003	.10437	.36535

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00032	67.017	-.00191	.00239	.01292	13.442
Stddev	.00007	.00006	.518	.00034	.00030	.00023	.015
%RSD	63.707	17.687	.77261	17.583	12.469	1.8110	.10915

#1	-.00003	-.00038	66.420	-.00230	.00236	.01296	13.425
#2	-.00015	-.00028	67.345	-.00174	.00270	.01267	13.449
#3	-.00016	-.00029	67.285	-.00169	.00211	.01313	13.452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80985	9.6111	.01013	.00056	327.39	-.00090	.21766
Stddev	.00417	.1541	.00065	.00034	3.39	.00039	.00047
%RSD	.51436	1.6031	6.3855	60.370	1.0343	42.948	.21377

#1	.80638	9.4339	.01012	.00089	323.80	-.00134	.21727
#2	.80869	9.6864	.00948	.00021	327.83	-.00070	.21817
#3	.81447	9.7132	.01078	.00059	330.53	-.00065	.21754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0694	-.00038	.12054	2.4409	1.7626	-.00220	-.00163
Stddev	.1138	.00037	.02192	.0034	.0212	.00084	.00212
%RSD	3.7073	96.655	18.183	.13771	1.2040	38.161	129.81

#1	2.9528	-.00059	.14018	2.4447	1.7786	-.00146	-.00363
#2	3.0751	.00004	.12454	2.4394	1.7708	-.00311	-.00184
#3	3.1802	-.00060	.09689	2.4385	1.7386	-.00203	.00058

Sample Name: K4375-10 Acquired: 8/16/2019 18:43:21 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-27S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00673	.0910	.38060	7.6084	F<.00000
Stddev	.00089	.0014	.00271	.7863	2.0096
%RSD	13.247	1.573	.71108	10.334	28.627

#1	.00628	.0919	.37776	7.7099	-7.8558
#2	.00776	.0917	.38315	8.3389	-8.4769
#3	.00616	.0894	.38090	6.7763	-4.7273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.8	21900.	2372.1	26.832	1971.9
Stddev	14.0	17.	21.9	.520	16.4
%RSD	.69572	.07733	.92256	1.9397	.83169

#1	2001.4	21918.	2357.6	26.856	1954.8
#2	2020.3	21897.	2361.5	26.299	1973.4
#3	2028.8	21885.	2397.3	27.340	1987.5

Sample Name: K4377-02 Acquired: 8/16/2019 18:47:45 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RBR-50 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00224	.00704	-.00010	.00263	.07195	.34465
Stddev	.00304	.00040	.00054	.00418	.00086	.00851	.00453
%RSD	587.36	17.677	7.7207	4094.9	32.731	11.825	1.3158

#1	-.00257	-.00179	.00645	-.00118	.00361	.06654	.33964
#2	.00060	-.00250	.00716	.00451	.00200	.06755	.34847
#3	.00352	-.00244	.00752	-.00364	.00229	.08175	.34584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00037	5.2721	-.00039	.00153	.00258	.00279
Stddev	.00009	.00014	.0492	.00008	.00008	.00039	.00063
%RSD	180.14	37.100	.93364	20.707	5.3690	15.093	22.599

#1	.00005	.00035	5.2675	-.00031	.00152	.00301	.00247
#2	-.00007	.00052	5.3235	-.00039	.00146	.00249	.00352
#3	-.00012	.00024	5.2254	-.00047	.00162	.00225	.00239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09055	1.2773	.00296	-.00047	287.19	-.00074	.20195
Stddev	.00025	.0525	.00040	.00033	2.92	.00138	.00069
%RSD	.27818	4.1132	13.591	69.159	1.0157	188.11	.34304

#1	.09055	1.2190	.00286	-.00071	283.84	-.00094	.20274
#2	.09080	1.3209	.00262	-.00061	288.55	.00074	.20170
#3	.09030	1.2920	.00340	-.00010	289.17	-.00200	.20143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66482	-.00005	.09895	.84462	.33927	-.00326	.00064
Stddev	.03195	.00014	.00381	.00500	.00526	.00090	.00082
%RSD	4.8060	273.86	3.8516	.59189	1.5491	27.628	128.24

#1	.63299	-.00005	.09481	.84959	.34534	-.00319	.00134
#2	.66459	.00009	.10230	.84466	.33639	-.00420	-.00026
#3	.69689	-.00019	.09975	.83960	.33609	-.00240	.00084

Sample Name: K4377-02 Acquired: 8/16/2019 18:47:45 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RBR-50 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00312	.0033	.04006	5.3946	F<.00000
Stddev	.00057	.0016	.00033	.3138	2.0783
%RSD	18.234	47.09	.82232	5.8163	46.786

#1	.00343	.0052	.03993	5.6576	-2.2939
#2	.00247	.0025	.04043	5.4789	-4.5896
#3	.00348	.0024	.03981	5.0473	-6.4426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.0	21927.	2362.5	26.049	2021.4
Stddev	3.8	70.	28.8	.167	3.9
%RSD	.18547	.31702	1.2198	.63942	.19459

#1	2030.7	21889.	2334.9	25.857	2018.2
#2	2029.1	21885.	2360.2	26.157	2020.2
#3	2036.3	22008.	2392.4	26.133	2025.8

Sample Name: K4377-04 Acquired: 8/16/2019 18:52:12 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	-.00067	.00223	.00202	-.00166	.14714	.23122
Stddev	.00025	.00002	.00189	.00216	.00114	.02060	.00081
%RSD	14.654	2.2662	84.846	106.95	68.482	13.998	.35138

#1	.00172	-.00066	.00121	.00433	-.00257	.12999	.23029
#2	.00189	-.00066	.00107	.00004	-.00203	.16998	.23169
#3	.00141	-.00069	.00441	.00169	-.00038	.14146	.23169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00025	10.853	.00007	.00410	.00299	.22181
Stddev	.00009	.00013	.101	.00012	.00025	.00090	.00045
%RSD	8534.3	52.401	.93332	168.72	6.1838	30.096	.20452

#1	.00003	.00010	10.758	-.00002	.00403	.00307	.22233
#2	-.00010	.00035	10.841	.00021	.00389	.00384	.22147
#3	.00007	.00031	10.960	.00002	.00438	.00205	.22163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19831	2.3902	.00826	-.00049	323.74	-.00103	.20720
Stddev	.00091	.0849	.00072	.00069	1.38	.00136	.00061
%RSD	.45924	3.5502	8.7793	139.51	.42509	132.29	.29586

#1	.19926	2.3834	.00783	-.00053	323.38	-.00258	.20652
#2	.19822	2.4783	.00909	-.00116	325.26	-.00039	.20771
#3	.19744	2.3090	.00785	.00021	322.58	-.00011	.20737

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0066	-.00030	.08241	1.5442	.38569	-.00262	-.00262
Stddev	.0452	.00026	.00892	.0097	.00407	.00097	.00056
%RSD	4.4896	87.516	10.824	.62675	1.0564	36.839	21.444

#1	.99271	-.00001	.08589	1.5400	.38109	-.00162	-.00202
#2	1.0571	-.00036	.08906	1.5553	.38712	-.00269	-.00270
#3	.96997	-.00052	.07227	1.5374	.38885	-.00355	-.00314

Sample Name: K4377-04 Acquired: 8/16/2019 18:52:12 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RBR-29 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00408	-.0004	.05675	5.0165	F<.00000
Stddev	.00009	.0006	.00031	.4162	3.3037
%RSD	2.1572	141.9	.54640	8.2966	56.136
#1	.00406	-.0008	.05641	4.7826	-8.2192
#2	.00418	-.0008	.05702	5.4971	-2.1050
#3	.00400	.0003	.05681	4.7699	-7.3317
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.3	21838.	2351.0	26.754	1993.7
Stddev	1.2	136.	7.4	.750	5.9
%RSD	.05932	.62358	.31282	2.8023	.29507
#1	2021.5	21712.	2343.1	26.322	2000.1
#2	2023.7	21818.	2352.1	26.321	1992.6
#3	2021.7	21983.	2357.7	27.620	1988.5

Sample Name: CCV08 Acquired: 8/16/2019 18:56:40 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0412	5.0754	4.8436	5.1032	5.0203	9.9768	10.107	.25437
Stddev	.0047	.0082	.0145	.0107	.0035	.1097	.092	.00038
%RSD	.09352	.16142	.29936	.20881	.07048	1.0996	.91092	.15104
#1	5.0462	5.0769	4.8580	5.1150	5.0243	9.8501	10.001	.25406
#2	5.0406	5.0826	4.8437	5.0942	5.0176	10.043	10.148	.25425
#3	5.0369	5.0665	4.8290	5.1004	5.0191	10.037	10.170	.25480
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5075	25.872	1.0210	2.4966	1.2535	5.1903	2.5295	25.369
Stddev	.0018	.116	.0013	.0034	.0007	.0131	.0096	.222
%RSD	.07155	.44749	.12358	.13456	.05260	.25281	.38027	.87543
#1	2.5085	25.739	1.0215	2.4966	1.2539	5.1943	2.5315	25.115
#2	2.5086	25.929	1.0195	2.5000	1.2539	5.1757	2.5379	25.466
#3	2.5054	25.948	1.0219	2.4933	1.2528	5.2010	2.5190	25.526
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5314	1.2642	25.366	2.5541	2.4569	24.774	4.9881	5.0373
Stddev	.0055	.0024	.234	.0067	.0027	.287	.0024	.0605
%RSD	.21521	.19281	.92149	.26266	.10865	1.1596	.04711	1.2013
#1	2.5314	1.2616	25.107	2.5556	2.4576	24.445	4.9897	4.9893
#2	2.5369	1.2647	25.427	2.5467	2.4591	24.905	4.9854	5.0174
#3	2.5260	1.2664	25.562	2.5598	2.4539	24.973	4.9893	5.1053
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9065	4.9976	4.9801	5.0938	4.7322	5.195	5.1537	5.4860
Stddev	.0037	.0176	.0119	.0379	.0241	.016	.0189	.6658
%RSD	.07508	.35147	.23810	.74379	.50862	.3165	.36753	12.136
#1	4.9060	5.0176	4.9770	5.0539	4.7053	5.210	5.1323	5.5539
#2	4.9104	4.9907	4.9932	5.0980	4.7518	5.198	5.1604	4.7889
#3	4.9030	4.9846	4.9701	5.1294	4.7394	5.177	5.1683	6.1153

Sample Name: CCV08 Acquired: 8/16/2019 18:56:40 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7730
Stddev 1.6060
%RSD 90.582

#1 .25621
#2 3.4554
#3 1.6073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.3	22170.	2351.0	26.490	1990.0
Stddev	4.9	72.	16.7	.298	4.6
%RSD	.23685	.32478	.71025	1.1264	.23292

#1	2049.8	22142.	2334.2	26.497	1986.8
#2	2057.3	22117.	2351.2	26.188	1987.9
#3	2058.9	22252.	2367.6	26.785	1995.3

Sample Name: CCB08 Acquired: 8/16/2019 19:00:38 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.00115	-.00001	-.00467	.00109	.00121	-.00420	.00056
Stddev	.00118	.00118	.00149	.00705	.00219	.02764	.00055
%RSD	101.97	16482.	31.896	647.42	180.89	658.35	99.333

#1	.00120	-.00112	-.00320	.00239	.00108	-.03526	.00115
#2	-.00005	-.00013	-.00617	.00740	.00347	.00496	.00048
#3	.00230	.00123	-.00463	-.00652	-.00091	.01770	.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00014	.02615	-.00048	-.00019	-.00023	.00001
Stddev	.00006	.00007	.01320	.00040	.00013	.00034	.00044
%RSD	124.97	53.200	50.470	83.347	67.126	145.41	8490.2

#1	.00002	.00006	.04139	-.00090	-.00016	-.00019	.00051
#2	-.00009	.00020	.01877	-.00042	-.00008	.00008	-.00024
#3	-.00007	.00016	.01829	-.00011	-.00033	-.00060	-.00026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.07289	.00033	-.00078	-.03024	-.00031	-.00091
Stddev	.00007	.08144	.00059	.00023	.01181	.00052	.00008
%RSD	46.900	111.74	179.66	29.026	39.060	169.80	8.9779

#1	-.00007	-.02290	.00079	-.00057	-.03756	.00023	-.00093
#2	-.00020	-.16687	-.00033	-.00075	-.03654	-.00082	-.00081
#3	-.00019	-.02890	.00052	-.00102	-.01661	-.00034	-.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07269	.00113	.00604	-.00560	-.00220	-.00128	.00066
Stddev	.01313	.00070	.01036	.00066	.00237	.00017	.00203
%RSD	18.070	61.820	171.46	11.806	107.91	13.017	308.68

#1	-.08784	.00171	.01410	-.00500	-.00158	-.00128	.00299
#2	-.06463	.00134	.00968	-.00549	-.00482	-.00145	-.00027
#3	-.06558	.00035	-.00565	-.00630	-.00020	-.00112	-.00074

Sample Name: CCB08 Acquired: 8/16/2019 19:00:38 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.0008	.00005	F 3.5888	F<.00000
Stddev	.00056	.0011	.00008	.1133	.76954
%RSD	38.548	148.1	161.16	3.1564	520.24

#1	.00202	-.0018	.00015	3.6174	.59472
#2	.00090	.0004	-.00000	3.4639	-.94180
#3	.00144	-.0009	.00001	3.6850	-.09668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.2	22221.	2355.2	26.132	2175.7
Stddev	3.6	39.	6.8	.206	8.5
%RSD	.16984	.17518	.28901	.79015	.39270

#1	2100.6	22264.	2352.4	26.275	2170.7
#2	2096.4	22188.	2350.2	26.225	2170.8
#3	2103.5	22211.	2363.0	25.895	2185.5