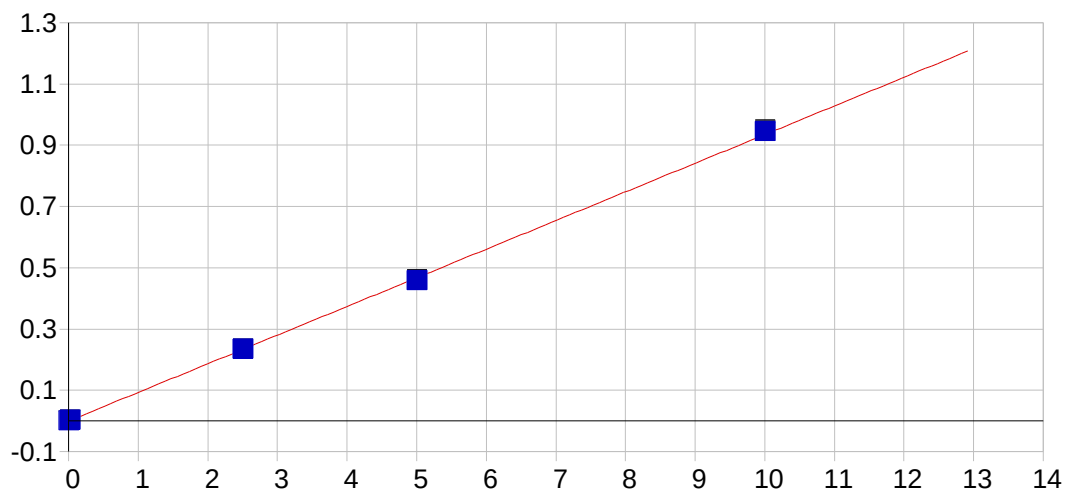


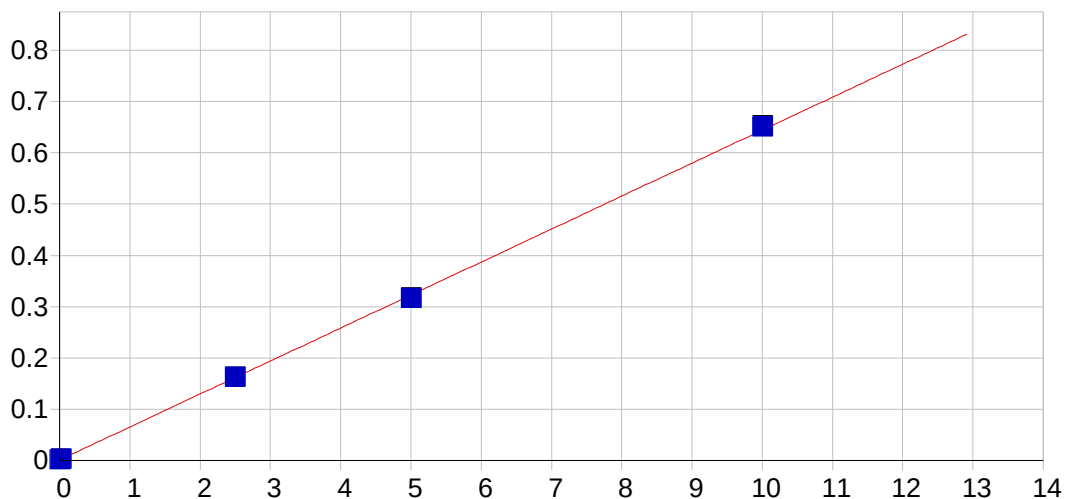


As 189.042 {478}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000477 Re-Slope: 1.000000
 A1 (Gain): 0.093536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.003776
 Predicted MQL: 0.012587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.02000	.02178	.002	8.88	.00156	.000	1
S3	2.5000	2.5022	.002	.090	.23356	.000	1
S4	5.0000	4.8996	-.100	-2.01	.45778	.001	1
S5	10.000	10.096	.096	.964	.94384	.004	1



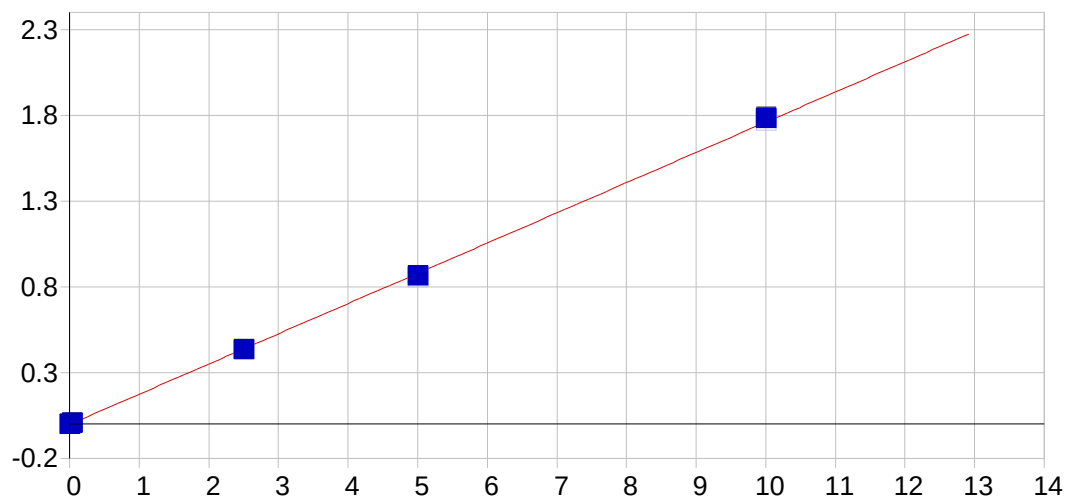
As 189.042 {479}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001022 Re-Slope: 1.000000

A1 (Gain): 0.064316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003521
 Predicted MQL: 0.011738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00102	.000	1
S1	.02000	.02136	.001	6.81	.00240	.000	1
S3	2.5000	2.4998	-.000	-.006	.16180	.000	1
S4	5.0000	4.8985	-.102	-2.03	.31608	.001	1
S5	10.000	10.100	.100	1.00	.65065	.003	1

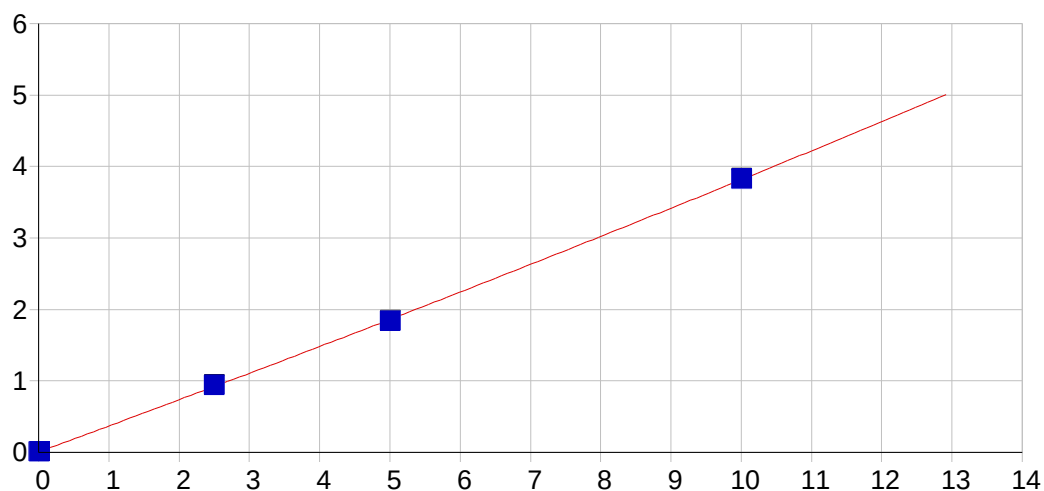


TI 190.856 {477}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001736 Re-Slope: 1.000000
 A1 (Gain): 0.176188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.001686
 Predicted MQL: 0.005619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00174	.000	1
S1	.04000	.04047	.000	1.17	.00521	.000	1
S3	2.5000	2.4732	-.027	-1.07	.42950	.001	1
S4	5.0000	4.9019	-.098	-1.96	.85288	.001	1
S5	10.000	10.124	.124	1.24	1.7640	.005	1

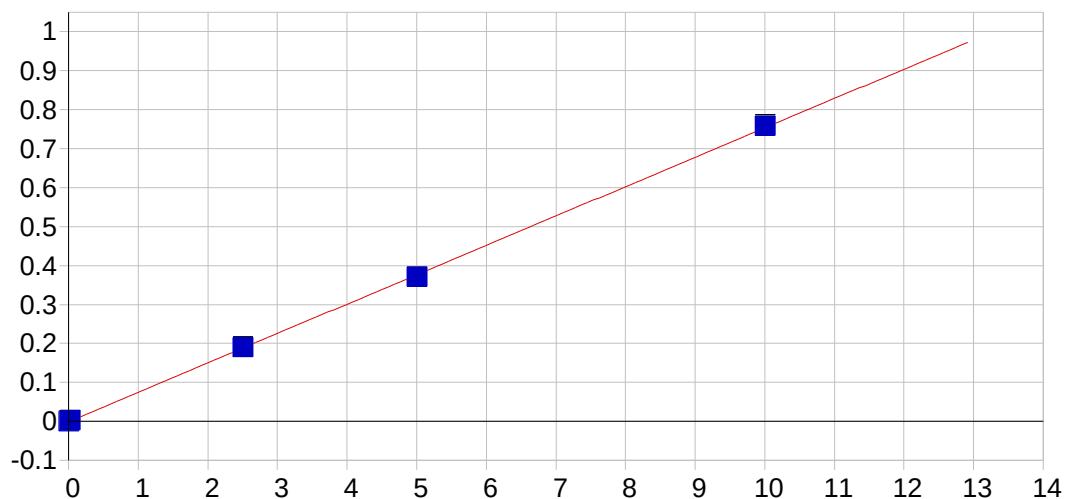


Pb 220.353 {453}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.007504 Re-Slope: 1.000000
 A1 (Gain): 0.360296 Y-int: 0.000000
 A2 (Curvature): 0.002049
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: Warning Positive Curvature
 Std Error of Est: 0.000083
 Predicted MDL: 0.001327
 Predicted MQL: 0.004422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00750	.000	1
S1	.01200	.01035	-.002	-13.7	.01115	.000	1
S3	2.5000	2.5417	.042	1.67	.93530	.002	1
S4	5.0000	4.9421	-.058	-1.16	1.8357	.003	1
S5	10.000	10.018	.018	.178	3.8177	.010	1



Se 196.090 {472}

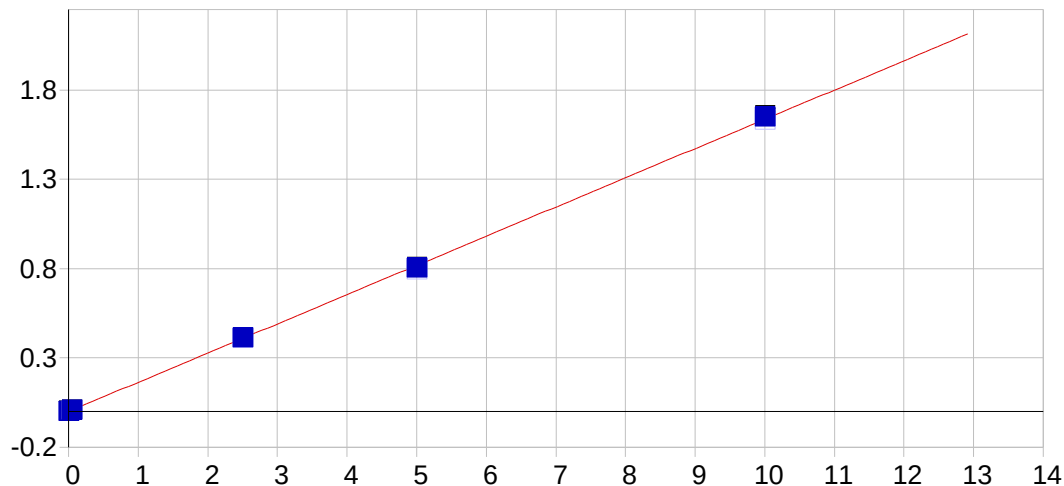
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000613 Re-Slope: 1.000000
 A1 (Gain): 0.075392 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000020
 Predicted MDL: 0.004369
 Predicted MQL: 0.014564

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00061	.000	1
S1	.02000	.02270	.003	13.5	.00110	.000	1
S3	2.5000	2.5178	.018	.712	.18917	.001	1
S4	5.0000	4.9222	-.078	-1.56	.37040	.000	1
S5	10.000	10.057	.057	.573	.75746	.003	1



Sb 206.833 {463}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

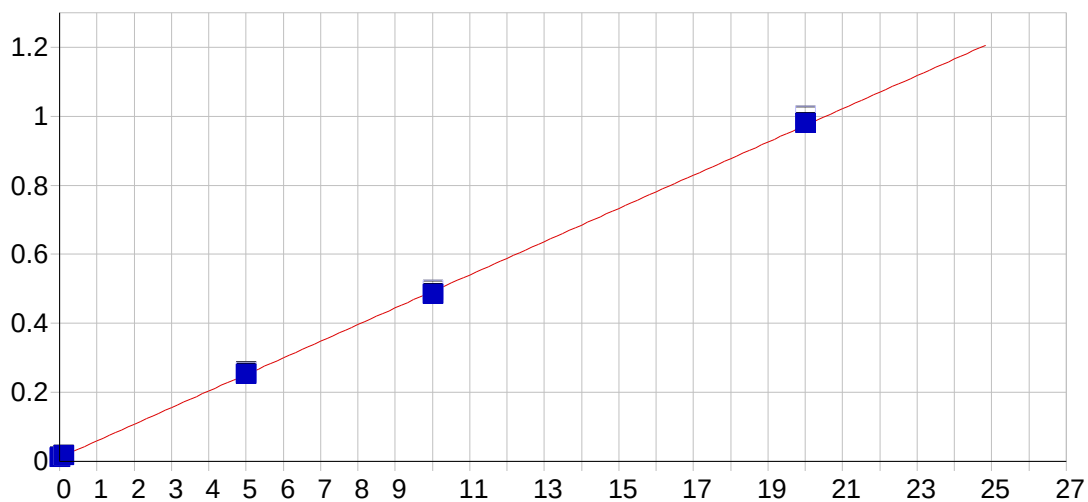
Weighting: 1/Conc

A0 (Offset): 0.000187
 A1 (Gain): 0.163548
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000081
 Predicted MDL: 0.002481
 Predicted MQL: 0.008270

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	.00019	.000	1
S1	.05000	.05514	.005	10.3	.00900	.000	1
S3	2.5000	2.5197	.020	.787	.40768	.001	1
S4	5.0000	4.9055	-.094	-1.89	.79328	.002	1
S5	10.000	10.070	.070	.697	1.6287	.008	1

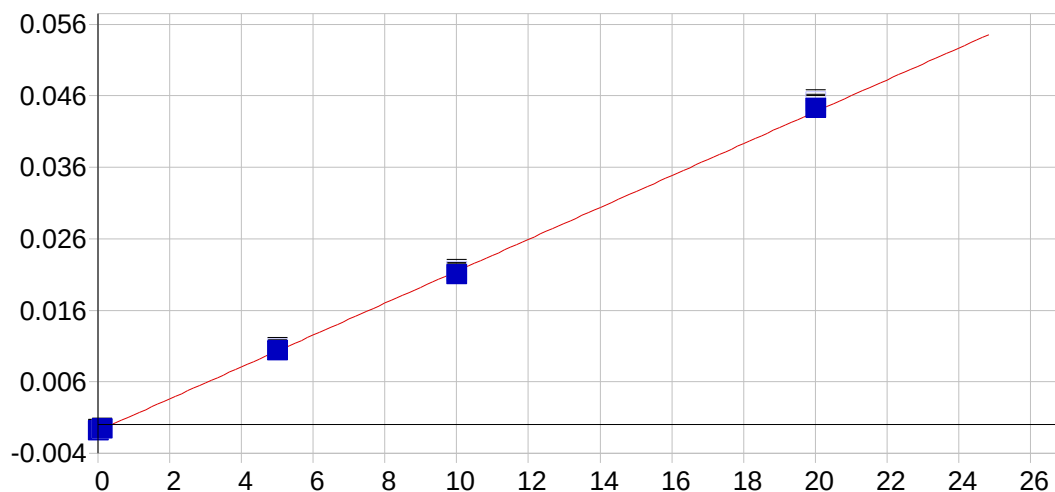


AI 308.215 {109}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011302 Re-Slope: 1.000000
 A1 (Gain): 0.048114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.003859
 Predicted MQL: 0.012862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01130	.000	1
S1	.10000	.11215	.012	12.1	.01703	.000	1
S3	5.0000	5.0255	.025	.509	.25789	.001	1
S4	10.000	9.8387	-.161	-1.61	.49426	.001	1
S5	20.000	20.123	.123	.616	.99867	.001	1



AI 309.271 {109}

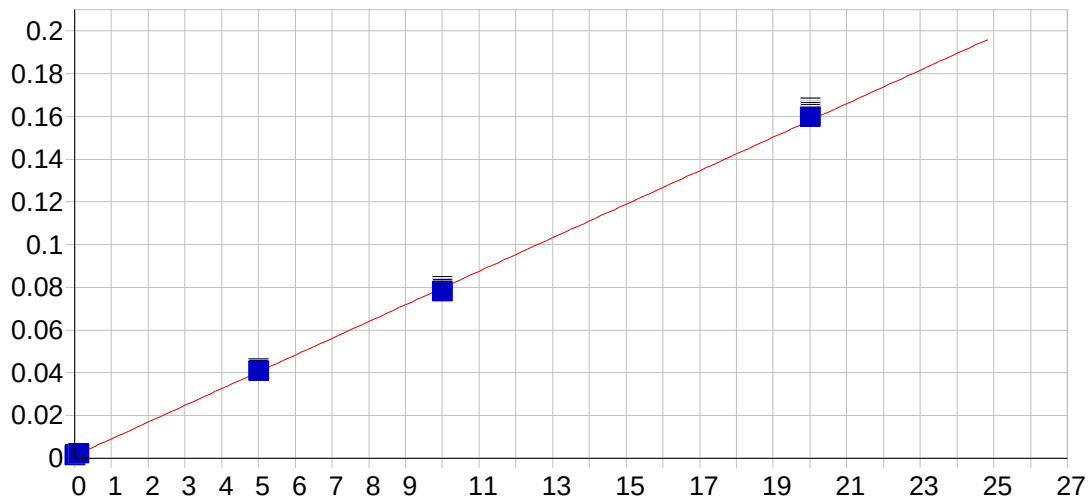
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000847 Re-Slope: 1.000000
 A1 (Gain): 0.002231 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000003
 Predicted MDL: 0.050048
 Predicted MQL: 0.166825

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00085	.000	1
S1	.10000	.10462	.005	4.62	-.00060	.000	1
S3	5.0000	5.0218	.022	.436	.01058	.000	1
S4	10.000	9.7660	-.234	-2.34	.02138	.000	1
S5	20.000	20.207	.207	1.04	.04512	.000	1



AI 396.152 { 85}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

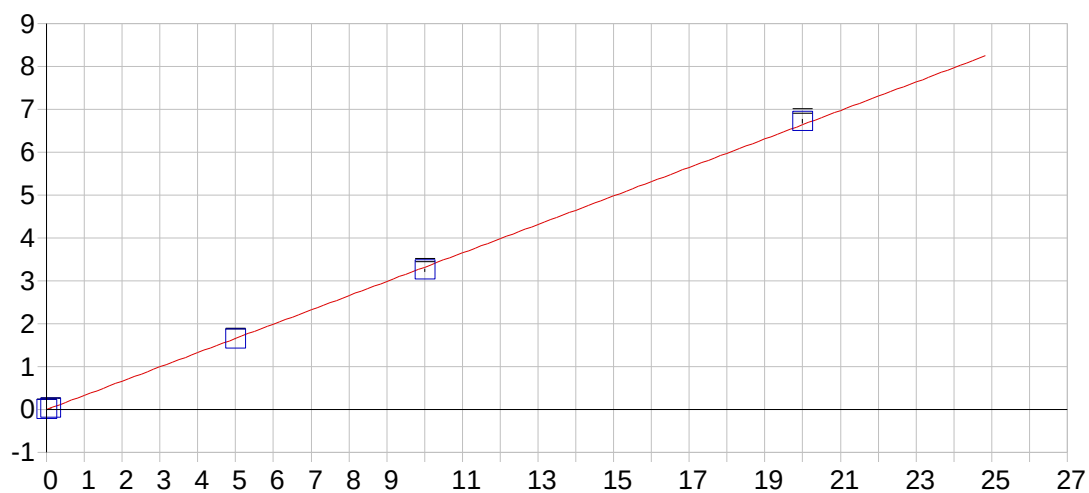
Weighting: 1/Conc

A0 (Offset): 0.001253
 A1 (Gain): 0.007845
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000009
 Predicted MDL: 0.021808
 Predicted MQL: 0.072693

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	.00125	.000	1
S1	.10000	.09507	-.005	-4.93	.00205	.000	1
S3	5.0000	5.0400	.040	.800	.04157	.000	1
S4	10.000	9.7753	-.225	-2.25	.07950	.001	1
S5	20.000	20.190	.190	.950	.16277	.001	1

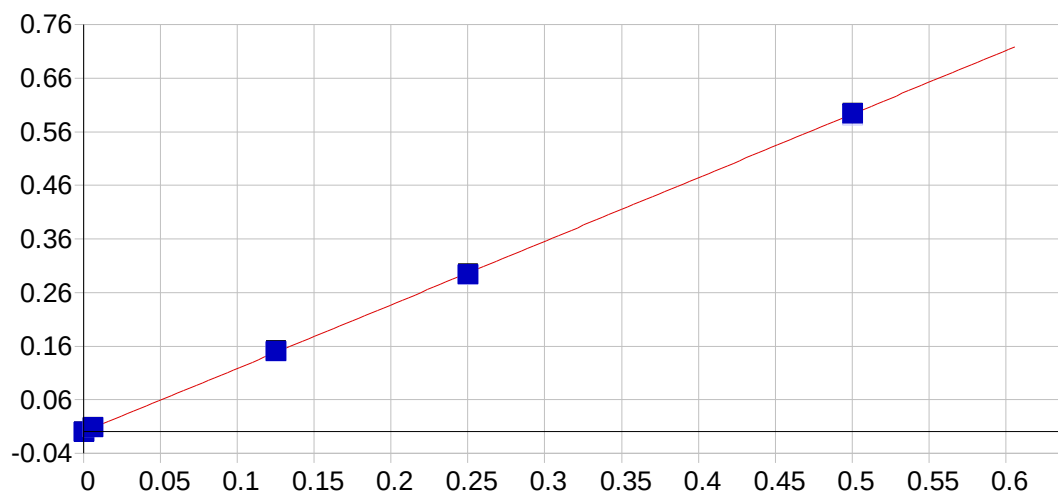


Ba 493.409 { 68}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003085 Re-Slope: 1.000000
 A1 (Gain): 0.332242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000382
 Predicted MDL: 0.000965
 Predicted MQL: 0.003217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00309	.000	1
S1	.10000	.10347	.003	3.47	.03129	.000	1
S3	5.0000	4.9648	-.035	-.703	1.6464	.007	1
S5	20.000	20.245	.245	1.23	6.7232	.050	1
S4	10.000	9.7865	-.213	-2.13	3.2484	.035	1



Be 234.861 {144}

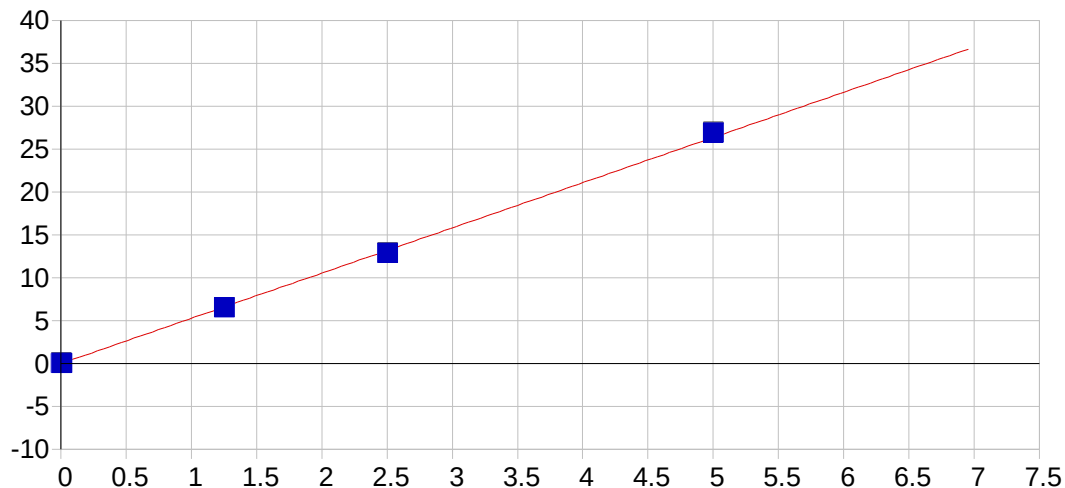
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000133 Re-Slope: 1.000000
 A1 (Gain): 1.185921 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000035
 Predicted MDL: 0.000102
 Predicted MQL: 0.000341

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.00600	.00650	.000	8.29	.00750	.000	1
S3	.12500	.12668	.002	1.35	.14917	.000	1
S4	.25000	.24767	-.002	-.930	.29172	.001	1
S5	.50000	.50015	.000	.029	.58927	.001	1



Cd 226.502 {449}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

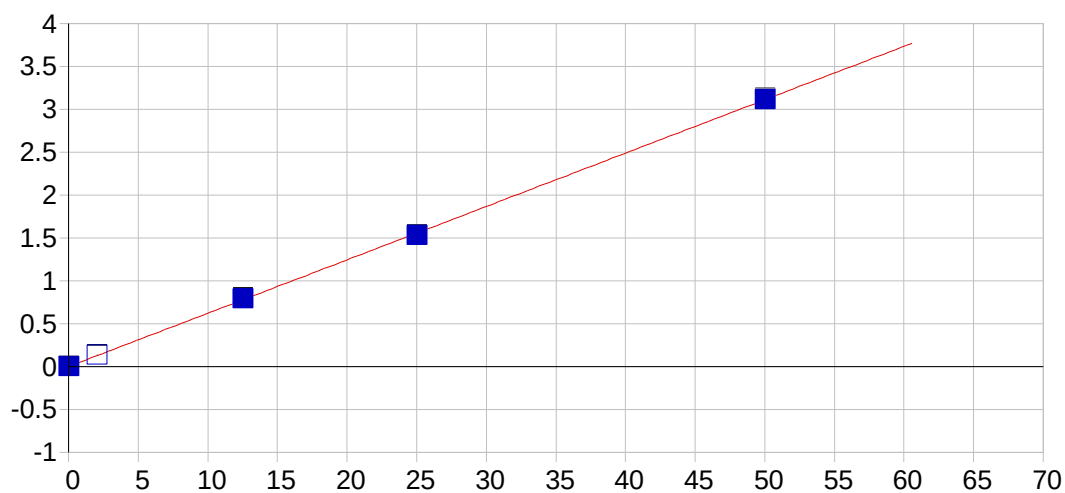
Weighting: 1/Conc

A0 (Offset): 0.000327
 A1 (Gain): 5.272314
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762
 Std Error of Est: 0.001076
 Predicted MDL: 0.000102
 Predicted MQL: 0.000341

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	.00033	.001	1
S1	.00600	.00599	-.000	-.191	.03196	.001	1
S3	1.2500	1.2244	-.026	-2.05	6.4573	.017	1
S4	2.5000	2.4315	-.068	-2.74	12.823	.020	1
S5	5.0000	5.0941	.094	1.88	26.864	.054	1

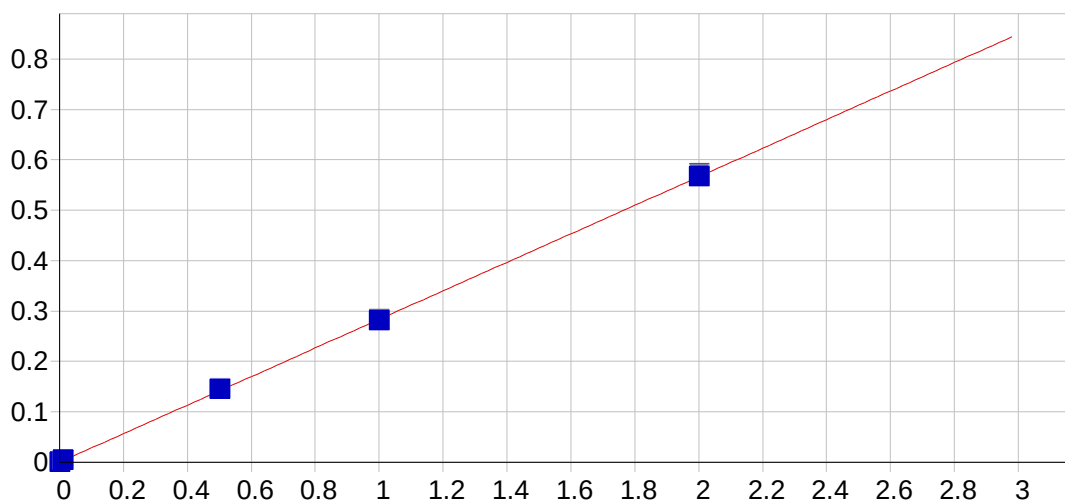


Ca 373.690 { 90}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000220 Re-Slope: 1.000000
 A1 (Gain): 0.062239 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000479
 Predicted MDL: 0.030160
 Predicted MQL: 0.100534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1347	.135	6.73	.13308	.002	1
S0	.00000	-.00014	-.000	.000	.00021	.001	1
S3	12.500	12.690	.190	1.52	.79046	.010	1
S4	25.000	24.621	-.379	-1.52	1.5334	.005	1
S5	50.000	50.055	.055	.109	3.1172	.012	1



Cr 267.716 {126}

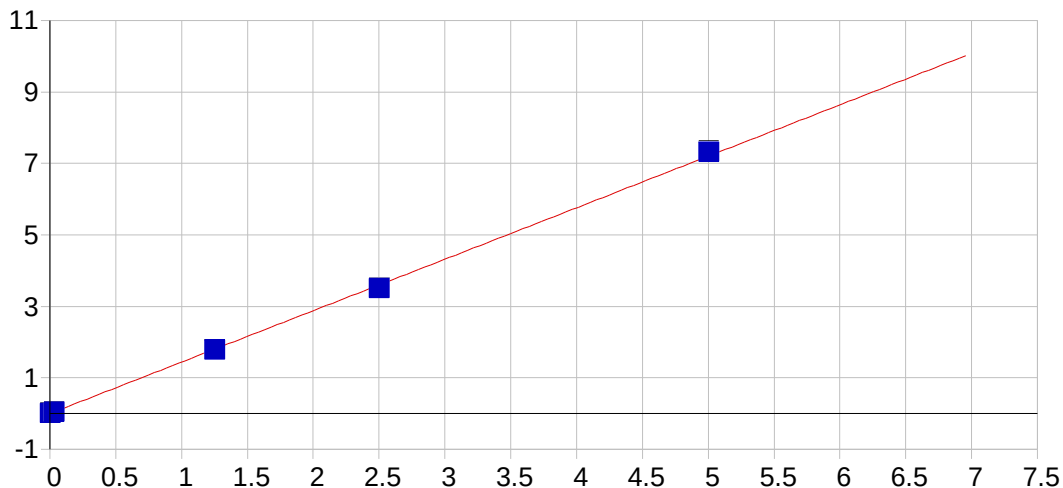
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.283128 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000026
 Predicted MDL: 0.000595
 Predicted MQL: 0.001982

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.01000	.01146	.001	14.6	.00354	.000	1
S3	.50000	.50924	.009	1.85	.14558	.001	1
S4	1.0000	.98821	-.012	-1.18	.28230	.001	1
S5	2.0000	2.0011	.001	.055	.57130	.001	1



Co 228.616 {447}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

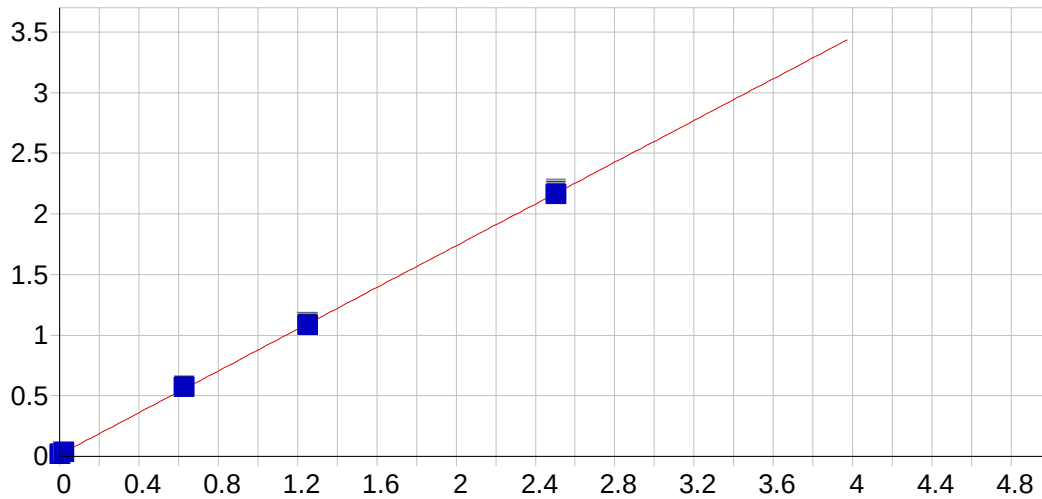
Weighting: 1/Conc

A0 (Offset): -0.000664
 A1 (Gain): 1.440098
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.000592
 Predicted MDL: 0.000318
 Predicted MQL: 0.001059

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	-.00066	.000	1
S1	.03000	.03051	.001	1.69	.04298	.001	1
S3	1.2500	1.2333	-.017	-1.33	1.7769	.003	1
S4	2.5000	2.4333	-.067	-2.67	3.5064	.003	1
S5	5.0000	5.0828	.083	1.66	7.3248	.016	1

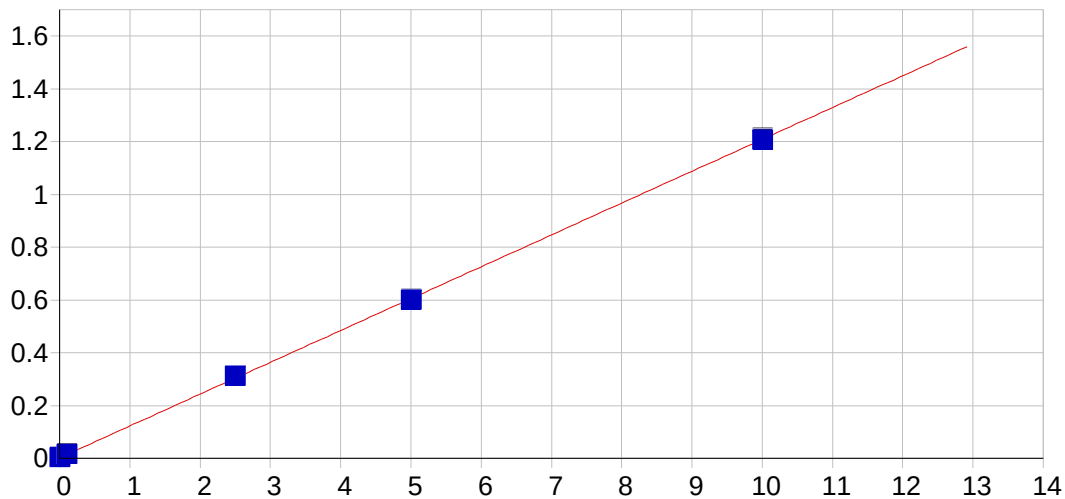


Cu 224.700 {450}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015537 Re-Slope: 1.000000
 A1 (Gain): 0.860805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.000596
 Predicted MQL: 0.001988

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01554	.000	1
S1	.02000	.02164	.002	8.20	.03443	.000	1
S3	.62500	.64394	.019	3.03	.57854	.001	1
S4	1.2500	1.2387	-.011	-.904	1.0992	.004	1
S5	2.5000	2.4907	-.009	-.371	2.1943	.008	1



Fe 240.488 {140}

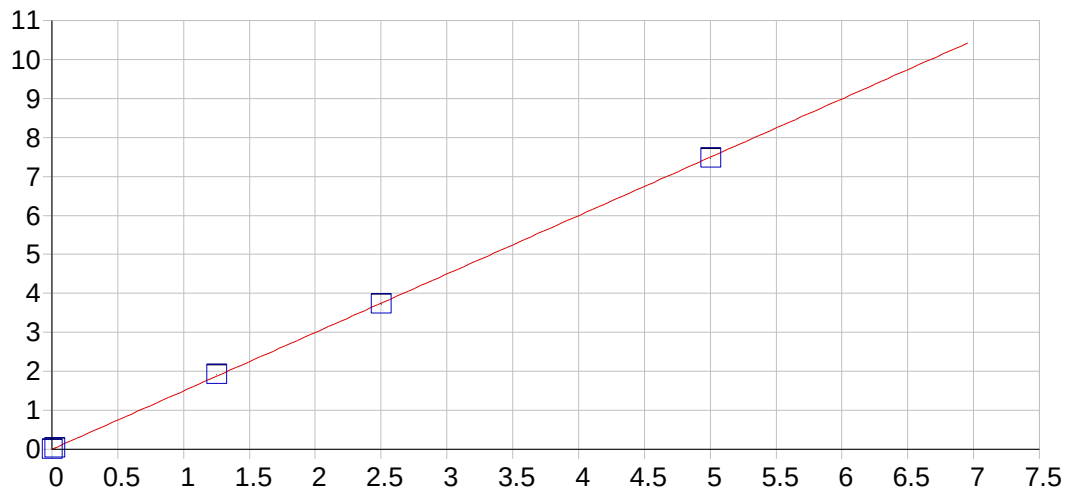
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001846 Re-Slope: 1.000000
 A1 (Gain): 0.120656 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000088
 Predicted MDL: 0.001094
 Predicted MQL: 0.003646

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00184	.000	1
S1	.10000	.11058	.011	10.6	.01525	.000	1
S3	2.5000	2.5629	.063	2.52	.31220	.000	1
S4	5.0000	4.9561	-.044	-.878	.60208	.000	1
S5	10.000	9.9704	-.030	-.296	1.2093	.004	1



Mn 257.610 {131}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

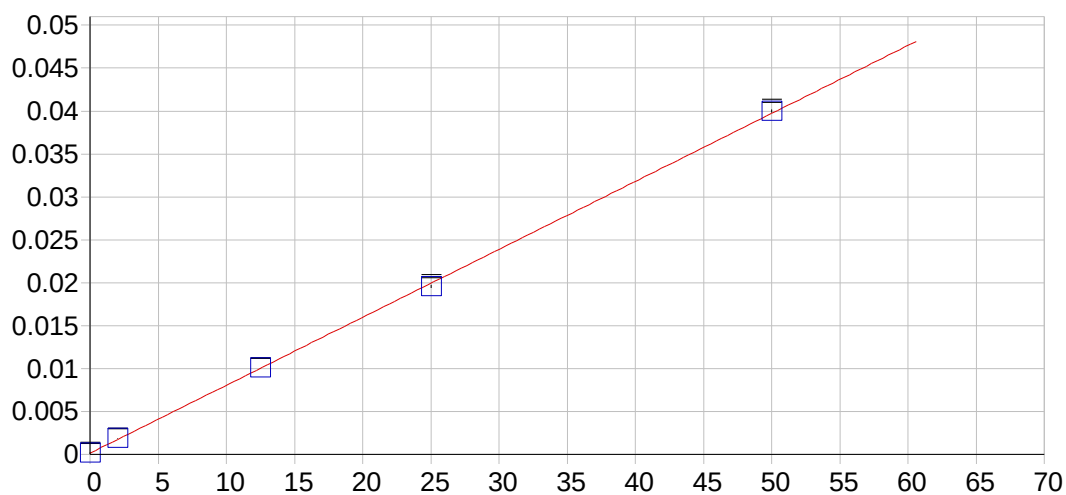
Weighting: 1/Conc

A0 (Offset): 0.000757
 A1 (Gain): 1.498383
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000278
 Predicted MDL: 0.000096
 Predicted MQL: 0.000320

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	.00075	.000	1
S1	.02000	.02265	.003	13.3	.03470	.000	1
S3	1.2500	1.2766	.027	2.13	1.9136	.003	1
S4	2.5000	2.4884	-.012	-.464	3.7293	.004	1
S5	5.0000	4.9823	-.018	-.353	7.4662	.008	1

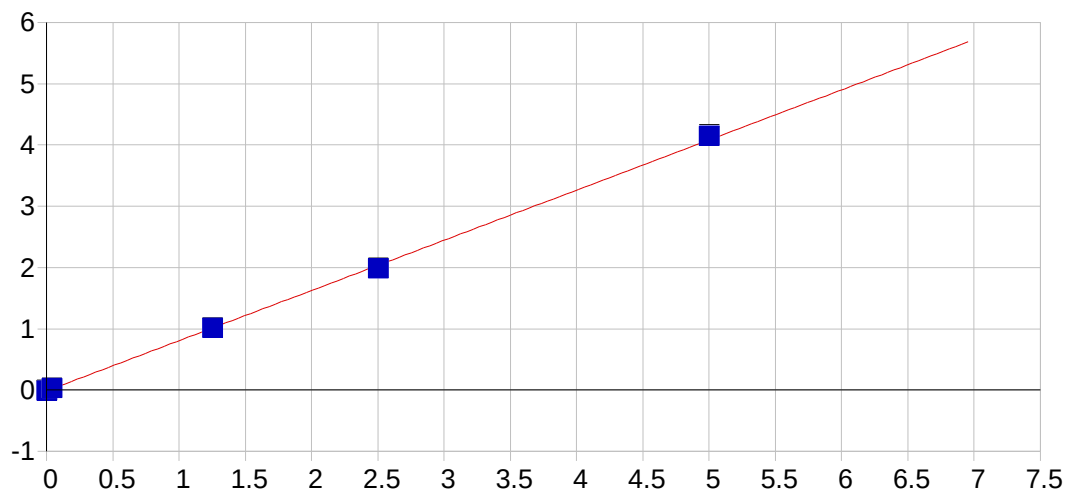


Mg 279.079 {121}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.000792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.076849
 Predicted MQL: 0.256163

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1434	.143	7.17	.00184	.000	1
S0	.00000	-.00012	-.000	.000	.00014	.000	1
S3	12.500	12.506	.006	.046	.01004	.000	1
S4	25.000	24.515	-.485	-1.94	.01954	.000	1
S5	50.000	50.335	.335	.671	.03998	.000	1



Ni 231.604 {445}

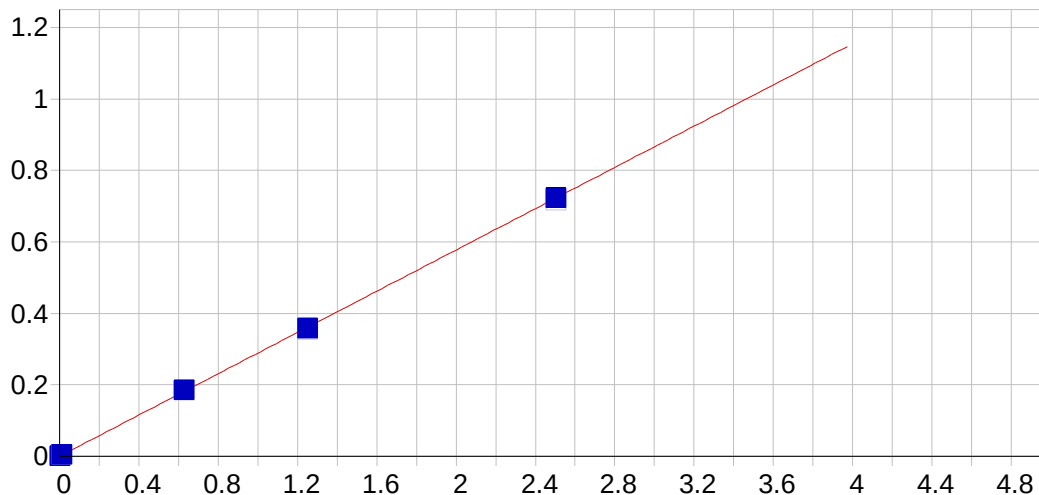
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012911 Re-Slope: 1.000000
 A1 (Gain): 0.819132 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807
 Std Error of Est: 0.000390
 Predicted MDL: 0.000589
 Predicted MQL: 0.001965

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01291	.000	1
S1	.04000	.04280	.003	7.00	.02217	.000	1
S3	1.2500	1.2409	-.009	-.729	1.0047	.002	1
S4	2.5000	2.4298	-.070	-2.81	1.9796	.004	1
S5	5.0000	5.0765	.077	1.53	4.1499	.011	1



Ag 328.068 {103}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

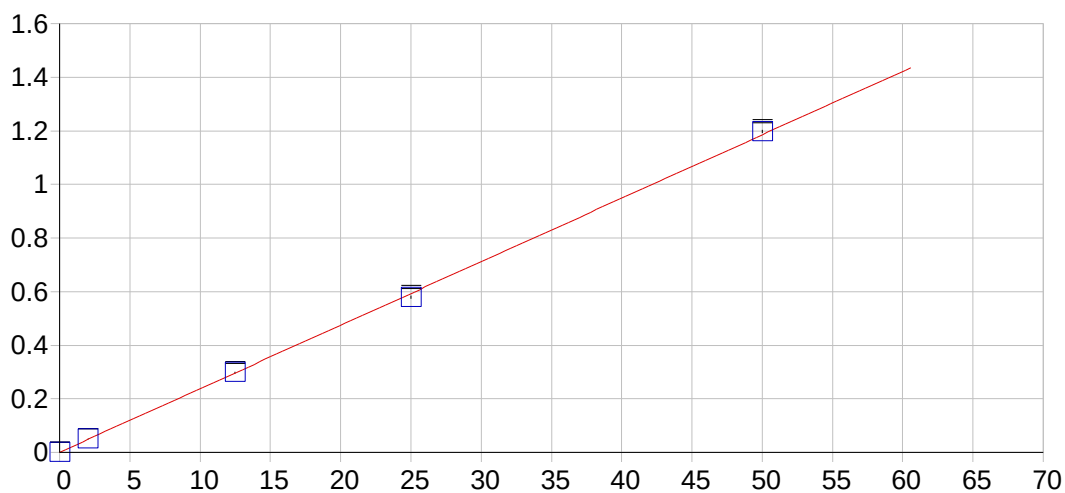
Weighting: 1/Conc

A0 (Offset): 0.000191
 A1 (Gain): 0.288621
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000026
 Predicted MDL: 0.000887
 Predicted MQL: 0.002955

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	.00019	.000	1
S1	.01000	.01079	.001	7.89	.00325	.000	1
S3	.62500	.63730	.012	1.97	.18208	.001	1
S4	1.2500	1.2349	-.015	-1.20	.35251	.001	1
S5	2.5000	2.5020	.002	.079	.71410	.002	1

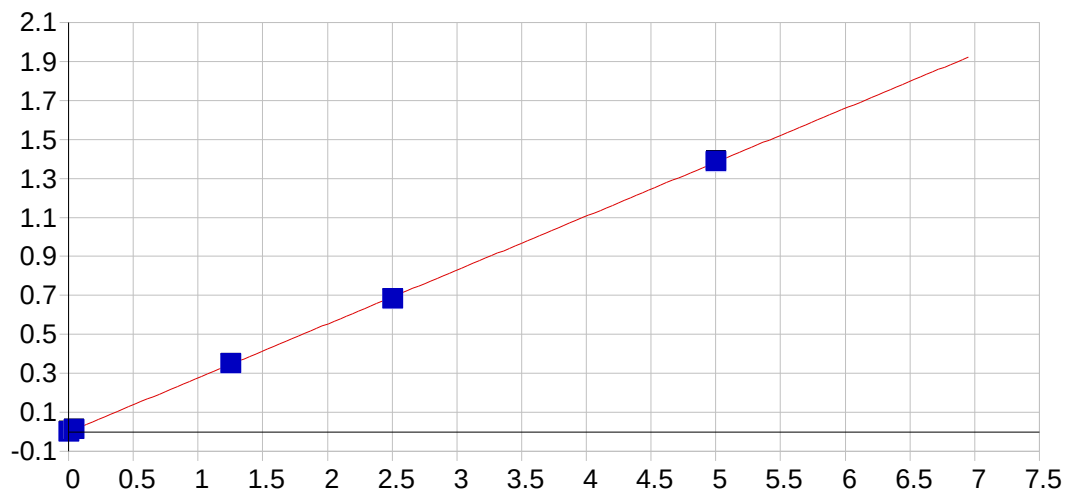


Na 589.592 { 57}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000855 Re-Slope: 1.000000
 A1 (Gain): 0.023686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000204
 Predicted MDL: 0.018018
 Predicted MQL: 0.060059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0630	.063	3.15	.04972	.000	1
S0	.00000	-.00004	-.000	.000	.00085	.000	1
S3	12.500	12.523	.023	.184	.29748	.003	1
S4	25.000	24.393	-.607	-2.43	.57862	.006	1
S5	50.000	50.521	.521	1.04	1.1975	.007	1



V 292.402 {115}

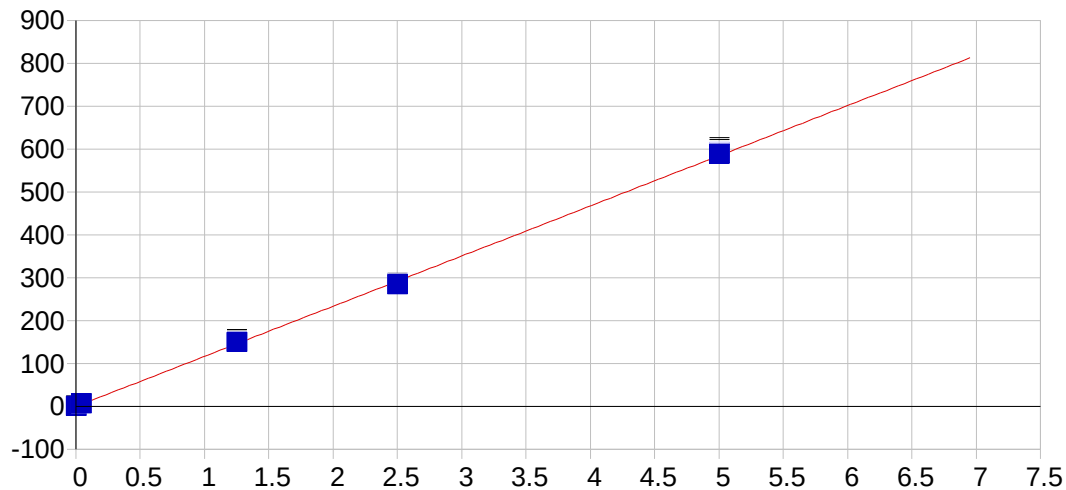
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.276592 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000059
 Predicted MDL: 0.000700
 Predicted MQL: 0.002333

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.04000	.04180	.002	4.49	.01140	.000	1
S3	1.2500	1.2602	.010	.817	.34631	.001	1
S4	2.5000	2.4669	-.033	-1.32	.67783	.001	1
S5	5.0000	5.0211	.021	.421	1.3798	.003	1



Zn 206.200 {163}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

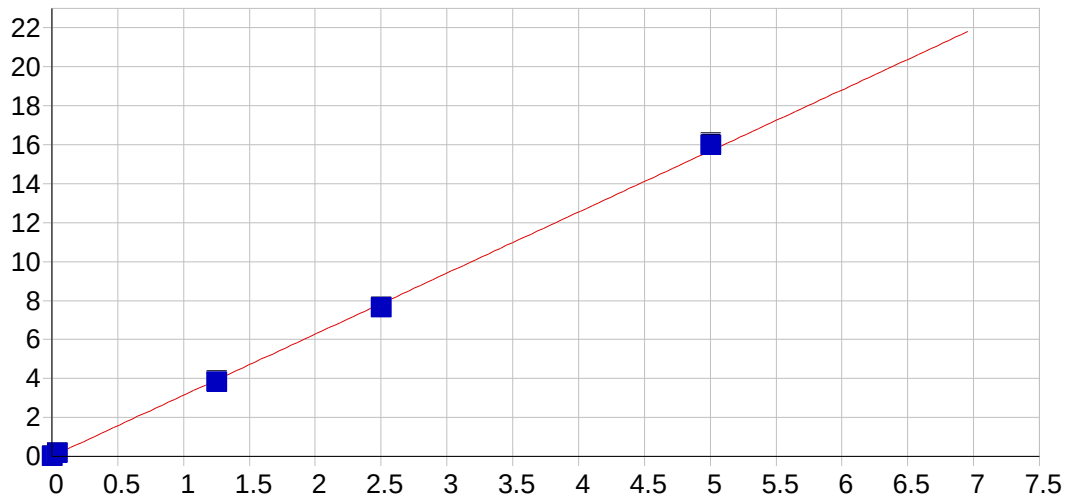
Weighting: 1/Conc

A0 (Offset): -0.128639
 A1 (Gain): 116.931507
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999696
 Std Error of Est: 0.070209
 Predicted MDL: 0.000445
 Predicted MQL: 0.001482

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	-.12989	.067	1
S1	.04000	.05072	.011	26.8	5.8324	.147	1
S3	1.2500	1.2746	.025	1.96	149.79	5.94	1
S4	2.5000	2.4321	-.068	-2.72	286.03	.937	1
S5	5.0000	5.0326	.033	.652	591.88	10.8	1

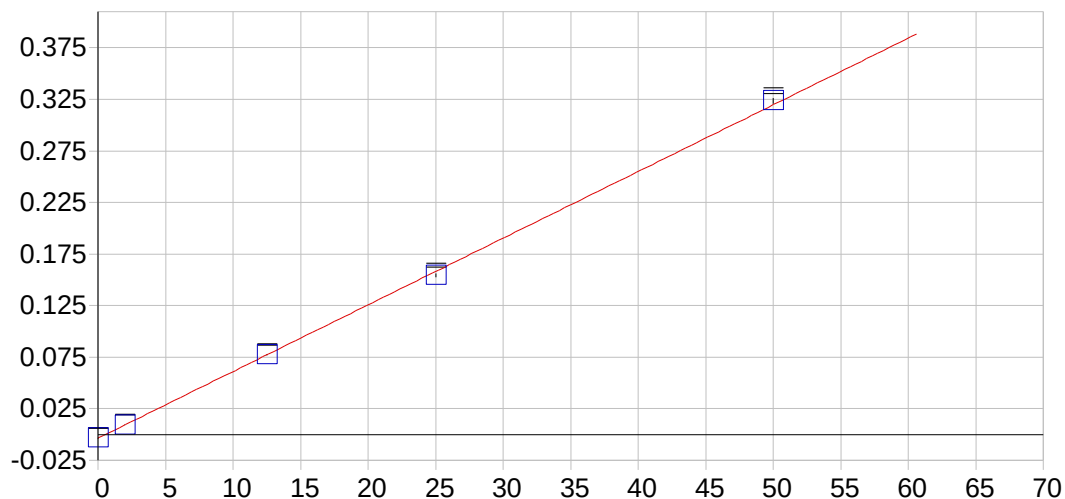


Zn 213.856 {458}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006342 Re-Slope: 1.000000
 A1 (Gain): 3.134413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648 Status: OK.
 Std Error of Est: 0.002025
 Predicted MDL: 0.000123
 Predicted MQL: 0.000411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00632	.000	1
S1	.04000	.04763	.008	19.1	.15650	.000	1
S3	1.2500	1.2182	-.032	-2.54	3.8498	.012	1
S4	2.5000	2.4272	-.073	-2.91	7.6641	.008	1
S5	5.0000	5.0970	.097	1.94	16.082	.033	1



K 766.490 {44}

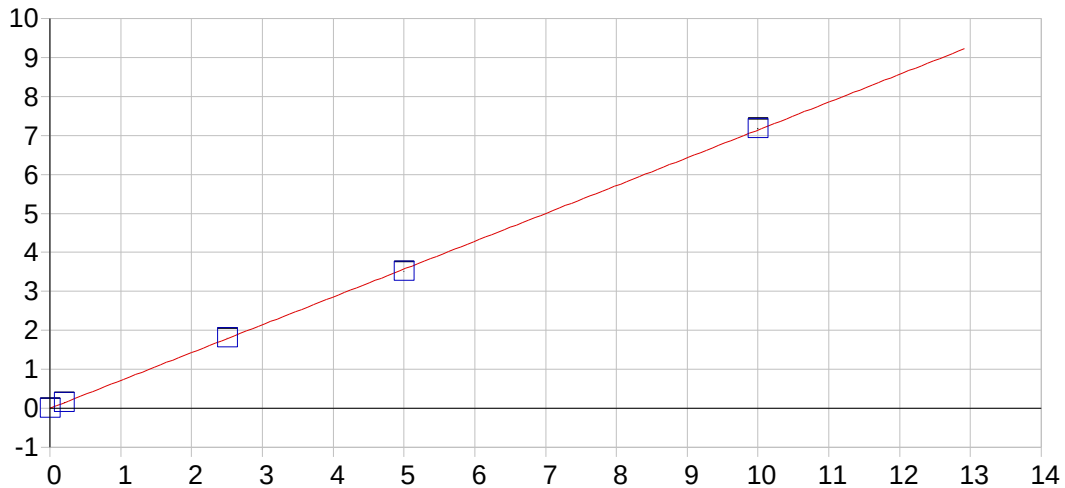
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003558 Re-Slope: 1.000000
 A1 (Gain): 0.006464 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878
 Std Error of Est: 0.000055
 Predicted MDL: 0.069555
 Predicted MQL: 0.231851

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9922	-.008	-.390	.00932	.000	1
S0	.00000	.00003	.000	.000	-.00356	.000	1
S3	12.500	12.521	.021	.166	.07738	.001	1
S4	25.000	24.394	-.606	-2.42	.15413	.002	1
S5	50.000	50.593	.593	1.19	.32350	.003	1



Mo 202.030 {467}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

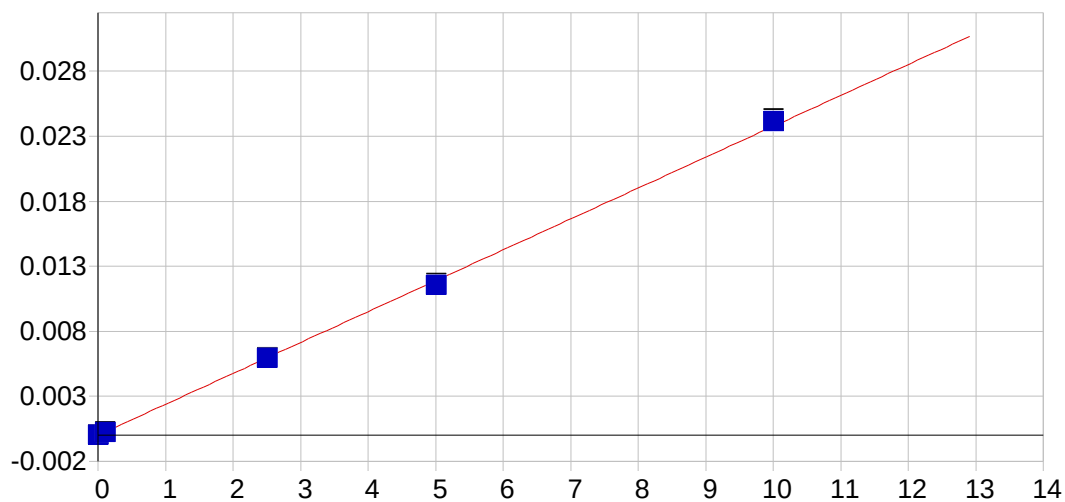
Weighting: 1/Conc

A0 (Offset): -0.000023
 A1 (Gain): 0.714047
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000687
 Predicted MDL: 0.000449
 Predicted MQL: 0.001497

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	-.00003	.000	1
S1	.20000	.21259	.013	6.30	.15178	.001	1
S3	2.5000	2.5209	.021	.838	1.8000	.003	1
S4	5.0000	4.9127	-.087	-1.75	3.5079	.009	1
S5	10.000	10.054	.054	.538	7.1788	.021	1

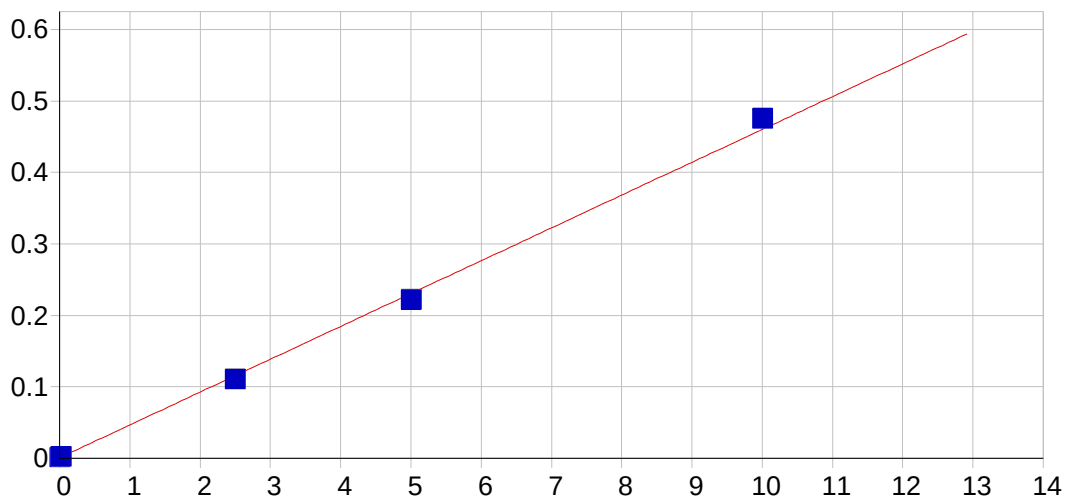


B 249.678 {135}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.002375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.021199
 Predicted MQL: 0.070663

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00001	.000	1
S1	.10000	.09214	-.008	-7.86	.00023	.000	1
S3	2.5000	2.4976	-.002	-.095	.00594	.000	1
S4	5.0000	4.8554	-.145	-2.89	.01153	.000	1
S5	10.000	10.155	.155	1.55	.02409	.000	1



S 182.034 {485}

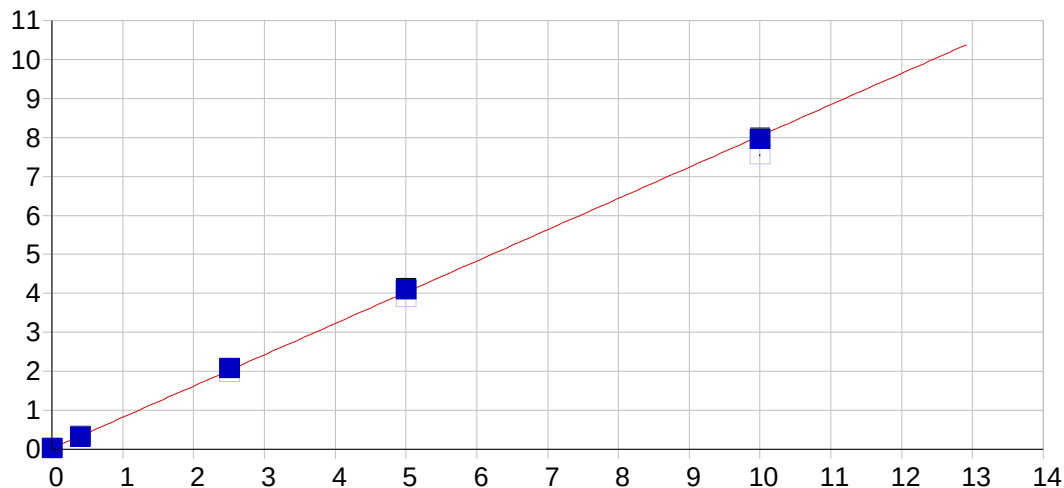
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000832 Re-Slope: 1.000000
 A1 (Gain): 0.045924 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999302
 Std Error of Est: 0.000041
 Predicted MDL: 0.004525
 Predicted MQL: 0.015084

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00083	.000	1
S1	.02000	.01940	-.001	-3.00	.00170	.000	1
S3	2.5000	2.3717	-.128	-5.13	.10962	.001	1
S4	5.0000	4.8069	-.193	-3.86	.22132	.000	1
S5	10.000	10.322	.322	3.22	.47435	.000	1



Si 288.158 {117}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

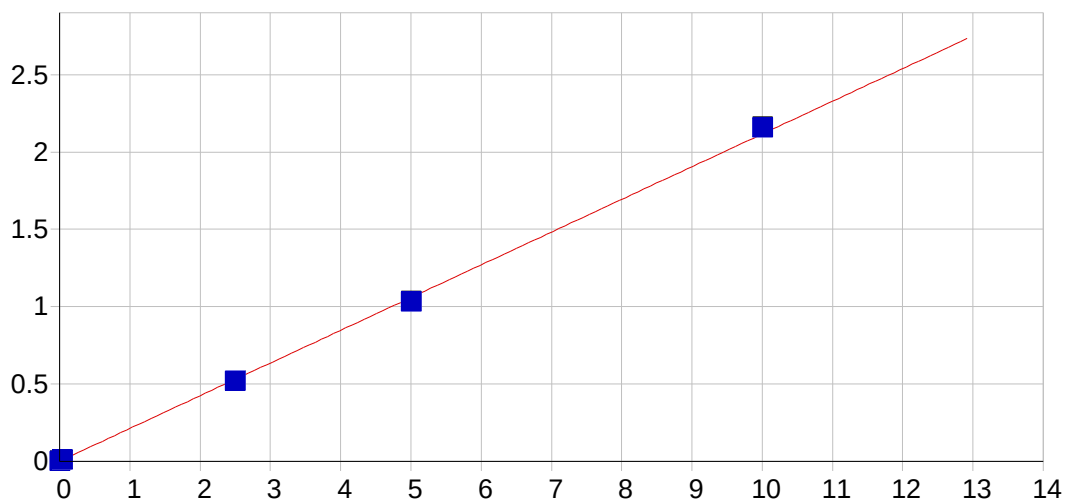
Weighting: 1/Conc

A0 (Offset): 0.017315
 A1 (Gain): 0.802249
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830
 Std Error of Est: 0.001533
 Predicted MDL: 0.003337
 Predicted MQL: 0.011122

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	.01733	.002	1
S1	.40000	.37383	-.026	-6.54	.31294	.006	1
S3	2.5000	2.5600	.060	2.40	1.9697	.005	1
S4	5.0000	5.0758	.076	1.52	3.8867	.033	1
S5	10.000	9.8914	-.109	-1.09	7.5473	.025	1

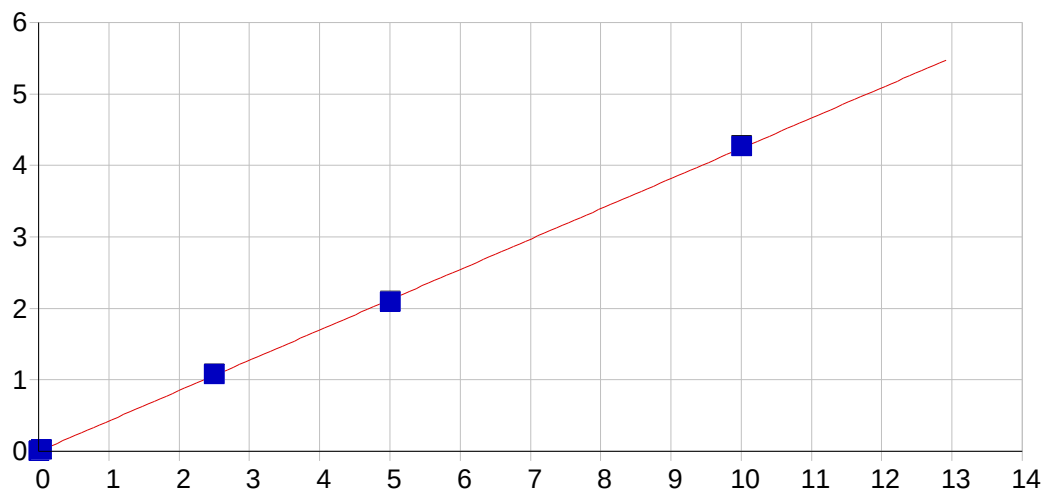


Sn 189.989 {477}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001542 Re-Slope: 1.000000
 A1 (Gain): 0.211481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.001022
 Predicted MQL: 0.003406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00154	.000	1
S1	.04000	.03703	-.003	-7.42	.00937	.000	1
S3	2.5000	2.4474	-.053	-2.10	.51922	.001	1
S4	5.0000	4.8720	-.128	-2.56	1.0321	.000	1
S5	10.000	10.184	.184	1.84	2.1555	.004	1



Ti 336.121 {100}

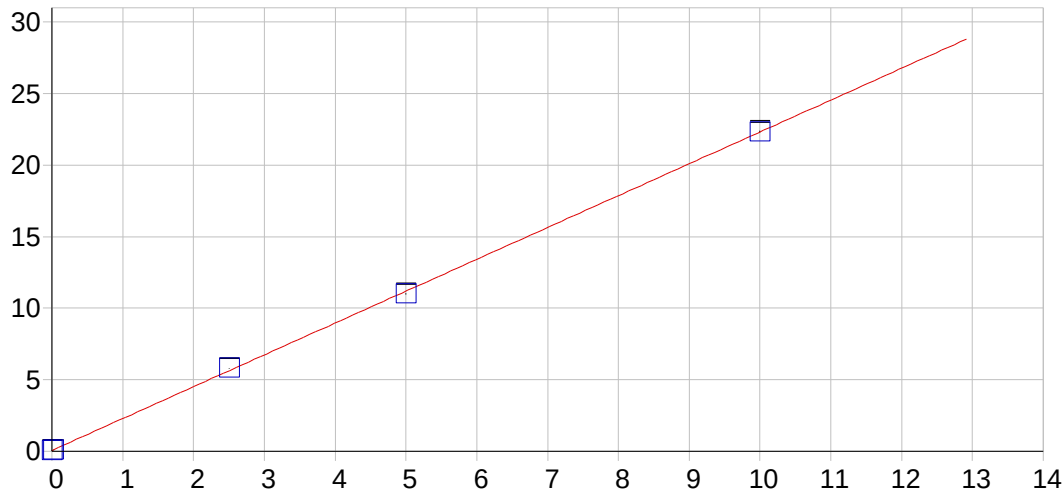
Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001548 Re-Slope: 1.000000
 A1 (Gain): 0.423812 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000133
 Predicted MDL: 0.003342
 Predicted MQL: 0.011139

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00155	.001	1
S1	.04000	.04063	.001	1.57	.01876	.001	1
S3	2.5000	2.5216	.022	.862	1.0701	.005	1
S4	5.0000	4.9282	-.072	-1.44	2.0899	.009	1
S5	10.000	10.050	.050	.497	4.2602	.011	1



Li 670.784 { 50}

Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

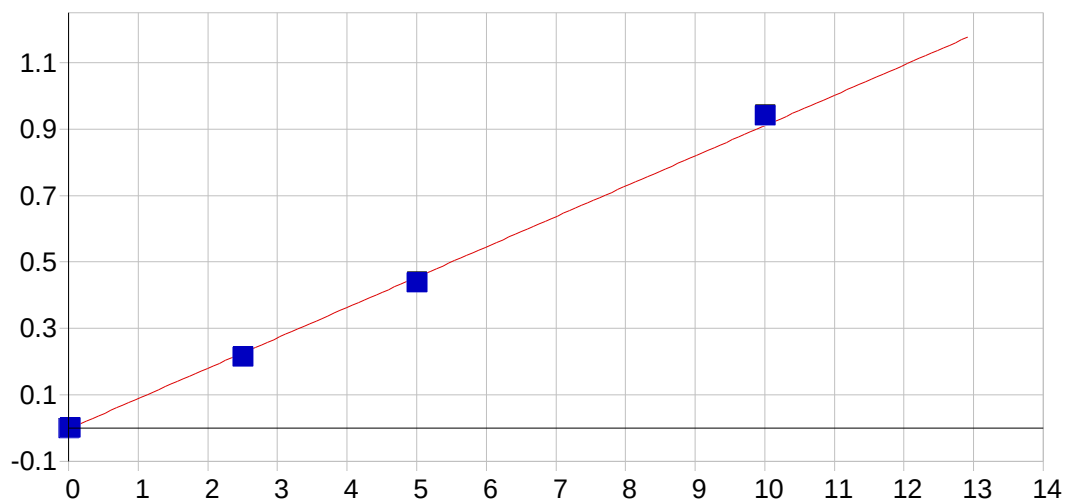
Weighting: 1/Conc

A0 (Offset): 0.062960
 A1 (Gain): 2.226020
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000917
 Predicted MDL: 0.002847
 Predicted MQL: 0.009490

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	.06297	.005	1
S1	.02000	.01471	-.005	-26.4	.09572	.005	1
S3	2.5000	2.5777	.078	3.11	5.8010	.008	1
S4	5.0000	4.9200	-.080	-1.60	11.015	.041	1
S5	10.000	10.008	.008	.076	22.340	.074	1

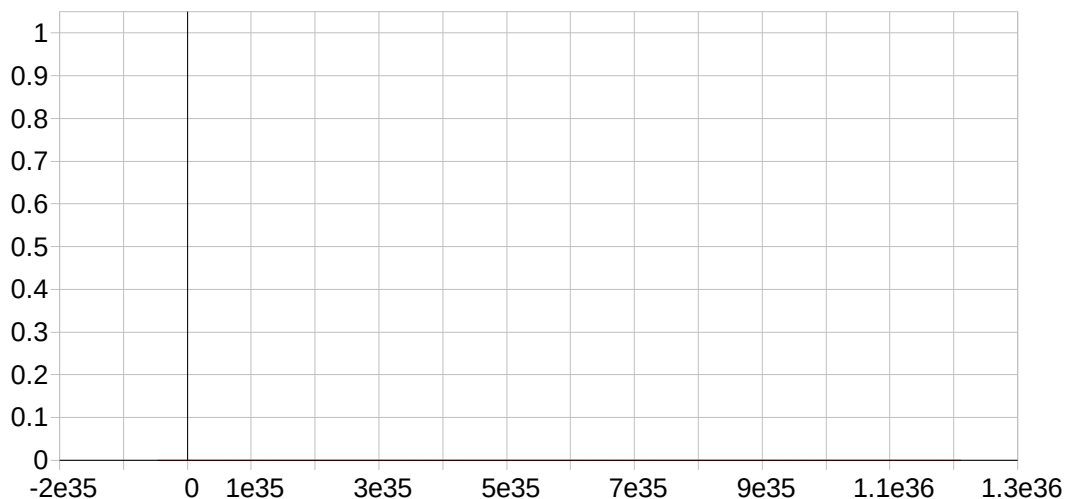


P 177.495 {490}

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002110 Re-Slope: 1.000000
 A1 (Gain): 0.091245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999327 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.002341
 Predicted MQL: 0.007802

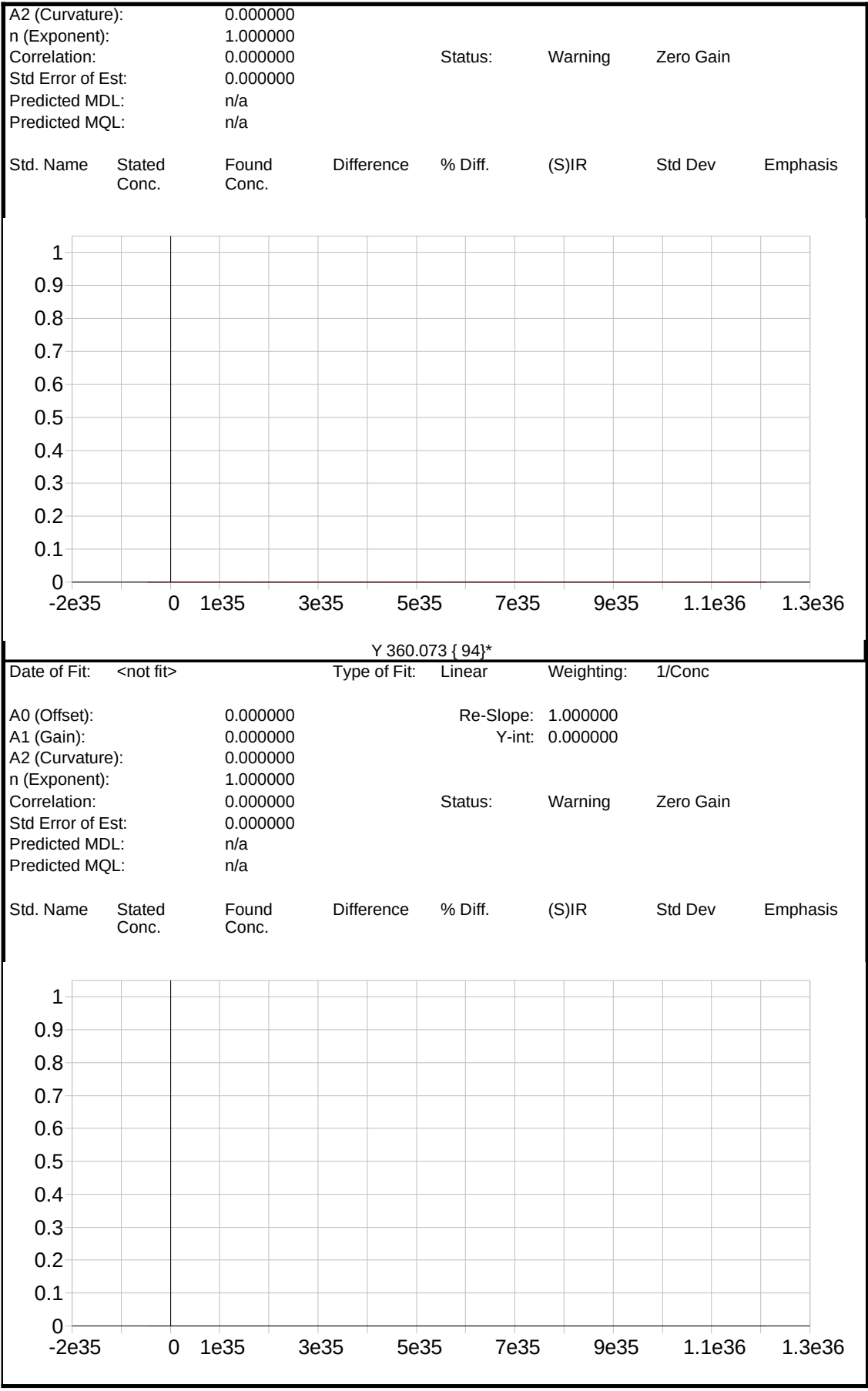
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00211	.000	1
S1	.02000	.01844	-.002	-7.79	-.00043	.000	1
S3	2.5000	2.3667	-.133	-5.33	.21351	.000	1
S4	5.0000	4.8206	-.179	-3.59	.43709	.001	1
S5	10.000	10.314	.314	3.14	.93770	.002	1

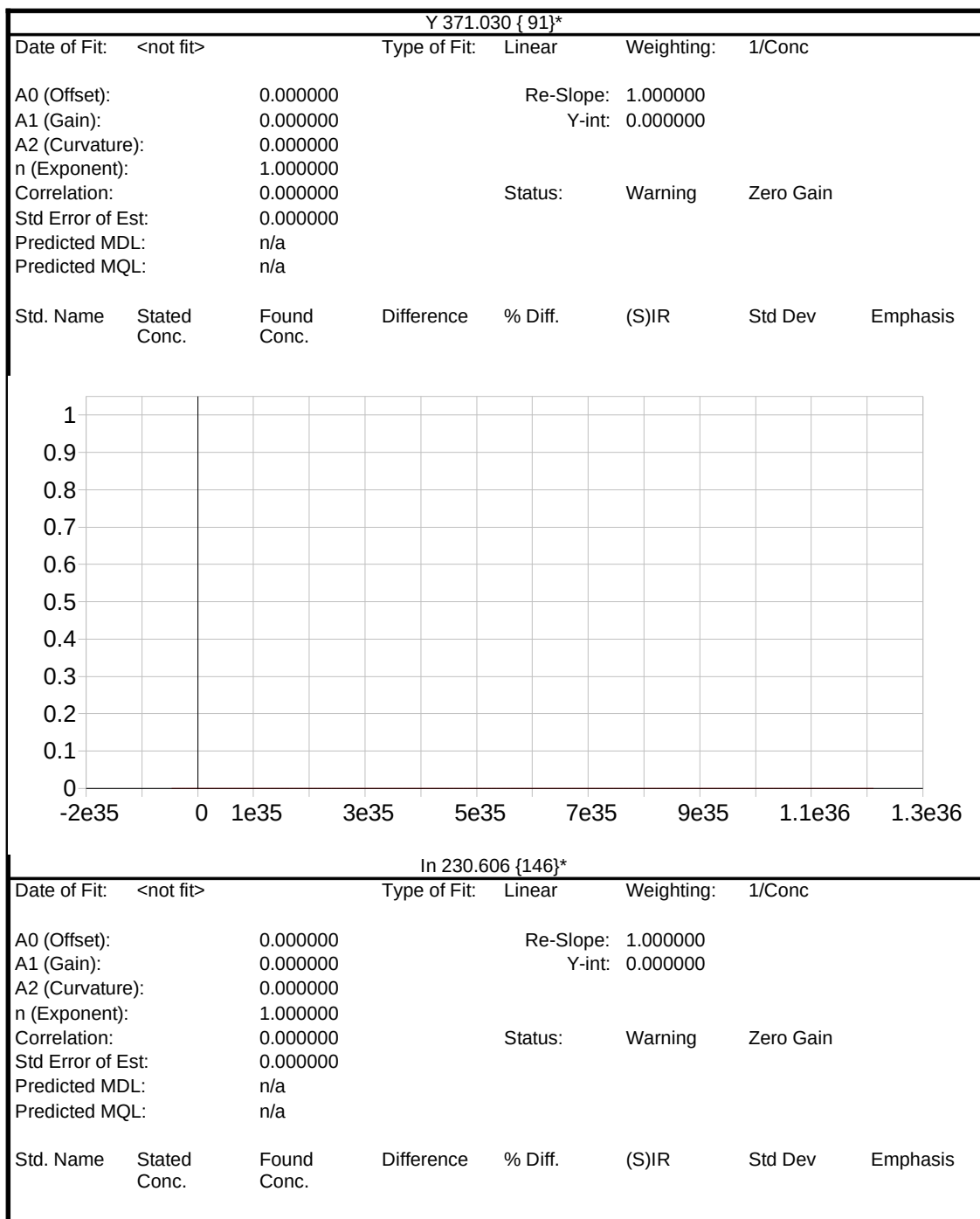


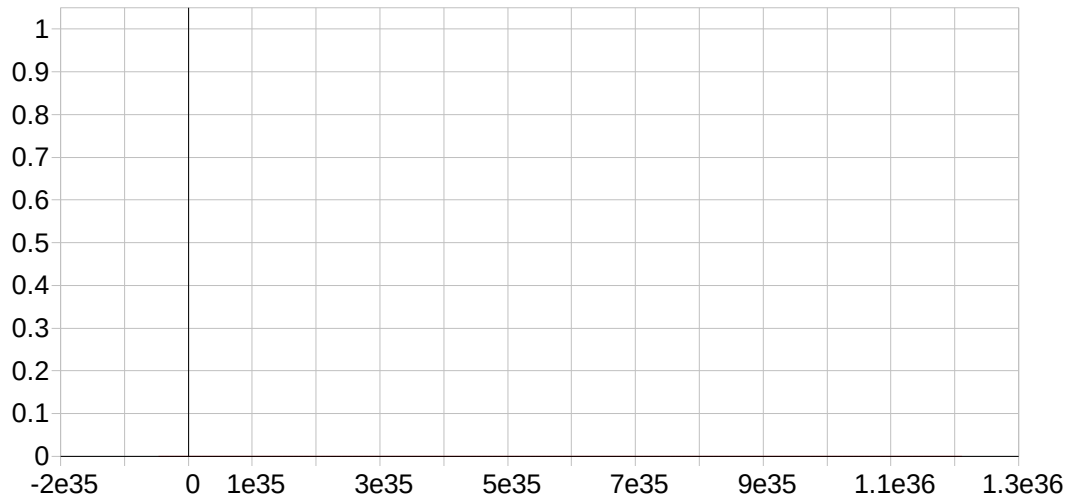
Y 224.306 {450}*

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

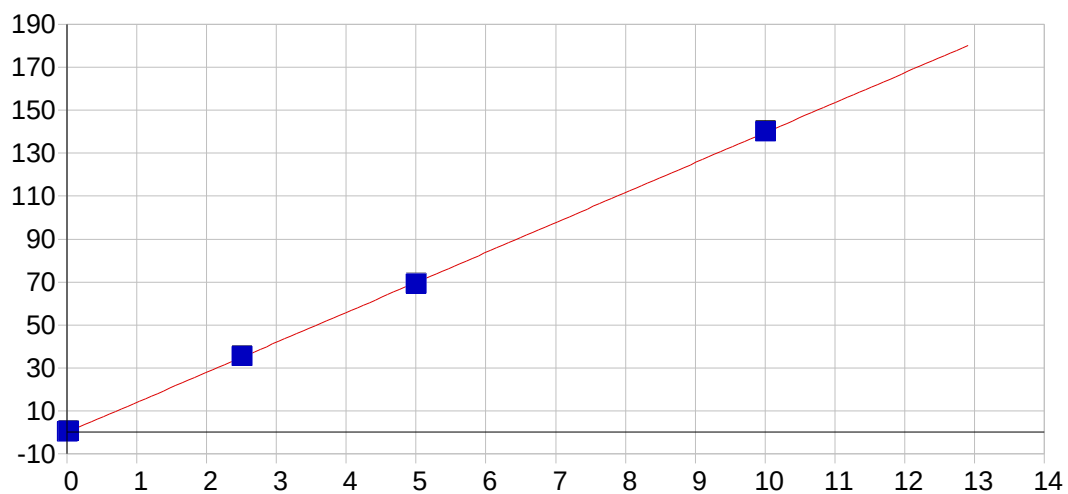
Status: Warning Zero Gain

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: 8/5/2019 15:29:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002587

Re-Slope: 1.000000

A1 (Gain): 13.954967

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999972

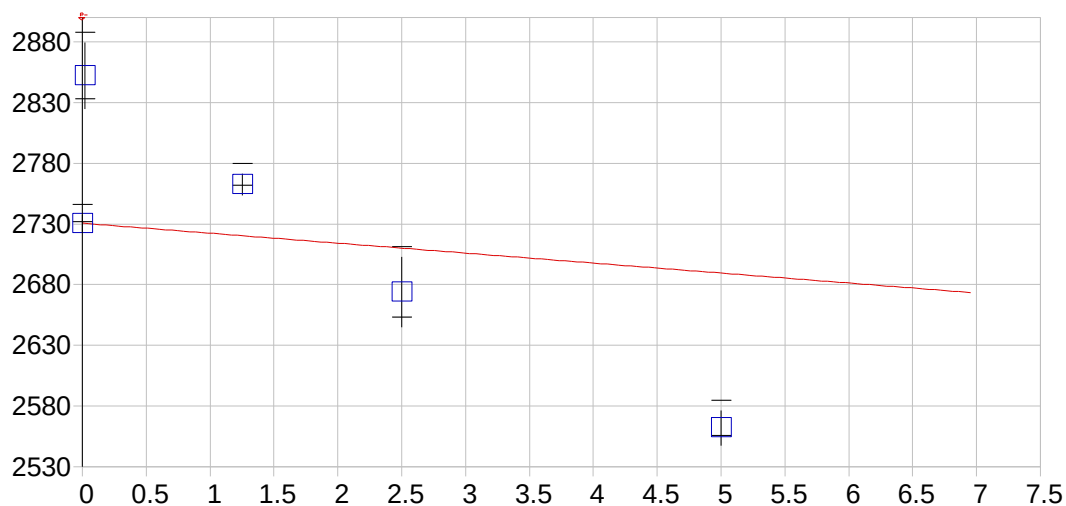
Status: OK.

Std Error of Est: 0.002520

Predicted MDL: 0.000179

Predicted MQL: 0.000595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00261	.001	1
S1	.02000	.02143	.001	7.13	.29794	.003	1
S3	2.5000	2.5284	.028	1.13	35.319	.037	1
S4	5.0000	4.9494	-.051	-1.01	69.143	.176	1
S5	10.000	10.021	.021	.208	139.99	.267	1

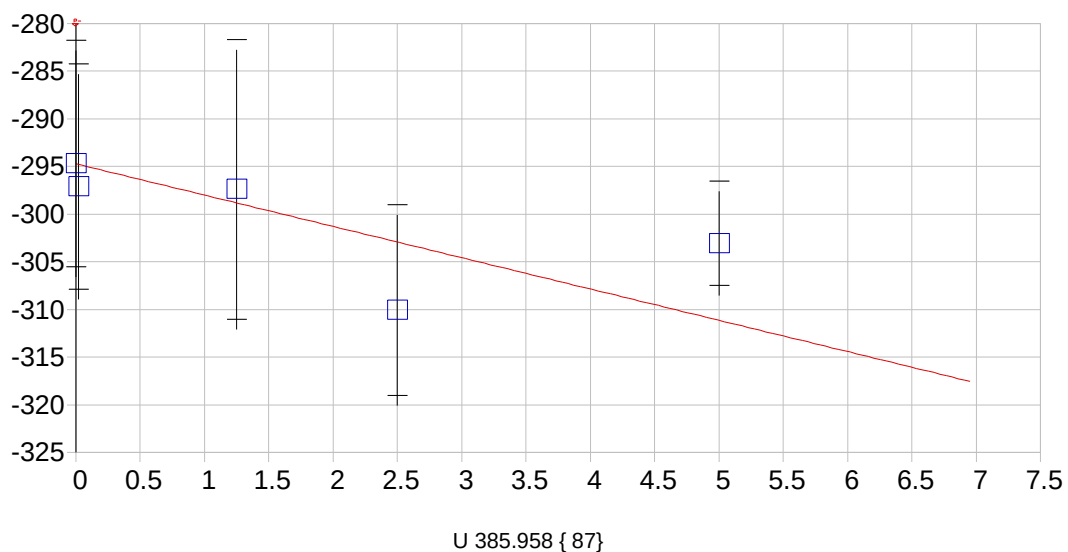


U 367.007 { 92 }

Date of Fit: 8/5/2019 15:29:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2730.579666 Re-Slope: 1.000000
A1 (Gain): -8.205451 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.028139 Status: Warning Negative Gain
Std Error of Est: 4.981119
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.01480	.015	.000	2730.5	7.16	1
S1	.02000	-14.798	-14.8	-74100.	2852.0	27.6	1
S3	1.2500	-3.8792	-5.13	-410.	2762.4	9.04	1
S4	2.5000	6.9006	4.40	176.	2674.0	29.0	1
S5	5.0000	20.546	15.5	311.	2562.0	14.4	1



Date of Fit: 8/5/2019 15:29:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -294.718391

Re-Slope: 1.000000

A1 (Gain): -3.283633

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.484800

Status: Warning Negative Gain

Std Error of Est: 0.101233

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00071	-.001	.000	-294.72	11.9	1
S1	.02000	.73082	.711	3550.	-297.12	11.8	1
S3	1.2500	.81642	-.434	-34.7	-297.40	14.7	1
S4	2.5000	4.6784	2.18	87.1	-310.08	10.0	1
S5	5.0000	2.5444	-2.46	-49.1	-303.07	5.47	1

Sample Name: S0 Acquired: 8/5/2019 12:11:04 Type: Cal
Method: P4-ICP2(v3319) 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	.00102	-.00174	.00750	-.00061	.00019	.00125	-.00309	-.00013
Stddev	.00026	.00008	.00050	.00049	.00032	.00010	.00015	.00007
%RSD	25.223	4.5128	6.6200	79.194	174.40	7.9397	4.8111	49.766
#1	.00124	-.00165	.00758	-.00005	.00037	.00120	-.00296	-.00015
#2	.00074	-.00177	.00697	-.00093	-.00019	.00137	-.00305	-.00006
#3	.00109	-.00179	.00796	-.00086	.00038	.00119	-.00325	-.00019
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	.00033	.00021	.00028	-.00066	.01554	.00184	.00075	.00014
Stddev	.00056	.00067	.00006	.00001	.00034	.00018	.00006	.00008
%RSD	170.93	316.62	20.945	1.1649	2.1686	9.8717	8.5463	55.953
#1	.00092	.00074	.00027	-.00067	.01578	.00176	.00068	.00023
#2	.00026	.00043	.00023	-.00067	.01567	.00172	.00079	.00012
#3	-.00019	-.00054	.00035	-.00065	.01515	.00205	.00079	.00007
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	-.01291	.00019	.00085	.00001	.00632	-.00356	-.00003	.00001
Stddev	.00042	.00003	.00022	.00017	.00043	.00025	.00003	.00002
%RSD	3.2546	13.198	26.277	2136.4	6.8228	6.9719	79.159	126.08
#1	-.01269	.00021	.00096	.00003	.00659	-.00338	-.00000	-.00000
#2	-.01265	.00016	.00060	.00016	.00655	-.00345	-.00004	.00003
#3	-.01340	.00020	.00101	-.00017	.00582	-.00384	-.00005	.00001
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	.00083	.01733	.00154	.00155	.06297	-.0021	-.00261	2730.5
Stddev	.00014	.00174	.00023	.00075	.00468	.0001	.00123	7.2
%RSD	16.436	10.018	14.760	48.720	7.4351	6.427	47.259	.26239
#1	.00093	.01537	.00133	.00237	.06121	-.0023	-.00365	2738.3
#2	.00068	.01868	.00178	.00139	.05942	-.0021	-.00125	2728.9
#3	.00089	.01793	.00152	.00088	.06828	-.0020	-.00293	2724.2

Sample Name: S0 Acquired: 8/5/2019 12:11:04 Type: Cal
Method: P4-ICP2(v3319) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-294.72
Stddev	11.90
%RSD	4.0383

#1	-280.98
#2	-301.40
#3	-301.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.5	25106.	1594.9	24.068	2221.5
Stddev	5.6	100.	20.2	.222	3.2
%RSD	.27332	.39946	1.2684	.92307	.14537

#1	2036.7	24995.	1614.5	23.815	2223.2
#2	2034.0	25133.	1596.2	24.160	2217.8
#3	2044.7	25191.	1574.1	24.230	2223.5

Sample Name: S1 Acquired: 8/5/2019 12:15:30 Type: Cal
Method: P4-ICP2(v3319) 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	.00240	.00521	.01115	.00110	.00900	.00205	.03129	.00750
Stddev	.00037	.00025	.00022	.00017	.00015	.00014	.00017	.00006
%RSD	15.423	4.8375	2.0090	15.584	1.6723	6.9385	.53066	.74107

#1	.00197	.00550	.01141	.00090	.00895	.00206	.03123	.00749
#2	.00266	.00506	.01099	.00117	.00888	.00191	.03148	.00756
#3	.00255	.00507	.01106	.00122	.00917	.00219	.03116	.00745

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	.03196	.00354	.04298	.03443	.01525	.03470	.02217	.00325
Stddev	.00093	.00009	.00067	.00024	.00006	.00027	.00037	.00002
%RSD	2.9100	2.6582	1.5702	.69600	.36148	.78293	1.6584	.71009

#1	.03199	.00361	.04351	.03471	.01525	.03447	.02215	.00322
#2	.03102	.00359	.04222	.03428	.01519	.03500	.02181	.00327
#3	.03287	.00344	.04321	.03431	.01530	.03462	.02254	.00325

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	.01140	.15650	.15178	.00023	.00170	.31294	.00937	.01876
Stddev	.00014	.00023	.00103	.00003	.00021	.00560	.00007	.00075
%RSD	1.2544	.14501	.67725	12.647	12.127	1.7889	.76416	4.0124

#1	.01128	.15630	.15212	.00022	.00154	.31752	.00934	.01851
#2	.01135	.15644	.15062	.00021	.00162	.30670	.00932	.01816
#3	.01156	.15675	.15259	.00027	.00193	.31461	.00946	.01960

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09572	-.0004	.29794	2852.0	-297.12
Stddev	.00454	.0001	.00286	27.6	11.84
%RSD	4.7398	20.87	.95991	.96676	3.9836

#1	.10063	-.0004	.29487	2882.6	-287.89
#2	.09484	-.0005	.29843	2844.4	-293.00
#3	.09168	-.0004	.30052	2829.0	-310.46

Sample Name: S1 Acquired: 8/5/2019 12:15:30 Type: Cal
Method: P4-ICP2(v3319) 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	2072.9	25201.	1595.1	23.385	2257.7
Stddev	3.5	66.	8.2	.618	4.1
%RSD	.16763	.26115	.51671	2.6422	.18238
#1	2069.5	25200.	1585.6	23.990	2253.1
#2	2076.5	25136.	1599.2	22.755	2261.1
#3	2072.8	25267.	1600.4	23.410	2258.9

Sample Name: S2 Acquired: 8/5/2019 12:19:58 Type: Cal
Method: P4-ICP2(v3319) 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	.13308	.00184	.04972	.00932
Stddev	.00218	.00003	.00046	.00024
%RSD	1.6351	1.6737	.91550	2.5999

#1	.13092	.00183	.04952	.00916
#2	.13305	.00181	.04940	.00960
#3	.13527	.00187	.05024	.00920

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	25711.	1611.4
Stddev	108.	8.1
%RSD	.42083	.50576

#1	25608.	1611.8
#2	25824.	1603.0
#3	25701.	1619.3

Sample Name: S3 Acquired: 8/5/2019 12:24:13 Type: Cal
Method: P4-ICP2(v3319) 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	.16180	.42950	.93530	.18917	.40768	.04157	1.6464	.14917
Stddev	.00021	.00099	.00236	.00081	.00057	.00023	.0067	.00036
%RSD	.13011	.23034	.25276	.43054	.14045	.54141	.40441	.23971

#1	.16174	.43044	.93672	.18893	.40759	.04135	1.6397	.14892
#2	.16204	.42960	.93257	.18850	.40829	.04157	1.6467	.14958
#3	.16163	.42847	.93661	.19008	.40715	.04180	1.6530	.14901

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	6.4573	.79046	.14558	1.7769	.57854	.31220	1.9136	.01004
Stddev	.0174	.01007	.00051	.0029	.00080	.00023	.0026	.00005
%RSD	.26952	1.2740	.34785	.16451	.13861	.07253	.13331	.46792

#1	6.4763	.77895	.14614	1.7791	.57890	.31211	1.9136	.01003
#2	6.4422	.79482	.14515	1.7736	.57910	.31204	1.9111	.01009
#3	6.4535	.79762	.14545	1.7780	.57762	.31246	1.9162	.00999

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	1.0047	.18208	.29748	.34631	3.8498	.07738	1.8000	.00594
Stddev	.0016	.00066	.00321	.00123	.0118	.00053	.0025	.00003
%RSD	.15775	.36077	1.0806	.35416	.30574	.68483	.14059	.56157

#1	1.0029	.18193	.29626	.34769	3.8586	.07686	1.8027	.00597
#2	1.0060	.18150	.29505	.34534	3.8364	.07736	1.7997	.00593
#3	1.0050	.18279	.30112	.34592	3.8544	.07792	1.7977	.00591

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	.10962	1.9697	.51922	1.0701	5.8010	.2135	35.319	2762.4
Stddev	.00075	.0047	.00056	.0054	.0083	.0002	.037	9.0
%RSD	.68834	.23877	.10842	.50150	.14386	.1093	.10398	.32737

#1	.11001	1.9751	.51962	1.0672	5.7992	.2132	35.342	2758.7
#2	.10875	1.9667	.51945	1.0668	5.7936	.2136	35.277	2772.7
#3	.11010	1.9673	.51858	1.0763	5.8101	.2137	35.339	2755.8

Sample Name: S3 Acquired: 8/5/2019 12:24:13 Type: Cal
 Method: P4-ICP2(v3319) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-297.40
Stddev	14.67
%RSD	4.9336

#1	-285.61
#2	-292.75
#3	-313.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.9	25093.	1600.5	22.793	2174.0
Stddev	8.1	59.	9.5	.930	9.9
%RSD	.38753	.23645	.59241	4.0822	.45681

#1	2071.6	25025.	1589.9	21.838	2164.2
#2	2087.7	25122.	1603.6	22.846	2184.0
#3	2080.5	25132.	1608.2	23.696	2173.8

Sample Name: S4 Acquired: 8/5/2019 12:28:19 Type: Cal
Method: P4-ICP2(v3319) 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	.31608	.85288	1.8357	.37040	.79328	.07950	3.2484	.29172
Stddev	.00130	.00119	.0034	.00017	.00242	.00085	.0350	.00072
%RSD	.41042	.13939	.18406	.04692	.30459	1.0659	1.0769	.24791

#1	.31655	.85269	1.8365	.37059	.79449	.07854	3.2114	.29245
#2	.31461	.85179	1.8320	.37036	.79050	.08013	3.2810	.29172
#3	.31707	.85415	1.8387	.37025	.79486	.07983	3.2528	.29100

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	12.823	1.5334	.28230	3.5064	1.0992	.60208	3.7293	.01954
Stddev	.020	.0046	.00081	.0029	.0039	.00038	.0043	.00018
%RSD	.15260	.30263	.28692	.08394	.35817	.06334	.11572	.94106

#1	12.830	1.5286	.28296	3.5041	1.1020	.60166	3.7337	.01936
#2	12.801	1.5338	.28140	3.5053	1.0947	.60218	3.7292	.01973
#3	12.838	1.5379	.28255	3.5097	1.1009	.60240	3.7251	.01955

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	1.9796	.35251	.57862	.67783	7.6641	.15413	3.5079	.01153
Stddev	.0045	.00130	.00579	.00056	.0076	.00186	.0092	.00012
%RSD	.22635	.36765	1.0010	.08283	.09883	1.2084	.26364	1.0621

#1	1.9781	.35322	.57270	.67747	7.6727	.15199	3.5136	.01139
#2	1.9762	.35102	.58428	.67847	7.6588	.15506	3.4972	.01157
#3	1.9847	.35330	.57889	.67753	7.6606	.15535	3.5128	.01162

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	.22132	3.8867	1.0321	2.0899	11.015	.4371	69.143	2674.0
Stddev	.00004	.0332	.0002	.0086	.041	.0007	.176	29.0
%RSD	.01949	.85332	.02017	.41065	.37221	.1639	.25526	1.0835

#1	.22129	3.9001	1.0321	2.0804	10.972	.4373	68.939	2705.0
#2	.22131	3.8489	1.0318	2.0921	11.019	.4377	69.254	2669.3
#3	.22137	3.9110	1.0322	2.0972	11.054	.4363	69.235	2647.6

Sample Name: S4 Acquired: 8/5/2019 12:28:19 Type: Cal
 Method: P4-ICP2(v3319) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-310.08
Stddev	10.03
%RSD	3.2351

#1	-304.64
#2	-321.66
#3	-303.94

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.9	24945.	1596.5	22.841	2084.7
Stddev	5.3	22.	14.2	.155	2.4
%RSD	.25774	.08957	.89022	.67706	.11404

#1	2047.7	24937.	1582.8	22.852	2084.5
#2	2054.6	24970.	1611.2	22.991	2087.2
#3	2044.3	24927.	1595.6	22.682	2082.4

Sample Name: S5 Acquired: 8/5/2019 12:32:19 Type: Cal
Method: P4-ICP2(v3319) 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	.65065	1.7640	3.8177	.75746	1.6287	.16277	6.7232	.58927
Stddev	.00274	.0051	.0103	.00335	.0076	.00113	.0501	.00124
%RSD	.42099	.29029	.26929	.44205	.46749	.69122	.74467	.21119
#1	.65035	1.7611	3.8102	.75670	1.6225	.16155	6.6856	.58910
#2	.64807	1.7610	3.8134	.75456	1.6264	.16378	6.7800	.58812
#3	.65352	1.7699	3.8294	.76113	1.6372	.16297	6.7041	.59059
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	26.864	3.1172	.57130	7.3248	2.1943	1.2093	7.4662	.03998
Stddev	.054	.0124	.00069	.0157	.0081	.0041	.0085	.00018
%RSD	.20156	.39860	.12030	.21389	.36936	.33634	.11344	.45548
#1	26.805	3.1133	.57185	7.3148	2.1859	1.2139	7.4760	.03977
#2	26.874	3.1072	.57053	7.3167	2.1952	1.2062	7.4616	.04009
#3	26.912	3.1312	.57153	7.3428	2.2020	1.2079	7.4610	.04009
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	4.1499	.71410	1.1975	1.3798	16.082	.32350	7.1788	.02409
Stddev	.0114	.00177	.0066	.0031	.033	.00303	.0207	.00021
%RSD	.27382	.24829	.54708	.22637	.20218	.93531	.28786	.85571
#1	4.1399	.71613	1.1929	1.3815	16.056	.32185	7.1594	.02386
#2	4.1476	.71334	1.2050	1.3816	16.073	.32699	7.1765	.02427
#3	4.1623	.71283	1.1946	1.3761	16.119	.32165	7.2005	.02414
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	.47435	7.5473	2.1555	4.2602	22.340	.9377	139.99	2562.0
Stddev	.00027	.0249	.0043	.0108	.074	.0023	.27	14.4
%RSD	.05753	.32936	.20017	.25289	.33134	.2417	.19059	.56208
#1	.47462	7.5551	2.1521	4.2500	22.268	.9365	139.88	2545.7
#2	.47407	7.5194	2.1541	4.2591	22.416	.9362	140.30	2573.1
#3	.47434	7.5672	2.1604	4.2715	22.336	.9403	139.80	2567.1

Sample Name: S5 Acquired: 8/5/2019 12:32:19 Type: Cal
 Method: P4-ICP2(v3319) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-303.07
Stddev	5.47
%RSD	1.8059

#1	-297.42
#2	-303.45
#3	-308.35

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.7	24233.	1576.6	21.386	1955.9
Stddev	5.5	109.	6.2	.487	2.0
%RSD	.27745	.44779	.39187	2.2768	.10276

#1	1993.3	24197.	1569.6	21.356	1956.8
#2	1992.4	24146.	1579.0	20.915	1957.4
#3	1983.3	24355.	1581.2	21.887	1953.7

Sample Name: ICV01 Acquired: 8/5/2019 12:36:17 Type: Unk
Method: P4-ICP2(v3319) 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	1.0152	1.0164	1.0299	1.0227	1.0223	2.5803	.50598
Stddev	.0056	.0022	.0075	.0046	.0046	.0104	.00088
%RSD	.54914	.21529	.73067	.45107	.44705	.40402	.17342

#1	1.0102	1.0166	1.0212	1.0188	1.0172	2.5757	.50644
#2	1.0142	1.0184	1.0346	1.0215	1.0258	2.5729	.50496
#3	1.0212	1.0141	1.0338	1.0278	1.0240	2.5922	.50652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49729	.48783	10.318	.51240	.50224	.53694	5.1867
Stddev	.00218	.00287	.072	.00075	.00250	.00216	.0088
%RSD	.43921	.58911	.69325	.14548	.49735	.40221	.16933

#1	.49476	.48538	10.326	.51293	.49937	.53557	5.1863
#2	.49857	.48710	10.243	.51272	.50390	.53582	5.1957
#3	.49852	.49099	10.385	.51155	.50346	.53943	5.1782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51358	6.0690	.50544	.45602	10.104	.50019	.98668
Stddev	.00061	.0824	.00222	.00034	.036	.00189	.00500
%RSD	.11965	1.3582	.43914	.07492	.36125	.37754	.50699

#1	.51289	6.0371	.50341	.45611	10.079	.49808	.98162
#2	.51407	6.1625	.50510	.45564	10.087	.50171	.98681
#3	.51379	6.0072	.50781	.45631	10.146	.50079	.99162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.000	2.5029	2.4111	F .00619	2.4932	2.3951	2.4473
Stddev	.064	.0394	.0226	.00210	.0085	.0337	.0115
%RSD	.63507	1.5743	.93583	34.026	.34022	1.4078	.46947

#1	9.9373	2.4702	2.4297	.00671	2.4972	2.3602	2.4379
#2	10.064	2.4918	2.3860	.00387	2.4834	2.3976	2.4440
#3	9.9986	2.5466	2.4177	.00798	2.4989	2.4275	2.4601

Sample Name: ICV01 Acquired: 8/5/2019 12:36:17 Type: Unk
Method: P4-ICP2(v3319) 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 -.00094	F .0020	F .00656	F<.00000	F 1.2799
Stddev	.00230	.0007	.00018	2.7137	5.3282
%RSD	244.03	36.50	2.6795	27.331	416.29
#1	-.00318	.0015	.00641	-12.872	-.38693
#2	.00142	.0017	.00651	-7.5261	7.2423
#3	-.00108	.0029	.00676	-9.3886	-3.0155
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.9	25462.	1614.6	22.973	2241.6
Stddev	8.1	41.	5.3	.440	6.9
%RSD	.38651	.16152	.32856	1.9136	.30981
#1	2094.6	25415.	1611.2	22.855	2234.6
#2	2109.4	25482.	1620.8	22.605	2241.7
#3	2107.7	25490.	1611.9	23.460	2248.5

Sample Name: LLICV01 Acquired: 8/5/2019 12:43:13 Type: Unk
Method: P4-ICP2(v3319) 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	.02033	.03794	.00999	.02387	.05458	.10881	.09845
Stddev	.00335	.00190	.00090	.00327	.00020	.01674	.00271
%RSD	16.501	5.0071	9.0353	13.699	.36849	15.385	2.7527

#1	.02083	.03919	.01039	.02034	.05443	.12814	.09651
#2	.02341	.03576	.00896	.02447	.05481	.09870	.10154
#3	.01676	.03888	.01063	.02680	.05451	.09961	.09729

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	.00572	2.0443	.01023	.02899	.02038	.10506
Stddev	.00007	.00013	.0150	.00031	.00019	.00045	.00137
%RSD	1.0736	2.2415	.73282	3.0158	.66706	2.2022	1.3065

#1	.00642	.00582	2.0349	.00998	.02877	.02082	.10611
#2	.00628	.00578	2.0363	.01013	.02913	.02040	.10555
#3	.00635	.00558	2.0615	.01058	.02906	.01992	.10350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02196	2.0063	.04050	.01038	1.9403	.04037	.03896
Stddev	.00008	.0885	.00056	.00076	.0196	.00047	.00018
%RSD	.34636	4.4115	1.3737	7.3510	1.0116	1.1754	.46223

#1	.02193	2.1032	.04087	.01075	1.9384	.04075	.03913
#2	.02204	1.9298	.03986	.01090	1.9218	.04053	.03897
#3	.02190	1.9858	.04077	.00951	1.9609	.03984	.03877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9246	.20173	.08863	.01623	.36600	.03573	.04031
Stddev	.0372	.00022	.00816	.00432	.00416	.00039	.00453
%RSD	1.9314	.10936	9.2045	26.627	1.1376	1.1033	11.231

#1	1.8890	.20148	.08975	.01423	.37061	.03598	.03670
#2	1.9217	.20190	.09618	.02119	.36250	.03528	.03884
#3	1.9632	.20181	.07998	.01327	.36490	.03594	.04539

Sample Name: LLICV01 Acquired: 8/5/2019 12:43:13 Type: Unk
 Method: P4-ICP2(v3319) 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	.01829	.0197	.02082	F<.00000	F 1.0650
Stddev	.00054	.0008	.00028	4.5610	3.8698
%RSD	2.9469	4.300	1.3308	22.179	363.35
#1	.01780	.0196	.02050	-24.844	-3.0805
#2	.01887	.0206	.02100	-15.766	1.6935
#3	.01819	.0190	.02095	-21.084	4.5820
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.4	25742.	1619.1	23.103	2304.6
Stddev	2.2	80.	2.1	1.172	5.5
%RSD	.10371	.30918	.13196	5.0752	.23715
#1	2114.1	25654.	1617.1	23.115	2298.4
#2	2116.7	25762.	1621.4	21.925	2306.6
#3	2118.5	25809.	1618.7	24.270	2308.8

Sample Name: ICB01 Acquired: 8/5/2019 12:52:45 Type: Unk
Method: P4-ICP2(v3319) 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	.00061	-.00093	-.00301	-.00200	.00164	-.00378	.00121
Stddev	.00304	.00115	.00092	.00304	.00110	.01389	.00100
%RSD	500.59	123.26	30.581	151.92	66.949	367.19	82.552

#1	-.00116	.00019	-.00226	-.00056	.00278	.00340	.00189
#2	.00411	-.00212	-.00273	-.00550	.00157	-.01979	.00006
#3	-.00113	-.00087	-.00404	.00005	.00058	.00504	.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00004	-.00297	.00015	.00004	-.00092	-.00004
Stddev	.00008	.00009	.02236	.00031	.00029	.00097	.00210
%RSD	203.29	242.01	752.19	204.19	825.08	105.37	5299.1

#1	-.00003	-.00014	.01756	-.00018	-.00030	-.00192	-.00183
#2	.00014	.00001	-.02680	.00019	.00021	.00003	.00226
#3	.00002	.00002	.00032	.00044	.00020	-.00089	-.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.07883	.00080	.00063	-.03838	.00007	-.00075
Stddev	.00006	.07300	.00012	.00050	.01616	.00051	.00011
%RSD	188.26	92.610	15.054	78.927	42.116	711.06	15.113

#1	-.00010	-.13160	.00087	.00047	-.05366	-.00018	-.00063
#2	.00002	-.10937	.00066	.00023	-.04001	-.00027	-.00085
#3	-.00002	.00449	.00088	.00119	-.02146	.00066	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00965	.00040	.00501	-.00354	.00064	-.00037	.00124
Stddev	.06482	.00048	.03752	.00109	.00162	.00062	.00028
%RSD	671.55	120.39	748.27	30.623	254.62	166.49	22.898

#1	.04823	.00071	.01650	-.00476	-.00019	-.00109	.00120
#2	.00250	-.00016	.03545	-.00320	.00251	-.00001	.00155
#3	-.07969	.00065	-.03691	-.00267	-.00040	-.00002	.00098

Sample Name: ICB01 Acquired: 8/5/2019 12:52:45 Type: Unk
Method: P4-ICP2(v3319) 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	-.00446	-.0002	-.00012	F<.00000	F .41350
Stddev	.00190	.0035	.00014	1.0574	4.4727
%RSD	42.538	1751.	116.84	7.1137	1081.7
#1	-.00647	.0006	-.00000	-14.775	-4.2500
#2	-.00270	.0028	-.00028	-13.856	4.6672
#3	-.00420	-.0040	-.00008	-15.965	.82322
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.0	25672.	1611.2	23.653	2290.0
Stddev	5.8	90.	3.5	.555	3.9
%RSD	.27413	.35234	.21675	2.3452	.16998
#1	2099.5	25623.	1607.2	23.495	2285.9
#2	2110.6	25776.	1613.4	24.270	2290.6
#3	2107.8	25616.	1613.0	23.195	2293.7

Sample Name: CRI01 Acquired: 8/5/2019 13:10:04 Type: Unk
Method: P4-ICP2(v3319) 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	.01964	.03672	.01158	.02258	.05366	.10633	.09890
Stddev	.00178	.00195	.00190	.00315	.00325	.02093	.00124
%RSD	9.0415	5.3138	16.414	13.964	6.0531	19.683	1.2554

#1	.02132	.03896	.01133	.02188	.05599	.12394	.09767
#2	.01982	.03579	.01360	.02603	.04995	.11186	.10016
#3	.01778	.03541	.00982	.01984	.05505	.08319	.09887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	.00563	2.0112	.01038	.02885	.02097	.10448
Stddev	.00009	.00001	.0362	.00044	.00031	.00040	.00073
%RSD	1.4902	.17987	1.7978	4.2510	1.0816	1.8992	.70156

#1	.00638	.00562	2.0321	.01019	.02896	.02053	.10526
#2	.00639	.00564	1.9694	.01006	.02909	.02131	.10380
#3	.00622	.00564	2.0319	.01088	.02850	.02106	.10438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02178	1.9805	.04018	.01100	1.9351	.03959	.03842
Stddev	.00009	.0092	.00015	.00088	.0466	.00057	.00015
%RSD	.41162	.46656	.38248	8.0402	2.4106	1.4352	.37766

#1	.02178	1.9706	.04010	.01146	1.8893	.03897	.03841
#2	.02187	1.9820	.04008	.01155	1.9334	.04009	.03857
#3	.02169	1.9889	.04035	.00998	1.9825	.03971	.03828

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8789	.20189	.08170	.01831	.35926	.03438	.03824
Stddev	.0942	.00036	.01287	.00268	.00694	.00127	.00059
%RSD	5.0141	.17889	15.754	14.658	1.9328	3.6807	1.5491

#1	1.9057	.20179	.08929	.01741	.35801	.03326	.03810
#2	1.7742	.20229	.08896	.01620	.36675	.03576	.03889
#3	1.9569	.20158	.06684	.02133	.35303	.03413	.03773

Sample Name: CRI01 Acquired: 8/5/2019 13:10:04 Type: Unk
Method: P4-ICP2(v3319) 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	.01710	.0169	.02073	F<.00000	F 1.5053
Stddev	.00218	.0027	.00024	3.7794	3.1568
%RSD	12.733	15.84	1.1655	36.946	209.71
#1	.01459	.0142	.02051	-14.505	-.14359
#2	.01819	.0195	.02069	-7.3347	-.48552
#3	.01851	.0170	.02098	-8.8491	5.1451
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.0	25682.	1616.2	22.157	2308.1
Stddev	2.2	67.	14.6	1.267	1.7
%RSD	.10317	.26235	.90188	5.7167	.07389
#1	2105.9	25716.	1611.3	23.165	2309.8
#2	2110.2	25726.	1604.8	22.570	2306.4
#3	2108.0	25605.	1632.6	20.735	2308.1

Sample Name: ICSA01 Acquired: 8/5/2019 13:14:29 Type: Unk
Method: P4-ICP2(v3319) 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	.00857	-.01404	.00159	.00698	.00601	280.72	.01087	.00011
Stddev	.00456	.00229	.00247	.00076	.00254	2.04	.00062	.00022
%RSD	53.195	16.285	155.04	10.890	42.271	.72759	5.6757	192.18
#1	.01375	-.01446	.00052	.00636	.00546	278.94	.01039	.00008
#2	.00684	-.01157	.00442	.00675	.00379	280.26	.01065	.00035
#3	.00513	-.01608	-.00016	.00783	.00878	282.95	.01156	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	259.80	.05530	.00018	-.01100	101.20	.01754	284.70
Stddev	.00007	.74	.00057	.00031	.00131	.07	.00016	1.94
%RSD	7.5769	.28570	1.0222	170.91	11.915	.07352	.89840	.68098
#1	-.00083	259.00	.05492	-.00013	-.01040	101.18	.01767	283.36
#2	-.00094	260.46	.05595	.00019	-.01250	101.28	.01757	283.81
#3	-.00081	259.94	.05503	.00049	-.01009	101.13	.01736	286.92
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00601	.02906	.00168	-.01158	.00177	.00080	.01699
Stddev	.00049	.00024	.00847	.00089	.00010	.06545	.00014	.02819
%RSD	105.03	3.9959	29.139	53.148	.83604	3705.1	18.013	165.92
#1	-.00086	-.00614	.02784	.00066	-.01160	-.07378	.00081	.01940
#2	.00008	-.00616	.03807	.00206	-.01148	.03796	.00065	.04389
#3	-.00063	-.00574	.02127	.00231	-.01167	.04112	.00094	-.01233
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	F 5.0487	.01109	.00249	.00461	.0083	.00140	26.410
Stddev	.00731	.0038	.00204	.00083	.00139	.0008	.00025	3.511
%RSD	185.60	.07603	18.373	33.289	30.109	9.361	18.104	13.294
#1	-.00446	5.0478	.01257	.00224	.00342	.0084	.00138	29.667
#2	.00886	5.0528	.01193	.00181	.00614	.0075	.00167	22.691
#3	.00742	5.0453	.00877	.00341	.00428	.0090	.00116	26.873

Sample Name: ICSA01 Acquired: 8/5/2019 13:14:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.4395
Stddev 1.1799
%RSD 26.577

#1 5.7489
#2 4.1109
#3 3.4588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.3	23335.	1564.0	21.650	1898.2
Stddev	5.8	42.	7.5	1.424	6.8
%RSD	.29808	.17895	.48220	6.5757	.35856

#1	1947.7	23377.	1561.5	23.288	1902.3
#2	1943.1	23334.	1558.0	20.946	1901.9
#3	1936.2	23293.	1572.5	20.715	1890.3

Sample Name: ICSAB01 Acquired: 8/5/2019 13:19:09 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11933	.08599	.05447	.06573	.66598	275.63	.58182	.57817
Stddev	.00176	.00046	.00289	.00785	.00380	1.35	.00368	.00194
%RSD	1.4745	.53476	5.2978	11.938	.57131	.48989	.63270	.33608
#1	.12082	.08652	.05160	.07396	.66753	276.93	.58598	.58027
#2	.11739	.08570	.05446	.05833	.66876	274.23	.57899	.57779
#3	.11980	.08576	.05737	.06491	.66164	275.74	.58048	.57644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0656	252.47	.59656	.53395	.51846	99.397	.55563	275.76
Stddev	.0018	1.06	.00184	.00142	.00173	.793	.00167	1.59
%RSD	.16902	.41848	.30914	.26678	.33396	.79804	.30057	.57727
#1	1.0664	252.03	.59828	.53242	.52038	100.24	.55744	277.56
#2	1.0635	253.67	.59461	.53420	.51701	99.287	.55532	275.22
#3	1.0668	251.70	.59679	.53524	.51798	98.665	.55414	274.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0510	.22288	.01127	.54698	1.1094	-.04930	1.1217	1.1788
Stddev	.0012	.00131	.00905	.00170	.0016	.05660	.0008	.0139
%RSD	.11222	.58660	80.332	.31111	.14553	114.80	.06900	1.1754
#1	1.0500	.22355	.01202	.54581	1.1100	-.08811	1.1221	1.1870
#2	1.0507	.22372	.01993	.54620	1.1076	.01564	1.1221	1.1867
#3	1.0523	.22138	.00187	.54893	1.1106	-.07544	1.1208	1.1628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09615	F 5.9015	1.1519	1.1161	F .10985	F .1130	F .11525	28.317
Stddev	.01360	.0406	.0031	.0068	.00120	.0027	.00180	2.071
%RSD	14.146	.68800	.26717	.61211	1.0883	2.379	1.5597	7.3117
#1	.08054	5.9402	1.1495	1.1082	.10859	.1124	.11323	30.217
#2	.10548	5.9051	1.1554	1.1199	.11001	.1160	.11668	28.624
#3	.10243	5.8593	1.1509	1.1201	.11097	.1107	.11583	26.110

Sample Name: ICSAB01 Acquired: 8/5/2019 13:19:09 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3671
Stddev	1.4465
%RSD	61.109

#1	3.9768
#2	1.9483
#3	1.1762

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.8	23255.	1569.3	20.377	1901.5
Stddev	6.8	142.	8.2	1.163	2.3
%RSD	.35207	.61079	.52010	5.7065	.12334

#1	1937.3	23091.	1574.9	20.876	1900.0
#2	1950.8	23338.	1559.9	21.207	1904.2
#3	1946.3	23336.	1573.0	19.048	1900.3

Sample Name: CCV01 Acquired: 8/5/2019 13:23:35 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9952	4.9891	5.0320	5.0092	5.0075	9.9331	10.087	.25375
Stddev	.0070	.0025	.0110	.0124	.0189	.1071	.044	.00051
%RSD	.13967	.05000	.21944	.24695	.37715	1.0780	.43725	.20027
#1	4.9906	4.9893	5.0317	5.0005	5.0085	9.8581	10.041	.25394
#2	5.0032	4.9915	5.0432	5.0234	5.0260	9.8854	10.092	.25317
#3	4.9918	4.9865	5.0212	5.0038	4.9882	10.056	10.129	.25413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4759	25.160	1.0025	2.4826	1.2647	5.0486	2.5373	25.162
Stddev	.0043	.272	.0017	.0006	.0032	.0021	.0034	.424
%RSD	.17534	1.0795	.17306	.02379	.25453	.04146	.13224	1.6848
#1	2.4755	24.900	1.0045	2.4823	1.2684	5.0505	2.5368	24.673
#2	2.4804	25.139	1.0016	2.4833	1.2625	5.0464	2.5343	25.381
#3	2.4718	25.442	1.0015	2.4822	1.2633	5.0489	2.5410	25.431
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4742	1.2528	25.082	2.5002	2.4765	24.889	5.0362	4.9528
Stddev	.0012	.0004	.139	.0078	.0022	.276	.0158	.0587
%RSD	.05013	.03232	.55490	.31100	.09035	1.1098	.31438	1.1853
#1	2.4742	1.2533	24.935	2.5014	2.4758	24.684	5.0369	4.9426
#2	2.4754	1.2527	25.099	2.5073	2.4790	24.780	5.0517	4.8999
#3	2.4730	1.2525	25.212	2.4919	2.4747	25.203	5.0200	5.0159
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9145	5.0404	4.9719	5.0119	4.9466	4.967	5.0464	F 11.452
Stddev	.0166	.0187	.0066	.0502	.0460	.011	.0375	5.615
%RSD	.33697	.37100	.13269	1.0016	.93008	.2127	.74299	49.032
#1	4.9329	5.0262	4.9684	4.9593	4.9013	4.979	5.0046	6.4098
#2	4.9006	5.0333	4.9795	5.0170	4.9452	4.962	5.0572	17.503
#3	4.9101	5.0616	4.9678	5.0593	4.9933	4.960	5.0773	10.442

Sample Name: CCV01 Acquired: 8/5/2019 13:23:35 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5453
Stddev .7302
%RSD 20.596

#1 4.0234
#2 3.9077
#3 2.7048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.0	24904.	1608.6	22.317	2088.1
Stddev	3.9	56.	2.8	1.348	2.0
%RSD	.18989	.22583	.17373	6.0378	.09345

#1	2049.8	24857.	1609.9	21.377	2088.0
#2	2046.2	24966.	1610.6	21.714	2086.2
#3	2054.0	24889.	1605.4	23.861	2090.1

Sample Name: LLCCV01 Acquired: 8/5/2019 13:27:34 Type: Unk
Method: P4-ICP2(v3319) 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	.02137	.03805	.01236	.02261	.05199	.09404	.09911
Stddev	.00251	.00174	.00042	.00493	.00195	.01355	.00045
%RSD	11.756	4.5726	3.3624	21.799	3.7486	14.407	.45908

#1	.02080	.03646	.01193	.01851	.05313	.09971	.09916
#2	.02412	.03991	.01276	.02125	.05310	.10384	.09953
#3	.01920	.03778	.01239	.02808	.04974	.07858	.09863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	.00585	2.0104	.01089	.02951	.02037	.10664
Stddev	.00007	.00002	.0306	.00046	.00030	.00020	.00078
%RSD	1.0198	.38437	1.5198	4.2074	1.0258	1.0045	.73320

#1	.00646	.00583	1.9751	.01074	.02985	.02021	.10663
#2	.00635	.00587	2.0275	.01140	.02940	.02030	.10587
#3	.00648	.00586	2.0285	.01052	.02927	.02060	.10743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02220	1.9905	.04019	.01088	1.9498	.04040	.03882
Stddev	.00007	.0915	.00042	.00102	.0043	.00054	.00017
%RSD	.30720	4.5963	1.0478	9.3318	.22085	1.3463	.43140

#1	.02227	2.0537	.04052	.01140	1.9515	.04102	.03899
#2	.02219	1.8856	.03972	.00971	1.9449	.04018	.03882
#3	.02213	2.0323	.04034	.01153	1.9531	.04000	.03866

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8878	.20458	.09568	F .01507	.36484	.03578	.03902
Stddev	.0790	.00047	.01007	.00130	.00309	.00098	.00244
%RSD	4.1822	.22851	10.525	8.6086	.84661	2.7295	6.2477

#1	1.8229	.20506	.10583	.01434	.36836	.03633	.04173
#2	1.9757	.20456	.08569	.01430	.36256	.03466	.03831
#3	1.8649	.20412	.09553	.01657	.36362	.03636	.03701

Sample Name: LLCCV01 Acquired: 8/5/2019 13:27:34 Type: Unk
 Method: P4-ICP2(v3319) 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 .01427	.0189	.02072	F<.00000	F 6.0079
Stddev	.00098	.0015	.00018	2.4097	1.1498
%RSD	6.8890	7.975	.88438	91.584	19.139
#1	.01443	.0186	.02067	-3.6745	6.6406
#2	.01322	.0205	.02093	.12442	6.7024
#3	.01516	.0175	.02058	-4.3434	4.6807
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.5	25729.	1627.3	23.392	2293.8
Stddev	9.0	51.	10.0	.558	10.9
%RSD	.42670	.19930	.61298	2.3837	.47373
#1	2092.0	25696.	1623.6	23.380	2282.0
#2	2102.7	25788.	1619.6	22.840	2295.9
#3	2109.8	25703.	1638.5	23.955	2303.4

Sample Name: CCB01 Acquired: 8/5/2019 13:32:03 Type: Unk
Method: P4-ICP2(v3319) 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	-.00012	-.00100	-.00182	.00090	.00129	-.01837	.00140
Stddev	.00263	.00079	.00123	.00328	.00101	.02321	.00091
%RSD	2256.1	79.859	67.186	366.31	78.562	126.38	64.783

#1	-.00312	-.00157	-.00041	-.00278	.00023	-.03779	.00041
#2	.00096	-.00133	-.00263	.00353	.00225	-.02465	.00218
#3	.00181	-.00009	-.00243	.00194	.00138	.00734	.00161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00016	.00553	.00030	.00012	-.00090	-.00101
Stddev	.00011	.00001	.02672	.00032	.00026	.00041	.00072
%RSD	228.55	8.6068	482.95	106.35	216.20	45.248	71.566

#1	.00010	-.00015	.02371	.00039	.00009	-.00136	-.00136
#2	.00012	-.00016	.01803	-.00005	.00039	-.00070	-.00018
#3	-.00008	-.00018	-.02514	.00057	-.00012	-.00062	-.00149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02013	.00048	.00073	-.04787	-.00040	-.00078
Stddev	.00005	.03215	.00016	.00046	.00941	.00023	.00006
%RSD	153.19	159.69	33.442	63.542	19.653	58.151	7.2964

#1	.00002	.01321	.00031	.00035	-.05749	-.00024	-.00082
#2	-.00006	-.02267	.00063	.00124	-.03868	-.00029	-.00072
#3	-.00005	-.05093	.00049	.00059	-.04744	-.00067	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	.00022	.00031	-.00626	.00224	-.00140	-.00029
Stddev	.06219	.00023	.01814	.00390	.00078	.00052	.00217
%RSD	2025.3	105.50	5851.6	62.263	34.974	37.003	759.51

#1	-.05157	.00006	-.01974	-.00554	.00147	-.00083	.00219
#2	.06705	.00048	.00507	-.00277	.00304	-.00155	-.00118
#3	-.02469	.00011	.01560	-.01046	.00222	-.00184	-.00187

Sample Name: CCB01 Acquired: 8/5/2019 13:32:03 Type: Unk
 Method: P4-ICP2(v3319) 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	-.00366	-.0003	-.00017	F<.00000	F 1.8410
Stddev	.00089	.0016	.00006	.57106	1.2271
%RSD	24.315	601.7	32.814	15.576	66.652
#1	-.00442	.0015	-.00017	-4.3247	3.0085
#2	-.00388	-.0006	-.00011	-3.3689	.56199
#3	-.00268	-.0017	-.00023	-3.3055	1.9525
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.4	25785.	1622.6	23.515	2293.3
Stddev	2.3	39.	17.5	1.084	1.9
%RSD	.10718	.15287	1.0795	4.6101	.08248
#1	2110.0	25740.	1603.7	23.005	2292.7
#2	2114.0	25807.	1625.7	22.780	2291.8
#3	2110.1	25808.	1638.3	24.760	2295.4

Sample Name: LR CHECK 1 Acquired: 8/5/2019 13:36:59 Type: Unk
Method: P4-ICP2(v3319) 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	.00931	-.19353	-.05191	-.10389	.05422	2072.9	.00995	.04883
Stddev	.00639	.00546	.00844	.00214	.00681	6.3	.00068	.00077
%RSD	68.670	2.8197	16.249	2.0574	12.550	.30196	6.8101	1.5747

#1	.01499	-.19208	-.06137	-.10157	.04904	2066.9	.01053	.04794
#2	.01055	-.18895	-.04516	-.10577	.06193	2079.4	.00921	.04934
#3	.00239	-.19957	-.04921	-.10432	.05170	2072.6	.01012	.04920

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08733	1844.5	-.03705	.07932	1.3220	978.91	.00699	1869.7
Stddev	.00107	2.5	.00060	.00145	.0068	1.67	.00017	5.6
%RSD	1.2230	.13454	1.6250	1.8222	.51465	.17107	2.3689	.30200

#1	.08717	1845.4	-.03767	.07777	1.3152	980.58	.00718	1863.9
#2	.08636	1841.6	-.03647	.07957	1.3288	978.91	.00695	1870.1
#3	.08847	1846.3	-.03700	.08063	1.3220	977.23	.00685	1875.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07987	-.19046	1933.1	.00549	.10340	1079.6	-.01417	-.83895
Stddev	.00183	.00062	6.7	.00080	.00174	3.9	.00130	.06791
%RSD	2.2856	.32647	.34676	14.506	1.6863	.36032	9.1575	8.0943

#1	.07833	-.19002	1931.0	.00465	.10250	1077.0	-.01318	-.87414
#2	.08188	-.19018	1940.6	.00560	.10229	1084.1	-.01370	-.88203
#3	.07939	-.19117	1927.7	.00623	.10541	1077.8	-.01564	-.76067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27734	48.901	.07857	-.05159	.03763	.0960	-1.0631	<.00000
Stddev	.01385	.083	.00071	.00469	.00288	.0128	.0019	1.7031
%RSD	4.9923	.16890	.89869	9.0859	7.6431	13.35	.17941	2.2441

#1	.28826	48.984	.07929	-.04965	.03583	.0897	-1.0650	-73.940
#2	.26177	48.899	.07854	-.05693	.04094	.0876	-1.0632	-77.059
#3	.28200	48.819	.07788	-.04818	.03610	.1108	-1.0612	-76.684

Sample Name: LR CHECK 1 Acquired: 8/5/2019 13:36:59 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 4.9456
 %RSD 1.3769

#1 -360.20
 #2 -353.80
 #3 -363.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.8	18657.	1416.6	18.316	1223.8
Stddev	2.2	37.	5.5	1.284	3.1
%RSD	.14016	.19885	.38473	7.0083	.25680

#1	1604.3	18626.	1410.4	17.190	1224.1
#2	1600.3	18648.	1419.1	19.714	1226.8
#3	1603.9	18698.	1420.4	18.043	1220.5

Sample Name: LR CHECK 2 Acquired: 8/5/2019 13:41:40 Type: Unk
Method: P4-ICP2(v3319) 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	.00598	-.02256	261.62	.02584	-.03658	.02814	95.927	-.00082
Stddev	.00172	.00172	1.47	.00167	.00220	.01691	1.360	.00005
%RSD	28.752	7.6188	.56075	6.4803	6.0232	60.088	1.4173	6.3740

#1	.00622	-.02148	261.00	.02523	-.03785	.02831	94.713	-.00081
#2	.00756	-.02454	260.57	.02774	-.03403	.01115	97.396	-.00088
#3	.00415	-.02166	263.30	.02456	-.03785	.04497	95.672	-.00077

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00702	.37109	-.12224	-.00635	272.03	-.77828	42.078	-.08695
Stddev	.00005	.04293	.00016	.00029	2.89	.00803	.366	.08576
%RSD	.68435	11.568	.13095	4.6234	1.0622	1.0316	.87052	98.635

#1	-.00697	.38122	-.12237	-.00605	270.84	-.77302	41.702	-.18495
#2	-.00706	.40805	-.12230	-.00638	269.93	-.77430	42.434	-.02564
#3	-.00704	.32400	-.12206	-.00663	275.33	-.78752	42.097	-.05025

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.476	.00562	1.0914	-.12641	37.155	1.0383	-.00644	.00589
Stddev	.271	.00066	.0438	.00231	.223	.1148	.00017	.01085
%RSD	.51621	11.693	4.0094	1.8291	.60068	11.055	2.6394	184.33

#1	52.384	.00551	1.1224	-.12412	37.094	1.1466	-.00636	.00981
#2	52.263	.00632	1.1104	-.12874	36.969	1.0502	-.00631	-.00638
#3	52.781	.00502	1.0413	-.12636	37.403	.91797	-.00663	.01423

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06904	-.04313	-.00018	.02521	-.00167	.0658	.00117	14.700
Stddev	.00363	.00353	.00136	.00086	.00175	.0052	.00005	3.697
%RSD	5.2611	8.1728	766.70	3.4005	105.22	7.872	3.9252	25.151

#1	.07316	-.04016	-.00069	.02609	-.00178	.0603	.00116	10.634
#2	.06628	-.04703	-.00120	.02437	.00014	.0666	.00122	15.607
#3	.06768	-.04221	.00136	.02518	-.00337	.0706	.00113	17.860

Sample Name: LR CHECK 2 Acquired: 8/5/2019 13:41:40 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9703
 Stddev 2.9969
 %RSD 100.89

#1 .13733
 #2 2.6657
 #3 6.1078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.8	26720.	1648.5	23.198	2116.9
Stddev	10.8	216.	15.3	.578	14.0
%RSD	.55009	.80714	.92818	2.4932	.66108

#1	1969.0	26938.	1648.9	22.685	2119.2
#2	1974.6	26507.	1663.5	23.825	2129.7
#3	1953.7	26716.	1632.9	23.085	2101.9

Sample Name: PB121961BS Acquired: 8/5/2019 13:46:01 Type: Unk
Method: P4-ICP2(v3319) 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	.79696	2.0363	1.0592	2.0739	.82097	2.0107	.21339
Stddev	.00457	.0027	.0041	.0128	.00278	.0255	.00127
%RSD	.57362	.13035	.38950	.61531	.33870	1.2666	.59512

#1	.79525	2.0382	1.0634	2.0885	.81879	2.0134	.21196
#2	.80214	2.0333	1.0589	2.0683	.82410	1.9840	.21380
#3	.79350	2.0375	1.0552	2.0649	.82003	2.0348	.21440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21129	.19925	1.0793	.42688	.20445	.33818	3.2798
Stddev	.00026	.00039	.0202	.00059	.00056	.00263	.0032
%RSD	.12391	.19503	1.8743	.13716	.27479	.77663	.09835

#1	.21149	.19969	1.0689	.42732	.20492	.34121	3.2816
#2	.21138	.19910	1.0664	.42709	.20383	.33651	3.2761
#3	.21099	.19896	1.1026	.42621	.20460	.33682	3.2818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22034	2.0853	.51428	.07700	3.5369	.31743	.20410
Stddev	.00054	.0668	.00085	.00033	.0114	.00093	.00046
%RSD	.24403	3.2032	.16435	.42608	.32338	.29271	.22709

#1	.22096	2.1471	.51525	.07717	3.5257	.31839	.20462
#2	.21998	2.0944	.51370	.07662	3.5486	.31735	.20374
#3	.22009	2.0144	.51389	.07721	3.5363	.31654	.20393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.526	.40990	.28214	F -.00226	1.0493	.69094	.20481
Stddev	.145	.00005	.01760	.00458	.0102	.00059	.00169
%RSD	1.3820	.01207	6.2367	202.84	.96938	.08569	.82611

#1	10.360	.40996	.26421	-.00503	1.0609	.69162	.20363
#2	10.585	.40988	.29938	.00303	1.0449	.69053	.20675
#3	10.632	.40986	.28283	-.00476	1.0421	.69066	.20405

Sample Name: PB121961BS Acquired: 8/5/2019 13:46:01 Type: Unk
Method: P4-ICP2(v3319) 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	.22729	5.823	.21400	F 13.344	F .42814
Stddev	.00585	.007	.00069	1.352	4.4906
%RSD	2.5728	.1218	.32101	10.131	1048.9

#1	.22752	5.820	.21459	14.860	-3.3600
#2	.23301	5.818	.21416	12.907	-.74422
#3	.22133	5.831	.21324	12.264	5.3886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.6	24981.	1561.3	22.148	2226.7
Stddev	10.3	92.	17.7	.858	9.3
%RSD	.50003	.36712	1.1355	3.8748	.41684

#1	2044.1	24989.	1543.4	21.230	2216.9
#2	2064.0	24885.	1561.8	22.930	2235.4
#3	2058.8	25068.	1578.9	22.285	2227.8

Sample Name: PB121977BS Acquired: 8/5/2019 13:50:10 Type: Unk
Method: P4-ICP2(v3319) 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	.77735	1.9931	1.0217	2.0286	.80538	1.9483	.20336
Stddev	.00272	.0008	.0019	.0051	.00279	.0320	.00109
%RSD	.34950	.04085	.18062	.25063	.34694	1.6412	.53371

#1	.77977	1.9938	1.0211	2.0302	.80218	1.9121	.20332
#2	.77786	1.9922	1.0238	2.0229	.80666	1.9726	.20446
#3	.77441	1.9933	1.0202	2.0327	.80731	1.9602	.20229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20565	.19479	1.0350	.41932	.20024	.32715	3.2059
Stddev	.00039	.00031	.0183	.00186	.00061	.00049	.0028
%RSD	.18795	.15944	1.7661	.44363	.30513	.15019	.08744

#1	.20600	.19498	1.0432	.41938	.20078	.32771	3.2070
#2	.20573	.19497	1.0479	.42115	.20036	.32681	3.2027
#3	.20523	.19443	1.0141	.41743	.19958	.32693	3.2080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21432	2.0008	.50400	.07533	3.2624	.30914	.19880
Stddev	.00043	.0974	.00125	.00071	.0348	.00101	.00036
%RSD	.19884	4.8674	.24748	.93632	1.0653	.32791	.18265

#1	.21410	1.9781	.50530	.07598	3.2670	.30949	.19903
#2	.21481	2.1076	.50281	.07544	3.2947	.30799	.19899
#3	.21405	1.9168	.50388	.07458	3.2256	.30992	.19838

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.090	.40149	.27724	F .00093	1.0204	.67692	.19862
Stddev	.109	.00107	.00537	.00531	.0081	.00238	.00624
%RSD	1.0801	.26618	1.9356	568.98	.79245	.35097	3.1417

#1	9.9701	.40026	.27130	.00360	1.0113	.67960	.19144
#2	10.183	.40224	.27868	.00438	1.0230	.67606	.20177
#3	10.115	.40196	.28174	-.00518	1.0268	.67508	.20267

Sample Name: PB121977BS Acquired: 8/5/2019 13:50:10 Type: Unk
Method: P4-ICP2(v3319) 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	.21969	5.693	.20736	F 3.9445	F<.00000
Stddev	.00314	.009	.00252	1.4017	2.3349
%RSD	1.4312	.1573	1.2131	35.536	598.65

#1	.21659	5.702	.20449	5.0786	-.35524
#2	.21960	5.694	.20838	2.3774	1.9273
#3	.22288	5.684	.20921	4.3774	-2.7421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.2	25324.	1586.9	23.135	2253.8
Stddev	3.5	43.	8.3	.898	4.6
%RSD	.16600	.17036	.52150	3.8798	.20398

#1	2081.1	25291.	1595.3	24.165	2251.0
#2	2076.3	25308.	1586.5	22.520	2251.3
#3	2083.0	25373.	1578.8	22.720	2259.1

Sample Name: PB121974BS Acquired: 8/5/2019 13:54:17 Type: Unk
Method: P4-ICP2(v3319) 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	.77172	1.9857	1.0122	2.0156	.80202	1.9870	.20396
Stddev	.00225	.0037	.0029	.0050	.00295	.0037	.00113
%RSD	.29116	.18859	.29049	.25074	.36737	.18855	.55414

#1	.77372	1.9855	1.0144	2.0100	.80295	1.9907	.20336
#2	.77215	1.9896	1.0089	2.0197	.80438	1.9832	.20526
#3	.76929	1.9821	1.0134	2.0172	.79871	1.9870	.20325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20560	.19447	1.0685	.42566	.20033	.32556	3.2362
Stddev	.00055	.00016	.0159	.00275	.00029	.00166	.0032
%RSD	.26880	.08294	1.4854	.64653	.14483	.50843	.10009

#1	.20510	.19433	1.0698	.42433	.20013	.32401	3.2345
#2	.20620	.19465	1.0837	.42383	.20020	.32730	3.2342
#3	.20551	.19444	1.0520	.42883	.20066	.32535	3.2400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21387	1.9107	.50549	.07447	3.1928	.31138	.19658
Stddev	.00036	.0176	.00099	.00022	.0346	.00118	.00037
%RSD	.16793	.91934	.19557	.29231	1.0827	.37871	.18814

#1	.21415	1.8986	.50462	.07452	3.1728	.31228	.19625
#2	.21347	1.9309	.50657	.07423	3.1727	.31182	.19649
#3	.21400	1.9026	.50528	.07465	3.2327	.31005	.19698

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.023	.40135	.27109	F -.00790	1.0332	.67582	.20444
Stddev	.049	.00140	.02303	.00340	.0044	.00249	.00412
%RSD	.49150	.35004	8.4937	42.960	.42787	.36888	2.0167

#1	10.075	.39988	.24552	-.01177	1.0373	.67346	.20312
#2	10.017	.40268	.27756	-.00540	1.0285	.67557	.20906
#3	9.9776	.40147	.29019	-.00654	1.0337	.67842	.20113

Sample Name: PB121974BS Acquired: 8/5/2019 13:54:17 Type: Unk
 Method: P4-ICP2(v3319) 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	.22047	5.681	.20948	F .56501	F<.00000
Stddev	.00297	.015	.00067	5.7093	1.3289
%RSD	1.3463	.2620	.32169	1010.5	71.985

#1	.22352	5.671	.20871	1.8968	-3.0658
#2	.21759	5.698	.20996	5.4908	-2.0424
#3	.22030	5.674	.20977	-5.6925	-.42992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.7	25206.	1565.0	23.635	2256.1
Stddev	10.0	105.	8.0	1.225	6.5
%RSD	.48011	.41674	.50928	5.1848	.28698

#1	2090.3	25308.	1569.4	23.430	2259.0
#2	2074.2	25098.	1555.8	22.525	2248.6
#3	2092.6	25212.	1569.8	24.950	2260.6

Sample Name: K4140-21 Acquired: 8/5/2019 13:58:24 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS008-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01305	-.00617	.13044	.01077	.00364	50.441	.14894	.00085
Stddev	.00200	.00086	.00130	.00048	.00067	.216	.00064	.00008
%RSD	15.321	13.871	.99655	4.4793	18.515	.42789	.43212	9.4483

#1	.01511	-.00715	.12946	.01122	.00336	50.391	.14932	.00077
#2	.01112	-.00562	.13191	.01026	.00314	50.254	.14930	.00086
#3	.01292	-.00573	.12994	.01084	.00440	50.677	.14819	.00093

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	.69280	.13349	.00617	1.0717	54.400	.18493	1.8098
Stddev	.00009	.01661	.00124	.00016	.0036	.116	.00159	.0633
%RSD	4.6199	2.3976	.92669	2.6567	.33709	.21348	.86204	3.4951

#1	-.00210	.71185	.13262	.00633	1.0746	54.370	.18345	1.7508
#2	-.00193	.68518	.13295	.00601	1.0729	54.302	.18472	1.8019
#3	-.00209	.68136	.13491	.00618	1.0677	54.528	.18662	1.8766

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08490	-.00178	.17593	.08849	.81413	.75556	.00793	-.00113
Stddev	.00059	.00081	.00762	.00176	.00242	.01418	.00028	.00494
%RSD	.69869	45.737	4.3287	1.9843	.29720	1.8768	3.5731	436.74

#1	.08553	-.00221	.18087	.08753	.81223	.76416	.00823	-.00419
#2	.08482	-.00229	.16716	.08743	.81331	.73919	.00787	-.00377
#3	.08435	-.00084	.17977	.09052	.81686	.76332	.00768	.00457

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45793	5.9531	.04697	.51320	.02481	.9942	-.04924	<.00000
Stddev	.00275	.0633	.00077	.00309	.00102	.0062	.00022	5.8891
%RSD	.60063	1.0629	1.6439	.60238	4.1201	.6231	.44346	28.562

#1	.45596	5.8802	.04741	.51128	.02437	1.001	-.04908	-14.932
#2	.46107	5.9935	.04608	.51156	.02408	.9900	-.04915	-20.233
#3	.45676	5.9857	.04742	.51677	.02598	.9913	-.04948	-26.691

Sample Name: K4140-21 Acquired: 8/5/2019 13:58:24 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS008-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3204
Stddev 1.6715
%RSD 26.445

#1 4.8679
#2 5.9460
#3 8.1474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.3	26648.	1686.9	25.003	2309.4
Stddev	10.2	115.	7.5	.447	1.0
%RSD	.46381	.43161	.44680	1.7893	.04208

#1	2193.0	26659.	1678.9	25.475	2309.7
#2	2186.5	26757.	1687.9	24.585	2308.3
#3	2206.4	26527.	1693.9	24.950	2310.2

Sample Name: K4140-22 Acquired: 8/5/2019 14:02:43 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS015-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04219	-.01278	.03719	.02253	.00568	34.675	.29457	.00132
Stddev	.00174	.00109	.00124	.00340	.00166	.290	.00241	.00010
%RSD	4.1221	8.5402	3.3365	15.096	29.288	.83572	.81740	7.8897

#1	.04327	-.01311	.03742	.02089	.00628	34.342	.29189	.00136
#2	.04019	-.01156	.03829	.02644	.00380	34.864	.29656	.00121
#3	.04312	-.01366	.03585	.02025	.00696	34.820	.29526	.00141

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00497	1.5845	.69744	.00587	13.997	145.76	.15701	1.8572
Stddev	.00025	.0113	.00428	.00015	.044	1.25	.00114	.0449
%RSD	5.0267	.71116	.61296	2.5587	.31408	.85916	.72313	2.4188

#1	-.00470	1.5782	.69932	.00595	14.035	144.43	.15801	1.8062
#2	-.00519	1.5777	.69255	.00570	13.949	146.91	.15578	1.8906
#3	-.00502	1.5975	.70046	.00596	14.008	145.95	.15724	1.8749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3676	-.00559	25.119	.25522	.25882	30.958	.00534	1.3166
Stddev	.0032	.00064	.269	.00184	.00106	.211	.00057	.0390
%RSD	.23537	11.407	1.0705	.72224	.40788	.68250	10.666	2.9626

#1	1.3698	-.00626	24.819	.25637	.25878	30.824	.00493	1.2731
#2	1.3639	-.00499	25.340	.25309	.25779	31.201	.00510	1.3483
#3	1.3692	-.00551	25.197	.25619	.25990	30.848	.00599	1.3285

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2915	9.7524	.01761	1.2473	.01947	2.949	-.12567	<.00000
Stddev	.0283	.0226	.00129	.0129	.00044	.002	.00157	4.3497
%RSD	.34144	.23207	7.3453	1.0368	2.2556	.0726	1.2500	26.496

#1	8.2618	9.7329	.01848	1.2367	.01988	2.951	-.12393	-18.909
#2	8.2943	9.7773	.01612	1.2434	.01954	2.947	-.12697	-11.394
#3	8.3182	9.7472	.01822	1.2617	.01901	2.947	-.12612	-18.946

Sample Name: K4140-22 Acquired: 8/5/2019 14:02:43 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS015-0 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.7975
Stddev 4.6605
%RSD 52.974

#1 12.683
#2 3.6302
#3 10.080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.5	25850.	1664.4	23.384	2196.1
Stddev	5.6	95.	18.6	.478	3.3
%RSD	.26357	.36659	1.1157	2.0439	.14804

#1	2121.2	25911.	1643.0	22.900	2192.6
#2	2132.0	25741.	1675.3	23.397	2196.6
#3	2129.2	25899.	1675.0	23.856	2199.0

Sample Name: K4140-23 Acquired: 8/5/2019 14:07:07 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS015-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01029	-.00890	1.3206	.00894	-.03388	11.223	.52960
Stddev	.00214	.00142	.0024	.00308	.00125	.148	.00510
%RSD	20.775	15.976	.18503	34.422	3.6996	1.3195	.96269

#1	.01164	-.00741	1.3215	.00870	-.03309	11.140	.52759
#2	.00783	-.00904	1.3225	.00599	-.03532	11.135	.52581
#3	.01141	-.01025	1.3178	.01213	-.03323	11.394	.53540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00638	2.2347	F 18.391	.01258	27.278	57.392
Stddev	.00008	.00020	.0066	.035	.00008	.048	.105
%RSD	109.62	3.0675	.29383	.18773	.59903	.17772	.18222

#1	.00001	-.00656	2.2374	18.385	.01266	27.250	57.394
#2	-.00007	-.00617	2.2394	18.360	.01255	27.334	57.286
#3	-.00015	-.00641	2.2272	18.429	.01251	27.250	57.496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09633	.40282	38.927	-.00131	13.925	.08960	8.2362
Stddev	.00055	.05800	.100	.00042	.121	.00035	.0177
%RSD	.57530	14.398	.25682	32.267	.86578	.39564	.21540

#1	.09609	.46492	39.004	-.00179	13.895	.08961	8.2492
#2	.09593	.39351	38.962	-.00110	13.822	.08924	8.2435
#3	.09696	.35005	38.814	-.00103	14.058	.08995	8.2160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.090	.00909	.54349	F 11.090	5.6402	.02167	.55678
Stddev	.197	.00038	.01078	.024	.0068	.00022	.00893
%RSD	1.4006	4.1674	1.9841	.21691	.12016	1.0146	1.6034

#1	13.979	.00888	.55575	11.104	5.6329	.02163	.55696
#2	13.973	.00953	.53549	11.103	5.6413	.02148	.56561
#3	14.318	.00886	.53923	11.062	5.6464	.02191	.54776

Sample Name: K4140-23 Acquired: 8/5/2019 14:07:07 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS015-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	1.712	.02625	<.00000	13.315
Stddev	.00179	.005	.00037	3.9195	1.127
%RSD	124.76	.3200	1.4009	72.571	8.4662

#1	.00032	1.716	.02653	-6.6153	14.530
#2	-.00137	1.715	.02638	-1.0179	12.303
#3	-.00326	1.706	.02583	-8.5694	13.112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.3	26248.	1685.3	23.891	2220.8
Stddev	.8	22.	17.2	1.792	5.1
%RSD	.03908	.08455	1.0176	7.5002	.22781

#1	2091.2	26237.	1679.0	22.185	2215.9
#2	2090.6	26274.	1672.3	25.758	2220.6
#3	2092.2	26234.	1704.8	23.732	2226.0

Sample Name: K4140-24 Acquired: 8/5/2019 14:11:21 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP2-182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01500	-.01107	.72385	.00869	-.05063	13.682	1.2236
Stddev	.00210	.00081	.00271	.00399	.00379	.132	.0035
%RSD	13.991	7.3268	.37486	45.891	7.4791	.96368	.28752

#1	-.01401	-.01198	.72693	.01034	-.04738	13.542	1.2195
#2	-.01740	-.01083	.72278	.01159	-.04973	13.699	1.2257
#3	-.01357	-.01041	.72183	.00414	-.05479	13.804	1.2255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	.04277	4.3274	F 37.882	.11214	40.905	8.1254
Stddev	.00004	.00025	.0319	.048	.00015	.067	.0174
%RSD	1.9383	.58543	.73652	.12610	.12983	.16408	.21387

#1	.00198	.04290	4.3259	37.827	.11204	40.899	8.1072
#2	.00192	.04293	4.3600	37.906	.11231	40.975	8.1419
#3	.00192	.04248	4.2963	37.914	.11207	40.841	8.1270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05944	.40223	36.868	.00269	.13692	.04764	7.5568
Stddev	.00036	.00596	.064	.00025	.01486	.00024	.0202
%RSD	.59955	1.4824	.17283	9.2643	10.854	.49638	.26765

#1	.05983	.40203	36.872	.00296	.14092	.04749	7.5690
#2	.05935	.39637	36.930	.00263	.14937	.04791	7.5680
#3	.05914	.40829	36.803	.00247	.12047	.04752	7.5335

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18228	.00313	.01425	F 12.682	3.5313	.00307	.19914
Stddev	.02900	.00044	.00921	.035	.0435	.00062	.00701
%RSD	15.907	14.115	64.605	.27355	1.2303	20.255	3.5213

#1	.21539	.00276	.02486	12.717	3.5726	.00235	.19602
#2	.16138	.00302	.00831	12.648	3.4860	.00338	.19423
#3	.17008	.00362	.00958	12.681	3.5354	.00347	.20717

Sample Name: K4140-24 Acquired: 8/5/2019 14:11:21 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-TP2-182 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00519	2.263	.04373	<.00000	13.859
Stddev	.00252	.007	.00059	3.4332	4.176
%RSD	48.428	.3327	1.3481	596.11	30.134

#1	-.00647	2.271	.04345	-3.5920	13.785
#2	-.00681	2.256	.04333	3.1602	18.072
#3	-.00230	2.262	.04441	-1.2959	9.7200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.6	26154.	1652.0	23.070	2232.3
Stddev	6.0	80.	10.7	.549	7.6
%RSD	.29460	.30604	.64597	2.3805	.33856

#1	2019.2	26213.	1641.8	23.520	2227.9
#2	2017.1	26188.	1663.1	23.231	2227.9
#3	2028.3	26063.	1651.1	22.458	2241.0

Sample Name: K4140-25 Acquired: 8/5/2019 14:15:32 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP2-424 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00400	-.00327	.19670	.00546	-.00266	3.5929	.25552
Stddev	.00123	.00244	.00093	.00274	.00217	.0509	.00198
%RSD	30.715	74.603	.47042	50.188	81.742	1.4162	.77679

#1	-.00419	-.00456	.19700	.00373	-.00342	3.5341	.25323
#2	-.00269	-.00479	.19567	.00863	-.00021	3.6222	.25654
#3	-.00513	-.00046	.19745	.00404	-.00435	3.6223	.25678

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00062	.33772	F 6.9305	.00282	1.8290	5.8580
Stddev	.00010	.00003	.04543	.0141	.00021	.0094	.0126
%RSD	85.414	5.4227	13.451	.20276	7.5882	.51228	.21415

#1	.00001	.00063	.29564	6.9207	.00268	1.8380	5.8505
#2	.00020	.00058	.33164	6.9241	.00307	1.8193	5.8510
#3	.00015	.00065	.38588	6.9466	.00272	1.8297	5.8725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	-.06826	1.0065	.00014	.09880	.01330	.56412
Stddev	.00019	.08902	.0011	.00020	.00212	.00090	.00167
%RSD	2.7427	130.41	.10537	144.48	2.1438	6.7421	.29538

#1	.00668	-.14861	1.0077	.00001	.09959	.01229	.56444
#2	.00664	-.08360	1.0057	.00004	.09640	.01359	.56232
#3	.00698	.02743	1.0062	.00036	.10040	.01401	.56560

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14576	.00081	-.00176	.53236	1.9938	.00129	.15553
Stddev	.08518	.00014	.01341	.00472	.0401	.00039	.00837
%RSD	58.437	17.605	763.68	.88637	2.0121	30.373	5.3802

#1	.11639	.00065	-.01190	.53136	1.9767	.00119	.16467
#2	.07916	.00093	-.00681	.52822	1.9650	.00172	.14826
#3	.24174	.00084	.01344	.53750	2.0396	.00096	.15364

Sample Name: K4140-25 Acquired: 8/5/2019 14:15:32 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-TP2-424 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00549	.6491	-.00169	<.00000	4.9350
Stddev	.00092	.0034	.00013	4.3439	2.6075
%RSD	16.851	.5202	7.8494	27.285	52.837

#1	-.00512	.6515	-.00166	-20.928	2.6072
#2	-.00480	.6507	-.00183	-13.158	7.7527
#3	-.00654	.6453	-.00157	-13.677	4.4451

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.6	26158.	1645.3	23.927	2321.1
Stddev	8.2	68.	10.6	1.109	7.6
%RSD	.38527	.26186	.64698	4.6370	.32551

#1	2117.0	26220.	1633.4	24.220	2315.7
#2	2133.3	26170.	1648.7	22.700	2329.7
#3	2123.7	26085.	1653.8	24.860	2317.9

Sample Name: CCV02 Acquired: 8/5/2019 14:19:53 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15317 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1466	5.1569	5.1637	5.1828	5.1495	10.155	10.385
Stddev	.0053	.0106	.0128	.0049	.0058	.024	.052
%RSD	.10249	.20486	.24875	.09509	.11332	.24026	.50233

#1	5.1491	5.1503	5.1732	5.1796	5.1438	10.146	10.341
#2	5.1405	5.1513	5.1490	5.1804	5.1555	10.182	10.443
#3	5.1502	5.1691	5.1687	5.1885	5.1493	10.136	10.372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26132	2.5355	25.649	1.0215	2.5598	1.2997	5.1735
Stddev	.00111	.0038	.166	.0012	.0025	.0036	.0110
%RSD	.42504	.14989	.64660	.11961	.09628	.27902	.21285

#1	.26261	2.5390	25.484	1.0227	2.5611	1.3038	5.1834
#2	.26066	2.5315	25.647	1.0215	2.5569	1.2970	5.1616
#3	.26071	2.5359	25.816	1.0203	2.5613	1.2982	5.1756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6103	25.848	2.5356	1.2807	25.688	2.5622	2.5431
Stddev	.0031	.268	.0051	.0011	.138	.0048	.0005
%RSD	.11805	1.0366	.20032	.08657	.53742	.18822	.01872

#1	2.6139	25.538	2.5406	1.2817	25.560	2.5670	2.5434
#2	2.6083	26.007	2.5304	1.2809	25.835	2.5574	2.5434
#3	2.6088	25.998	2.5358	1.2795	25.670	2.5621	2.5426

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.302	5.1655	4.9840	5.1251	5.0746	5.1147	5.1046
Stddev	.119	.0059	.0368	.0174	.0361	.0073	.0421
%RSD	.46969	.11361	.73799	.33899	.71079	.14352	.82480

#1	25.340	5.1678	4.9416	5.1390	5.0403	5.1140	5.0668
#2	25.169	5.1699	5.0072	5.1056	5.0714	5.1077	5.0971
#3	25.397	5.1588	5.0033	5.1306	5.1122	5.1223	5.1500

Sample Name: CCV02 Acquired: 8/5/2019 14:19:53 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15317 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9721	5.173	5.1495	F 35.618	5.4369
Stddev	.0396	.009	.0402	1.615	2.1477
%RSD	.79736	.1765	.78105	4.5337	39.502

#1	4.9351	5.184	5.1058	34.827	7.3491
#2	4.9674	5.169	5.1576	34.551	3.1133
#3	5.0139	5.167	5.1850	37.476	5.8483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.1	24521.	1595.7	23.306	2041.0
Stddev	4.4	54.	8.0	.610	4.4
%RSD	.21917	.21854	.50022	2.6177	.21641

#1	2003.1	24483.	1602.2	22.608	2035.9
#2	2006.4	24498.	1598.2	23.574	2043.4
#3	2011.8	24582.	1586.8	23.736	2043.7

Sample Name: CCB02 Acquired: 8/5/2019 14:23:51 Type: Unk

Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000

User: Bin Custom ID1: CCB15317 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	-.00110	-.00021	.00683	.00117	-.00293	.00091	.00003
Stddev	.00079	.00115	.00024	.00502	.00110	.01178	.00103	.00010
%RSD	23.651	105.03	112.94	73.421	94.562	401.65	113.67	337.37

#1	.00415	.00020	.00007	.00291	.00021	.00903	.00169	-.00002
#2	.00337	-.00148	-.00036	.01248	.00238	-.01453	.00129	-.00003
#3	.00256	-.00201	-.00035	.00510	.00092	-.00330	-.00026	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00171	-.00007	.00017	-.00020	.00001	-.00001	-.05320
Stddev	.00007	.01122	.00049	.00026	.00042	.00069	.00005	.00797
%RSD	4381.3	655.20	666.89	152.03	204.83	6771.2	399.84	14.986

#1	.00000	.00936	.00002	.00001	.00008	-.00078	-.00004	-.04493
#2	-.00007	.00694	.00036	.00048	-.00068	.00032	-.00005	-.06084
#3	.00007	-.01116	-.00061	.00004	-.00001	.00050	.00005	-.05383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00009	.04249	-.00033	.00052	.06069	.00054	-.00911
Stddev	.00038	.00106	.00415	.00043	.00003	.08551	.00030	.00898
%RSD	302.25	1157.8	9.7662	129.67	5.4943	140.90	55.750	98.629

#1	.00032	-.00009	.03863	-.00020	.00052	.14929	.00043	-.00560
#2	-.00031	-.00086	.04688	-.00081	.00049	-.02135	.00088	-.00241
#3	.00036	.00123	.04195	.00002	.00054	.05412	.00031	-.01932

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	.00549	-.00168	.00213	-.00160	-.0012	-.00003	8.2902
Stddev	.00607	.00305	.00037	.00178	.00220	.0033	.00013	2.6927
%RSD	196.85	55.550	21.758	83.501	137.56	285.6	382.57	32.481

#1	.00928	.00431	-.00128	.00265	.00043	.0003	.00007	10.593
#2	-.00285	.00896	-.00199	.00015	-.00129	-.0050	.00001	8.9473
#3	.00283	.00321	-.00179	.00360	-.00394	.0011	-.00018	5.3297

Sample Name: CCB02 Acquired: 8/5/2019 14:23:51 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15317 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6425
 Stddev 2.4502
 %RSD 92.721

#1 1.4838
 #2 5.4571
 #3 .98664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.1	25274.	1591.5	23.618	2243.1
Stddev	4.3	100.	5.5	.116	6.5
%RSD	.20722	.39398	.34351	.49073	.29038

#1	2063.4	25198.	1586.7	23.725	2238.8
#2	2069.3	25238.	1590.4	23.635	2239.9
#3	2071.7	25387.	1597.5	23.495	2250.6

Sample Name: PB121961BL Acquired: 8/5/2019 14:28:21 Type: Unk
Method: P4-ICP2(v3319) 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	.00059	-.00009	-.00159	.00366	.00183	-.00142	.00091
Stddev	.00305	.00055	.00177	.00169	.00114	.01980	.00100
%RSD	516.79	642.85	111.40	46.082	62.361	1397.9	109.16

#1	.00208	-.00066	-.00096	.00486	.00058	.02140	.00121
#2	-.00291	.00044	-.00022	.00173	.00282	-.01415	-.00020
#3	.00260	-.00004	-.00360	.00439	.00210	-.01149	.00172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00010	-.02466	.00002	.00001	-.00008	.00074
Stddev	.00011	.00005	.01339	.00027	.00036	.00025	.00051
%RSD	152.78	45.093	54.301	1224.4	3672.6	319.27	69.052

#1	.00015	-.00011	-.02992	-.00020	.00015	-.00024	.00019
#2	-.00005	-.00005	-.03463	.00033	.00027	.00021	.00119
#3	.00012	-.00015	-.00944	-.00006	-.00040	-.00021	.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.13191	.00017	.00079	.03286	-.00008	.00015
Stddev	.00004	.06095	.00062	.00025	.01516	.00061	.00014
%RSD	80.226	46.210	362.64	31.162	46.117	771.98	89.670

#1	.00010	-.06164	-.00050	.00094	.03231	-.00052	.00025
#2	.00003	-.16359	.00031	.00092	.04829	-.00033	-.00000
#3	.00003	-.17049	.00070	.00050	.01799	.00061	.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02126	.00013	.00497	-.00177	.00118	-.00133	.00329
Stddev	.01121	.00062	.01856	.00452	.00163	.00093	.00160
%RSD	52.717	476.88	373.15	255.64	138.14	69.530	48.602

#1	.02289	-.00033	.00058	-.00421	.00258	-.00201	.00152
#2	.00933	-.00011	.02533	.00345	.00156	-.00171	.00373
#3	.03156	.00083	-.01099	-.00454	-.00061	-.00028	.00463

Sample Name: PB121961BL Acquired: 8/5/2019 14:28:21 Type: Unk
Method: P4-ICP2(v3319) 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	-.00103	-.0010	.00005	F 6.0049	F .96755
Stddev	.00223	.0009	.00007	2.6197	2.5643
%RSD	215.27	90.55	145.49	43.625	265.03

#1	.00057	-.0013	.00009	9.0282	3.6545
#2	-.00358	.0000	.00008	4.4065	.70148
#3	-.00010	-.0017	-.00003	4.5801	-1.4533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.1	25117.	1596.1	22.480	2241.2
Stddev	6.6	56.	13.9	1.210	7.4
%RSD	.31780	.22455	.86897	5.3824	.32888

#1	2058.6	25113.	1580.3	23.480	2232.7
#2	2070.2	25063.	1601.4	22.825	2245.3
#3	2069.6	25175.	1606.4	21.135	2245.6

Sample Name: PB121977BL Acquired: 8/5/2019 14:32:51 Type: Unk
Method: P4-ICP2(v3319) 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	-.00223	-.00265	.00086	-.00081	.00089	-.02107	.00136
Stddev	.00303	.00167	.00060	.00478	.00095	.01267	.00031
%RSD	135.97	63.132	69.774	587.74	106.63	60.103	23.070

#1	-.00573	-.00123	.00087	-.00141	.00082	-.03569	.00153
#2	-.00057	-.00449	.00145	-.00527	.00188	-.01332	.00100
#3	-.00039	-.00222	.00025	.00424	-.00002	-.01421	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00009	-.01517	-.00003	-.00018	-.00036	.00082
Stddev	.00005	.00007	.07281	.00068	.00046	.00028	.00068
%RSD	41.641	70.534	479.92	1981.6	258.01	77.797	82.865

#1	.00015	-.00014	.02823	-.00047	-.00060	-.00040	.00114
#2	.00006	-.00012	.02549	.00075	.00031	-.00006	.00004
#3	.00014	-.00002	-.09923	-.00039	-.00024	-.00062	.00127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02969	.00008	.00053	-.00200	-.00061	-.00011
Stddev	.00005	.02824	.00058	.00058	.00809	.00099	.00003
%RSD	155.76	95.110	718.23	110.55	405.28	161.89	30.725

#1	.00003	-.06188	.00020	.00081	-.00894	-.00155	-.00015
#2	-.00005	-.00909	-.00055	.00091	.00689	-.00070	-.00011
#3	-.00008	-.01811	.00059	-.00014	-.00393	.00042	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02891	.00048	.00285	.00174	-.00064	-.00173	.00153
Stddev	.06894	.00029	.01391	.00135	.00225	.00046	.00404
%RSD	238.48	59.891	488.76	77.616	351.24	26.580	263.28

#1	-.10054	.00041	.00512	.00281	.00138	-.00198	.00137
#2	-.02316	.00024	-.01206	.00220	-.00307	-.00200	.00565
#3	.03698	.00080	.01548	.00022	-.00023	-.00120	-.00242

Sample Name: PB121977BL Acquired: 8/5/2019 14:32:51 Type: Unk
Method: P4-ICP2(v3319) 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	-.00406	.0007	.00006	F 11.283	F 4.0803
Stddev	.00356	.0019	.00014	6.286	1.4686
%RSD	87.760	281.1	234.03	55.712	35.993

#1	-.00815	.0026	.00009	16.189	2.9438
#2	-.00237	.0006	-.00009	13.463	5.7386
#3	-.00165	-.0012	.00018	4.1972	3.5585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.0	25370.	1588.3	22.318	2236.7
Stddev	3.7	126.	18.1	.967	8.9
%RSD	.18031	.49700	1.1370	4.3345	.39896

#1	2060.7	25367.	1568.3	21.785	2226.4
#2	2067.4	25497.	1593.2	21.735	2241.6
#3	2066.9	25245.	1603.4	23.435	2242.0

Sample Name: PB121974BL Acquired: 8/5/2019 14:37:21 Type: Unk
Method: P4-ICP2(v3319) 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	.00103	-.00157	-.00208	.00438	.00108	-.00387	.00079
Stddev	.00296	.00185	.00031	.00071	.00138	.02376	.00103
%RSD	287.16	117.40	15.175	16.247	127.47	613.32	130.19

#1	-.00132	-.00023	-.00178	.00515	.00221	-.02249	.00183
#2	.00005	-.00368	-.00205	.00375	.00150	-.01202	.00077
#3	.00436	-.00081	-.00240	.00425	-.00046	.02289	-.00023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00005	.01646	-.00007	.00010	-.00093	.00028
Stddev	.00004	.00011	.02199	.00026	.00012	.00032	.00139
%RSD	6195.5	226.13	133.57	386.11	115.33	34.731	500.65

#1	.00003	-.00013	.03169	-.00037	.00024	-.00095	-.00113
#2	.00002	-.00009	.02645	.00014	.00005	-.00059	.00164
#3	-.00005	.00008	-.00875	.00002	.00002	-.00124	.00032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.09060	-.00020	.00044	.00158	-.00050	-.00032
Stddev	.00013	.04742	.00026	.00059	.00750	.00056	.00009
%RSD	702.23	52.346	132.76	135.39	473.38	111.37	28.445

#1	.00015	-.09299	-.00044	.00025	-.00081	-.00104	-.00022
#2	.00001	-.04202	.00008	.00110	-.00442	.00007	-.00039
#3	-.00011	-.13678	-.00023	-.00004	.00999	-.00054	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01295	.00004	-.00269	-.00595	.00416	-.00203	-.00240
Stddev	.04773	.00012	.01500	.00358	.00206	.00019	.00397
%RSD	368.55	276.04	557.67	60.168	49.381	9.4521	165.09

#1	-.01276	-.00009	.00342	-.00977	.00438	-.00223	-.00331
#2	-.06077	.00013	-.01977	-.00266	.00201	-.00186	-.00584
#3	.03468	.00009	.00829	-.00542	.00610	-.00199	.00194

Sample Name: PB121974BL Acquired: 8/5/2019 14:37:21 Type: Unk
Method: P4-ICP2(v3319) 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	-.00466	-.0000	.00003	F 9.1151	F 4.8040
Stddev	.00169	.0012	.00010	3.8753	1.9543
%RSD	36.359	6170.	390.52	42.515	40.681

#1	-.00295	.0013	.00007	13.552	3.8937
#2	-.00468	-.0010	.00009	6.3909	3.4708
#3	-.00634	-.0004	-.00009	7.4027	7.0473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.6	25329.	1590.0	23.112	2243.6
Stddev	5.7	63.	6.8	.593	4.4
%RSD	.27322	.24825	.42927	2.5646	.19721

#1	2062.3	25259.	1582.3	23.130	2238.7
#2	2073.2	25379.	1592.9	22.510	2244.8
#3	2070.4	25350.	1595.0	23.695	2247.3

Sample Name: K4140-26 Acquired: 8/5/2019 14:46:10 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP3-000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13689	-.02435	1.3768	.00687	.73851	24.474	1.5413
Stddev	.00760	.00206	.0068	.00482	.00635	.260	.0136
%RSD	5.5506	8.4605	.49074	70.177	.85945	1.0640	.88193

#1	-.13260	-.02655	1.3721	.00745	.74582	24.196	1.5258
#2	-.14566	-.02247	1.3738	.00178	.73435	24.515	1.5470
#3	-.13241	-.02403	1.3846	.01137	.73537	24.712	1.5511

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00037	4.1558	F 204.30	.03528	187.78	19.666
Stddev	.00013	.00015	.0394	1.98	.00097	1.40	.028
%RSD	26.754	40.932	.94866	.96825	2.7373	.74453	.14174

#1	.00058	.00036	4.1139	202.35	.03461	188.06	19.634
#2	.00056	.00053	4.1611	204.24	.03639	186.27	19.686
#3	.00034	.00022	4.1922	206.31	.03484	189.02	19.677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02377	.27523	F 83.316	.00346	.18955	.14283	13.756
Stddev	.00014	.12817	.157	.00024	.01170	.00885	.026
%RSD	.58603	46.567	.18824	6.9131	6.1711	6.1940	.19098

#1	.02363	.14272	83.176	.00365	.17629	.13349	13.733
#2	.02391	.39857	83.287	.00319	.19842	.14390	13.752
#3	.02378	.28442	83.486	.00354	.19395	.15109	13.785

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94123	.01932	.26322	F 29.116	6.0541	.07540	.24292
Stddev	.02781	.00040	.00249	.017	.0190	.00075	.00501
%RSD	2.9541	2.0959	.94684	.05777	.31295	.99800	2.0612

#1	.95305	.01939	.26228	29.105	6.0755	.07465	.23797
#2	.90947	.01968	.26605	29.109	6.0469	.07539	.24280
#3	.96117	.01888	.26134	29.136	6.0397	.07615	.24798

Sample Name: K4140-26 Acquired: 8/5/2019 14:46:10 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-TP3-000 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	F 10.11	.02230	5.6470	22.165
Stddev	.00346	.02	.00013	2.1999	1.143
%RSD	85.846	.2187	.58475	38.957	5.1551

#1	-.00044	10.08	.02218	5.5518	23.220
#2	-.00733	10.12	.02229	3.4963	20.951
#3	-.00431	10.12	.02244	7.8930	22.324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.2	26132.	1656.9	22.291	2092.4
Stddev	4.2	78.	5.0	1.436	5.7
%RSD	.26880	.29918	.30411	6.4438	.27421

#1	1580.1	26211.	1651.5	23.195	2098.6
#2	1576.7	26130.	1657.5	20.634	2091.4
#3	1571.7	26054.	1661.5	23.042	2087.2

Sample Name: K4140-27 Acquired: 8/5/2019 14:50:38 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP3-062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00770	-.01033	.37611	.02472	-.07590	13.019	.67626
Stddev	.00146	.00317	.00142	.00308	.00349	.028	.00173
%RSD	19.011	30.675	.37734	12.476	4.5959	.21639	.25631

#1	-.00934	-.01114	.37772	.02565	-.07349	13.003	.67720
#2	-.00723	-.01302	.37558	.02724	-.07431	13.002	.67425
#3	-.00653	-.00684	.37503	.02128	-.07990	13.051	.67731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	.00006	5.8610	F 34.591	.14028	20.812	11.667
Stddev	.00015	.00013	.0736	.069	.00041	.010	.025
%RSD	5.7016	208.66	1.2562	.19942	.29324	.04642	.21782

#1	.00249	.00016	5.9269	34.568	.14000	20.803	11.670
#2	.00245	.00011	5.8745	34.536	.14075	20.810	11.640
#3	.00272	-.00008	5.7815	34.669	.14009	20.822	11.691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07125	.29552	F 75.234	-.00035	.11121	.05303	10.338
Stddev	.00050	.09521	.129	.00107	.02715	.00039	.019
%RSD	.69943	32.219	.17151	307.39	24.412	.74182	.18735

#1	.07128	.40302	75.376	.00060	.08849	.05346	10.356
#2	.07073	.22183	75.125	-.00150	.10387	.05270	10.317
#3	.07173	.26171	75.201	-.00014	.14128	.05293	10.339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76088	.00327	.07336	F 25.349	2.9484	.01798	.24480
Stddev	.02561	.00010	.01786	.150	.0482	.00023	.00095
%RSD	3.3652	2.9436	24.353	.59188	1.6333	1.2923	.38683

#1	.76245	.00325	.05393	25.422	2.9871	.01790	.24538
#2	.78566	.00337	.08908	25.449	2.9637	.01779	.24531
#3	.73452	.00318	.07705	25.177	2.8945	.01824	.24371

Sample Name: K4140-27 Acquired: 8/5/2019 14:50:38 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP3-062 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00527	3.339	.04390	13.280	13.572
Stddev	.00122	.008	.00064	4.848	3.383
%RSD	23.123	.2316	1.4526	36.503	24.925

#1	-.00415	3.339	.04404	17.443	15.243
#2	-.00657	3.347	.04445	14.441	15.794
#3	-.00511	3.332	.04320	7.9577	9.6788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.3	26235.	1662.8	23.205	2183.6
Stddev	2.0	64.	8.2	.762	5.7
%RSD	.09480	.24409	.49226	3.2853	.26009

#1	2056.7	26272.	1659.2	23.665	2177.8
#2	2059.5	26272.	1657.0	23.625	2189.2
#3	2055.7	26161.	1672.2	22.325	2183.8

Sample Name: K4140-28 Acquired: 8/5/2019 14:54:50 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP5-122 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02798	-.04087	1.7984	.04536	.04377	58.464	1.8622
Stddev	.00224	.00150	.0002	.00508	.00874	.328	.0073
%RSD	8.0195	3.6749	.01246	11.209	19.979	.56035	.39470

#1	.03056	-.04145	1.7982	.04659	.03633	58.724	1.8694
#2	.02653	-.03916	1.7982	.03978	.04158	58.572	1.8625
#3	.02683	-.04199	1.7986	.04972	.05340	58.096	1.8547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01115	.06832	12.579	F 10.652	.14966	22.143	459.48
Stddev	.00059	.00012	.112	.030	.00016	.017	2.33
%RSD	5.2984	.17632	.88894	.28612	.10890	.07516	.50794

#1	.01180	.06827	12.636	10.685	.14982	22.154	459.97
#2	.01063	.06823	12.651	10.624	.14949	22.124	461.52
#3	.01103	.06845	12.450	10.648	.14967	22.152	456.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1711	2.2916	11.608	.13000	.25024	.10607	F 87.731
Stddev	.0062	.1048	.007	.00044	.01289	.00134	.404
%RSD	.11901	4.5715	.05926	.33505	5.1504	1.2591	.46070

#1	5.1782	2.3704	11.600	.12975	.24029	.10635	87.449
#2	5.1670	2.1727	11.613	.13050	.24564	.10462	87.550
#3	5.1680	2.3317	11.610	.12974	.26480	.10725	88.194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4522	.04631	.00812	5.6749	F 26.320	.32619	2.3678
Stddev	.0754	.00071	.01410	.0199	.116	.00293	.0159
%RSD	5.1948	1.5244	173.63	.34999	.43886	.89940	.66942

#1	1.5352	.04712	.01865	5.6978	26.355	.32321	2.3850
#2	1.4337	.04596	.01362	5.6627	26.414	.32627	2.3538
#3	1.3878	.04585	-.00790	5.6643	26.191	.32908	2.3645

Sample Name: K4140-28 Acquired: 8/5/2019 14:54:50 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP5-122 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01057	4.579	-.40548	<.00000	F<.00000
Stddev	.00138	.006	.00256	2.9885	4.8098
%RSD	13.066	.1368	.63204	3.8939	6.9460

#1	.01164	4.574	-.40608	-78.494	-68.954
#2	.00901	4.578	-.40769	-73.298	-64.589
#3	.01105	4.586	-.40267	-78.454	-74.195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.0	26579.	1740.2	21.987	2020.1
Stddev	2.5	129.	11.9	1.304	.1
%RSD	.11661	.48360	.68141	5.9315	.00520

#1	2148.6	26494.	1739.4	20.852	2020.2
#2	2152.9	26515.	1728.7	21.699	2020.1
#3	2148.5	26726.	1752.4	23.412	2020.0

Sample Name: K4140-29 Acquired: 8/5/2019 14:59:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP5-243 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.15687	k .04973	k 1.9092	k -.10659	k 5.5218	14.386	2.3185
Stddev	.00634	.00150	.0086	.00698	.0172	.123	.0221
%RSD	4.0399	3.0073	.44952	6.5447	.31225	.85800	.95467

#1	k -.16316	k .05136	k 1.9069	k -.11370	k 5.5019	14.494	2.3418
#2	k -.15697	k .04841	k 1.9187	k -.09976	k 5.5319	14.251	2.3162
#3	k -.15048	k .04943	k 1.9020	k -.10631	k 5.5317	14.413	2.2977

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	k -.00635	19.766	kF 285.33	k .38854	k 132.66	k 238.53
Stddev	.00039	.00041	.162	2.37	.00153	.51	.24
%RSD	35.680	6.4343	.81719	.82922	.39250	.38360	.10132

#1	-.00143	k -.00590	19.817	k 287.51	k .38999	k 132.40	k 238.72
#2	-.00114	k -.00647	19.895	k 282.81	k .38867	k 133.24	k 238.26
#3	-.00067	k -.00670	19.585	k 285.67	k .38695	k 132.33	k 238.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50287	.46126	kF 401.36	k -.04456	1.1346	^ *****	kF 69.644
Stddev	.00200	.10029	2.27	.00026	.0234	-----	.360
%RSD	.39820	21.743	.56551	.58772	2.0606	-----	.51635

#1	.50518	.54783	k 399.61	k -.04428	1.1609	^ -----	k 69.821
#2	.50174	.35136	k 403.93	k -.04479	1.1267	^ -----	k 69.230
#3	.50168	.48460	k 400.55	k -.04462	1.1162	^ -----	k 69.880

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7990	.02397	k .19405	kF 24.333	k .00133	k .98330	k .43083
Stddev	.0866	.00048	.01385	.094	.02794	.00094	.00547
%RSD	1.1106	2.0056	7.1381	.38818	2103.7	.09539	1.2691

#1	7.8981	.02353	k .19271	k 24.360	k .01963	k .98256	k .43677
#2	7.7375	.02391	k .18092	k 24.412	k .01519	k .98435	k .42972
#3	7.7615	.02448	k .20853	k 24.228	k -.03083	k .98299	k .42600

Sample Name: K4140-29 Acquired: 8/5/2019 14:59:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP5-243 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00410	kF 51.31	k .36095	72.951	86.170
Stddev	.00043	.26	.00152	.788	2.799
%RSD	10.608	.5059	.42195	1.0804	3.2478

#1	.00416	k 51.22	k .36034	72.627	85.657
#2	.00450	k 51.60	k .36268	72.377	89.189
#3	.00364	k 51.11	k .35983	73.850	83.663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.5	24151.	1591.9	20.173	1835.8
Stddev	2.3	74.	15.3	.540	7.3
%RSD	.17892	.30824	.96154	2.6785	.39603

#1	1291.2	24066.	1603.4	20.564	1842.0
#2	1289.3	24204.	1574.5	20.399	1827.8
#3	1293.9	24184.	1597.7	19.557	1837.7

Sample Name: K4140-30 Acquired: 8/5/2019 15:04:02 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP6-010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01491	-.02637	5.1734	.01969	.32387	95.391	1.6489
Stddev	.00759	.00248	.0173	.00111	.01600	.582	.0169
%RSD	50.932	9.4097	.33424	5.6529	4.9389	.61017	1.0240

#1	-.02268	-.02890	5.1918	.01849	.34155	94.793	1.6319
#2	-.00750	-.02395	5.1711	.01990	.31042	95.423	1.6492
#3	-.01455	-.02625	5.1574	.02068	.31963	95.956	1.6657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	-.00604	2.3374	F 154.28	.08326	185.94	286.14
Stddev	.00050	.00053	.0319	.86	.00117	.85	1.77
%RSD	12.016	8.7302	1.3633	.55824	1.4108	.45523	.61769

#1	.00373	-.00552	2.3202	153.30	.08396	186.79	284.31
#2	.00469	-.00604	2.3178	154.89	.08392	185.93	286.29
#3	.00399	-.00657	2.3741	154.66	.08190	185.10	287.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36011	2.6911	47.647	-.01214	.19767	.30882	21.868
Stddev	.00090	.1027	.229	.00052	.01418	.00057	.103
%RSD	.24938	3.8181	.48061	4.2862	7.1752	.18307	.47087

#1	.35917	2.6263	47.806	-.01180	.19040	.30816	21.961
#2	.36096	2.6375	47.750	-.01274	.18859	.30915	21.885
#3	.36020	2.8096	47.385	-.01189	.21401	.30914	21.758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0499	.03167	.17909	F 11.050	F 17.759	.13911	.66301
Stddev	.0529	.00096	.03735	.057	.082	.00035	.00549
%RSD	2.5833	3.0461	20.857	.51328	.46124	.25311	.82841

#1	2.0699	.03240	.14018	11.096	17.665	.13870	.65688
#2	2.0900	.03205	.18244	11.066	17.795	.13930	.66750
#3	1.9899	.03058	.21466	10.986	17.817	.13933	.66463

Sample Name: K4140-30 Acquired: 8/5/2019 15:04:02 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP6-010 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03156	F 14.56	-.28800	<.00000	21.175
Stddev	.00064	.04	.00197	3.4305	2.108
%RSD	2.0174	.2986	.68493	11.965	9.9566

#1	.03213	14.61	-.28606	-29.454	21.255
#2	.03167	14.55	-.28792	-24.916	19.028
#3	.03088	14.53	-.29000	-31.642	23.243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.0	25873.	1679.3	23.215	2052.8
Stddev	5.5	97.	11.8	.679	6.7
%RSD	.32561	.37402	.70457	2.9254	.32870

#1	1699.3	25971.	1672.0	22.566	2047.1
#2	1696.5	25871.	1673.1	23.157	2050.9
#3	1707.2	25778.	1693.0	23.921	2060.2

Sample Name: K4140-31 Acquired: 8/5/2019 15:08:36 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP6-202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.24147	k -.03901	k 22.800	k -.04781	k 3.7457	61.189	9.2455
Stddev	.01189	.00250	.062	.00661	.0408	.109	.0095
%RSD	4.9230	6.4183	.27047	13.835	1.0901	.17760	.10332

#1	k -.25198	k -.04122	k 22.782	k -.04216	k 3.7549	61.309	9.2540
#2	k -.22857	k -.03629	k 22.750	k -.04619	k 3.7010	61.096	9.2473
#3	k -.24385	k -.03952	k 22.869	k -.05509	k 3.7811	61.163	9.2351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	k .00448	k 3.5553	F 317.75	k .28908	kF 292.29	k 148.85
Stddev	.00020	.00035	.0573	1.26	.00021	.80	.70
%RSD	24.548	7.9140	1.6122	.39622	.07289	.27532	.47305

#1	-.00059	k .00445	k 3.4922	316.67	k .28909	k 291.79	k 148.15
#2	-.00095	k .00484	k 3.5695	319.13	k .28886	k 291.85	k 149.55
#3	-.00093	k .00414	k 3.6042	317.45	k .28928	k 293.21	k 148.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54695	1.9561	kF 197.30	k -.00518	.36860	^ *****	k 20.293
Stddev	.00058	.0500	.89	.00057	.01598	-----	.100
%RSD	.10691	2.5562	.45348	11.056	4.3365	-----	.49259

#1	.54763	1.8993	k 197.16	k -.00583	.35251	^ -----	k 20.259
#2	.54656	1.9938	k 196.48	k -.00473	.38448	^ -----	k 20.215
#3	.54667	1.9750	k 198.25	k -.00499	.36880	^ -----	k 20.406

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3269	.04910	k .26013	kF 35.389	k .78792	k 1.8561	k .77296
Stddev	.0143	.00048	.01130	.174	.00780	.0016	.00104
%RSD	.61622	.96770	4.3455	.49249	.98995	.08779	.13466

#1	2.3104	.04930	k .26022	k 35.304	k .77891	k 1.8574	k .77359
#2	2.3363	.04856	k .24878	k 35.274	k .79262	k 1.8566	k .77176
#3	2.3340	.04945	k .27138	k 35.590	k .79222	k 1.8543	k .77353

Sample Name: K4140-31 Acquired: 8/5/2019 15:08:36 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-TP6-202 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00367	kF 21.42	k .11871	8.8392	F 102.07
Stddev	.00130	.07	.00068	2.3906	4.02
%RSD	35.342	.3087	.57508	27.045	3.9362

#1	.00261	k 21.43	k .11822	10.114	99.126
#2	.00329	k 21.35	k .11843	6.0814	106.65
#3	.00512	k 21.48	k .11949	10.322	100.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.1	26048.	1679.1	21.479	1958.7
Stddev	5.2	66.	11.2	1.475	5.1
%RSD	.43047	.25415	.66486	6.8681	.26152

#1	1217.3	26101.	1689.5	20.341	1957.0
#2	1223.7	25974.	1680.6	23.146	1964.5
#3	1213.3	26069.	1667.3	20.951	1954.7

Sample Name: K4140-32 Acquired: 8/5/2019 15:13:17 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP8-000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04001	-.01734	1.8710	.02244	-.00210	94.508	.99451
Stddev	.00320	.00083	.0040	.00676	.00020	1.376	.01212
%RSD	7.9908	4.8020	.21383	30.132	9.5475	1.4555	1.2192

#1	.04222	-.01698	1.8743	.02988	-.00204	93.688	.98871
#2	.04148	-.01829	1.8721	.02075	-.00233	93.739	.98638
#3	.03635	-.01675	1.8666	.01668	-.00195	96.096	1.0084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	-.00092	61.889	F 4.6569	.03180	.96576	126.80
Stddev	.00005	.00010	1.313	.0101	.00007	.00269	.71
%RSD	.98245	10.935	2.1215	.21666	.20814	.27838	.56077

#1	.00483	-.00103	61.120	4.6594	.03187	.96279	127.61
#2	.00478	-.00089	61.143	4.6459	.03179	.96803	126.27
#3	.00487	-.00083	63.405	4.6656	.03174	.96644	126.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6075	23.478	3.7645	-.00510	.73315	.43834	4.0375
Stddev	.0013	.477	.0083	.00032	.03233	.00350	.0061
%RSD	.07893	2.0333	.22074	6.2869	4.4096	.79961	.15123

#1	1.6077	23.127	3.7566	-.00475	.70342	.43569	4.0310
#2	1.6061	23.285	3.7731	-.00537	.72846	.43702	4.0383
#3	1.6086	24.022	3.7637	-.00517	.76757	.44231	4.0431

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0893	.00386	.03828	6.2033	8.2786	.05077	.95015
Stddev	.1136	.00025	.01140	.0120	.0273	.00129	.02752
%RSD	3.6766	6.5866	29.782	.19363	.32947	2.5360	2.8962

#1	2.9847	.00415	.02905	6.2129	8.3029	.05056	.92712
#2	3.0732	.00366	.05102	6.2072	8.2491	.05215	.94270
#3	3.2101	.00376	.03476	6.1898	8.2837	.04960	.98063

Sample Name: K4140-32 Acquired: 8/5/2019 15:13:17 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-TP8-000 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04805	2.142	.07252	<.00000	F<.00000
Stddev	.00245	.002	.00565	4.1705	3.3264
%RSD	5.0924	.0970	7.7916	7.3138	132.32

#1	.04523	2.145	.06848	-55.405	-3.4915
#2	.04961	2.141	.07011	-53.902	-5.2417
#3	.04931	2.141	.07898	-61.759	1.1918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.2	28507.	1829.9	23.235	2157.5
Stddev	11.4	121.	15.3	.743	6.4
%RSD	.48467	.42444	.83377	3.1995	.29610

#1	2362.3	28451.	1832.6	23.944	2164.6
#2	2342.7	28646.	1843.6	23.299	2152.4
#3	2342.5	28424.	1813.5	22.462	2155.4

Sample Name: CCV03 Acquired: 8/5/2019 15:17:38 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1589	5.1486	5.1685	5.1879	5.1578	10.235	10.298
Stddev	.0034	.0063	.0076	.0196	.0062	.119	.016
%RSD	.06570	.12301	.14706	.37765	.12061	1.1629	.15328

#1	5.1627	5.1465	5.1694	5.2084	5.1530	10.099	10.280
#2	5.1580	5.1557	5.1756	5.1859	5.1648	10.289	10.309
#3	5.1561	5.1436	5.1605	5.1693	5.1555	10.318	10.304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26187	2.5483	25.772	1.0297	2.5622	1.3064	5.2177
Stddev	.00016	.0045	.196	.0005	.0029	.0011	.0105
%RSD	.05998	.17749	.76077	.04850	.11345	.08098	.20207

#1	.26203	2.5432	25.573	1.0302	2.5610	1.3072	5.2287
#2	.26187	2.5496	25.779	1.0297	2.5601	1.3067	5.2077
#3	.26172	2.5520	25.965	1.0292	2.5655	1.3052	5.2166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6089	25.797	2.5488	1.2855	25.490	2.5657	2.4988
Stddev	.0015	.263	.0069	.0004	.048	.0026	.0005
%RSD	.05605	1.0198	.27002	.03108	.18974	.10206	.01986

#1	2.6088	25.496	2.5459	1.2856	25.435	2.5680	2.4993
#2	2.6075	25.984	2.5440	1.2851	25.513	2.5662	2.4983
#3	2.6104	25.912	2.5567	1.2858	25.523	2.5629	2.4989

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.520	5.1853	5.0638	5.1634	5.2169	5.1112	5.1408
Stddev	.244	.0139	.0599	.0111	.0133	.0108	.0418
%RSD	.95692	.26865	1.1823	.21557	.25512	.21147	.81219

#1	25.238	5.1747	4.9953	5.1730	5.2018	5.0994	5.0931
#2	25.661	5.2011	5.0902	5.1661	5.2269	5.1135	5.1705
#3	25.661	5.1800	5.1059	5.1512	5.2220	5.1206	5.1589

Sample Name: CCV03 Acquired: 8/5/2019 15:17:38 Type: Unk
Method: P4-ICP2(v3319) 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	5.0566	5.233	5.1658	F 26.911	F 3.7080
Stddev	.0273	.003	.0190	2.354	1.9299
%RSD	.53884	.0481	.36690	8.7467	52.048

#1	5.0289	5.235	5.1439	24.234	1.7025
#2	5.0834	5.230	5.1775	28.657	5.5523
#3	5.0575	5.234	5.1759	27.842	3.8693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.2	24189.	1560.6	21.388	2024.4
Stddev	3.1	41.	3.0	1.043	2.9
%RSD	.15619	.16948	.19383	4.8758	.14471

#1	1988.8	24143.	1560.4	20.406	2022.1
#2	1992.8	24201.	1557.7	22.482	2027.7
#3	1994.9	24222.	1563.7	21.275	2023.3

Sample Name: CCB03 Acquired: 8/5/2019 15:21:37 Type: Unk
Method: P4-ICP2(v3319) 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	-.00129	-.00064	.00082	-.00133	.00271	-.00848	.00059
Stddev	.00374	.00077	.00112	.00166	.00055	.02622	.00057
%RSD	288.63	120.28	136.24	125.27	20.300	309.36	97.676

#1	-.00126	-.00014	.00065	.00043	.00209	-.03479	.00008
#2	.00243	-.00025	.00201	-.00153	.00291	-.00830	.00047
#3	-.00504	-.00153	-.00020	-.00288	.00314	.01766	.00121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00003	.00025	.00057	.00028	.00067	.00088
Stddev	.00009	.00013	.00267	.00049	.00011	.00046	.00120
%RSD	119.41	462.38	1069.1	86.509	39.921	69.421	136.20

#1	.00011	-.00018	-.00265	.00074	.00016	.00087	.00080
#2	.00014	.00005	.00079	.00001	.00029	.00014	-.00027
#3	-.00003	.00005	.00261	.00095	.00039	.00100	.00213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.07616	.00131	.00039	-.01822	.00014	.01778
Stddev	.00009	.01773	.00037	.00064	.01848	.00031	.00061
%RSD	147.78	23.276	28.058	166.64	101.42	217.95	3.4571

#1	-.00014	-.05838	.00090	-.00004	-.00722	-.00009	.01837
#2	-.00007	-.07626	.00161	.00007	-.03955	.00050	.01783
#3	.00003	-.09383	.00143	.00112	-.00788	.00002	.01714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02027	.00050	.00245	F .01312	.00557	-.00052	-.00151
Stddev	.02246	.00032	.02670	.00472	.00683	.00158	.00116
%RSD	110.83	64.333	1088.9	36.012	122.50	304.36	76.713

#1	.00617	.00088	-.02384	.00895	.01308	-.00225	-.00285
#2	.00846	.00027	.00165	.01216	.00392	-.00014	-.00081
#3	.04618	.00036	.02954	.01825	-.00027	.00083	-.00087

Sample Name: CCB03 Acquired: 8/5/2019 15:21:37 Type: Unk
Method: P4-ICP2(v3319) 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	-.00248	.0003	.00029	<.00000	<.00000
Stddev	.00094	.0004	.00006	5.6292	2.2382
%RSD	37.836	116.2	20.969	193.93	1734.5

#1	-.00143	.0000	.00022	1.7614	-.17313
#2	-.00278	.0008	.00032	-1.3140	2.1309
#3	-.00323	.0002	.00033	-9.1556	-2.3449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.0	25371.	1594.5	23.257	2262.4
Stddev	7.6	27.	19.3	.801	6.0
%RSD	.36250	.10600	1.2101	3.4437	.26612

#1	2089.4	25394.	1577.0	23.960	2261.9
#2	2084.3	25341.	1591.2	23.425	2256.7
#3	2099.2	25378.	1615.2	22.385	2268.7

Sample Name: K4114-01 Acquired: 8/5/2019 15:26:07 Type: Unk
Method: P4-ICP2(v3319) 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	.01214	-.01200	3.0401	.04283	.02476	23.504	1.6323
Stddev	.00141	.00167	.0055	.00478	.00084	.262	.0155
%RSD	11.592	13.905	.18054	11.164	3.3870	1.1149	.95156

#1	.01281	-.01166	3.0421	.04109	.02572	23.217	1.6170
#2	.01309	-.01381	3.0339	.03916	.02423	23.564	1.6320
#3	.01052	-.01052	3.0444	.04823	.02431	23.730	1.6480

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.02251	140.14	1.9539	.02595	1.1607	49.093
Stddev	.00006	.00004	.53	.0056	.00046	.0029	.082
%RSD	7.5620	.19027	.37556	.28501	1.7735	.25019	.16747

#1	.00079	.02253	140.75	1.9525	.02615	1.1640	49.071
#2	.00073	.02255	139.84	1.9492	.02543	1.1586	49.024
#3	.00085	.02246	139.84	1.9601	.02628	1.1595	49.184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5650	97.478	.23834	.00538	133.85	.21236	3.0472
Stddev	.0007	.831	.00096	.00088	1.48	.00186	.0212
%RSD	.04591	.85217	.40452	16.443	1.1023	.87540	.69633

#1	1.5648	96.569	.23944	.00442	132.44	.21145	3.0611
#2	1.5658	97.665	.23794	.00617	133.73	.21113	3.0228
#3	1.5644	98.199	.23764	.00555	135.38	.21450	3.0577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.067	.03046	.59029	6.8185	F 40.575	.10935	.65089
Stddev	.354	.00013	.01678	.0105	.359	.00149	.00163
%RSD	.88339	.43225	2.8422	.15393	.88489	1.3597	.24992

#1	39.663	.03059	.57096	6.8275	40.950	.11026	.65276
#2	40.220	.03047	.59882	6.8210	40.539	.11017	.64986
#3	40.319	.03033	.60109	6.8070	40.235	.10764	.65003

Sample Name: K4114-01 Acquired: 8/5/2019 15:26:07 Type: Unk
Method: P4-ICP2(v3319) 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	.03909	3.174	.88327	28.880	11.899
Stddev	.00164	.008	.00346	2.777	2.162
%RSD	4.1914	.2498	.39127	9.6163	18.171

#1	.04067	3.167	.88724	32.030	10.126
#2	.03740	3.183	.88089	26.784	11.263
#3	.03920	3.173	.88170	27.826	14.308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.1	23829.	1582.0	20.632	1934.3
Stddev	14.5	76.	13.6	.631	15.0
%RSD	.73372	.31810	.85728	3.0599	.77493

#1	1960.1	23903.	1567.3	20.103	1919.2
#2	1989.0	23832.	1584.5	20.462	1949.2
#3	1973.1	23752.	1594.1	21.331	1934.4

Sample Name: K4114-01DUP Acquired: 8/5/2019 15:30:18 Type: Unk
Method: P4-ICP2(v3319) 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	.00897	-.01227	3.0500	.03827	.02329	23.498	1.6339
Stddev	.00267	.00126	.0086	.00218	.00298	.142	.0143
%RSD	29.718	10.240	.28350	5.7036	12.785	.60233	.87469

#1	.01061	-.01294	3.0525	.04068	.02034	23.513	1.6275
#2	.01042	-.01304	3.0571	.03643	.02324	23.350	1.6240
#3	.00590	-.01082	3.0404	.03769	.02629	23.632	1.6503

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	.02268	141.49	1.9610	.02575	1.1625	49.365
Stddev	.00012	.00011	.80	.0058	.00028	.0051	.118
%RSD	14.608	.49323	.56491	.29460	1.0868	.43728	.23811

#1	.00068	.02279	140.95	1.9557	.02590	1.1604	49.398
#2	.00088	.02270	142.41	1.9603	.02592	1.1683	49.234
#3	.00089	.02257	141.11	1.9672	.02542	1.1588	49.462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5737	97.578	.23805	.00472	134.43	.21207	3.0590
Stddev	.0036	.929	.00060	.00056	1.19	.00034	.0057
%RSD	.22892	.95212	.25230	11.804	.88849	.15914	.18560

#1	1.5745	97.625	.23872	.00443	133.47	.21228	3.0527
#2	1.5697	96.627	.23785	.00536	134.05	.21225	3.0603
#3	1.5768	98.483	.23757	.00436	135.77	.21168	3.0639

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.270	.03013	.61091	6.8331	F 41.043	.11000	.66219
Stddev	.308	.00010	.05240	.0153	.413	.00136	.00255
%RSD	.76561	.33996	8.5775	.22372	1.0068	1.2329	.38485

#1	40.012	.03015	.55511	6.8475	41.073	.10891	.66065
#2	40.188	.03022	.61856	6.8348	41.441	.11152	.66079
#3	40.612	.03002	.65907	6.8170	40.616	.10957	.66513

Sample Name: K4114-01DUP Acquired: 8/5/2019 15:30:18 Type: Unk
Method: P4-ICP2(v3319) 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	.03851	3.184	.89293	33.314	12.591
Stddev	.00135	.016	.00684	6.747	1.323
%RSD	3.5143	.4948	.76599	20.253	10.508

#1	.03996	3.201	.88977	40.840	14.111
#2	.03831	3.178	.90078	31.295	11.963
#3	.03727	3.172	.88825	27.806	11.699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.7	23749.	1564.9	21.083	1927.6
Stddev	5.4	101.	14.3	1.337	2.8
%RSD	.27505	.42685	.91413	6.3419	.14456

#1	1970.8	23713.	1558.5	20.942	1925.4
#2	1960.6	23863.	1554.9	22.484	1926.6
#3	1968.8	23669.	1581.3	19.821	1930.7

Sample Name: K4114-01LX5 Acquired: 8/5/2019 15:34:31 Type: Unk
Method: P4-ICP2(v3319) 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	.00427	-.00253	.61088	.01162	.00542	4.5632	.32293	.00034
Stddev	.00086	.00127	.00157	.00207	.00212	.0408	.00158	.00011
%RSD	20.235	50.305	.25731	17.842	39.164	.89311	.48891	31.403

#1	.00526	-.00127	.61088	.01394	.00584	4.5430	.32375	.00047
#2	.00366	-.00251	.60930	.00994	.00731	4.6101	.32394	.00030
#3	.00390	-.00382	.61245	.01098	.00312	4.5364	.32111	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00425	28.850	.40472	.00499	.24108	10.167	.32153	19.414
Stddev	.00006	.237	.00310	.00034	.00044	.021	.00022	.267
%RSD	1.4335	.82161	.76574	6.8624	.18197	.20304	.06984	1.3767

#1	.00427	28.606	.40768	.00461	.24144	10.185	.32175	19.461
#2	.00418	29.079	.40499	.00508	.24059	10.144	.32155	19.654
#3	.00430	28.865	.40150	.00528	.24121	10.171	.32130	19.126

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04648	.00093	26.140	.04282	.60320	7.7334	.00588	.11562
Stddev	.00052	.00083	.120	.00065	.00211	.0214	.00031	.01748
%RSD	1.1196	89.837	.45933	1.5109	.34953	.27667	5.2835	15.115

#1	.04640	.00186	26.241	.04252	.60538	7.7498	.00554	.11168
#2	.04704	.00025	26.171	.04357	.60305	7.7092	.00615	.10045
#3	.04601	.00067	26.007	.04238	.60117	7.7411	.00595	.13473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2985	8.4853	.02091	.13101	.00287	.6031	.17971	18.145
Stddev	.0058	.0610	.00114	.01102	.00166	.0021	.00239	5.202
%RSD	.44776	.71866	5.4621	8.4116	57.825	.3426	1.3325	28.671

#1	1.3051	8.4176	.02155	.11864	.00466	.6041	.17719	15.485
#2	1.2941	8.5358	.02159	.13978	.00138	.6045	.18196	14.810
#3	1.2963	8.5025	.01959	.13461	.00257	.6007	.17998	24.139

Sample Name: K4114-01LX5 Acquired: 8/5/2019 15:34:31 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3348
Stddev 1.7341
%RSD 27.374

#1 4.7421
#2 6.0802
#3 8.1822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.5	24721.	1593.1	22.867	2119.7
Stddev	5.7	137.	11.6	.603	6.5
%RSD	.27792	.55513	.72710	2.6348	.30566

#1	2040.6	24595.	1604.1	23.444	2114.6
#2	2044.2	24701.	1581.0	22.242	2117.6
#3	2051.8	24867.	1594.3	22.915	2127.0

Sample Name: K4114-01MS Acquired: 8/5/2019 15:38:50 Type: Unk
Method: P4-ICP2(v3319) 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	.77705	1.9571	3.9046	1.9123	.76339	27.509	1.8196
Stddev	.00149	.0041	.0076	.0069	.00398	.131	.0067
%RSD	.19179	.20788	.19592	.36326	.52098	.47774	.36637

#1	.77854	1.9524	3.9036	1.9094	.76656	27.454	1.8171
#2	.77556	1.9588	3.9127	1.9072	.75893	27.415	1.8145
#3	.77706	1.9600	3.8975	1.9202	.76469	27.659	1.8271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20279	.21842	140.19	F 2.2253	.23116	1.3701	51.268
Stddev	.00088	.00028	.93	.0084	.00032	.0047	.068
%RSD	.43375	.12989	.66269	.37715	.13875	.34504	.13180

#1	.20379	.21874	141.02	2.2347	.23143	1.3738	51.340
#2	.20212	.21821	140.37	2.2184	.23124	1.3717	51.207
#3	.20246	.21830	139.19	2.2229	.23081	1.3648	51.257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7435	97.262	.73331	.07521	134.08	.51460	3.2217
Stddev	.0026	.640	.00133	.00041	.44	.00204	.0125
%RSD	.15040	.65816	.18114	.55150	.32988	.39552	.38883

#1	1.7463	96.985	.73478	.07476	133.59	.51583	3.2335
#2	1.7411	97.994	.73295	.07558	134.18	.51571	3.2231
#3	1.7431	96.807	.73220	.07528	134.46	.51225	3.2086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.307	.41427	.89274	6.6949	F 43.608	.80826	.86765
Stddev	.337	.00139	.00611	.0454	.437	.00227	.00851
%RSD	.68341	.33496	.68451	.67808	1.0020	.28095	.98101

#1	49.073	.41469	.89403	6.7281	44.107	.80973	.86339
#2	49.154	.41540	.88609	6.7133	43.426	.80941	.86212
#3	49.693	.41272	.89811	6.6432	43.292	.80564	.87745

Sample Name: K4114-01MS Acquired: 8/5/2019 15:38:50 Type: Unk
 Method: P4-ICP2(v3319) 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	.25299	9.402	1.0764	44.211	7.1535
Stddev	.00310	.016	.0084	5.753	1.0142
%RSD	1.2259	.1657	.78185	13.013	14.177

#1	.25338	9.411	1.0859	50.819	8.2494
#2	.24971	9.411	1.0733	41.498	6.9630
#3	.25588	9.384	1.0700	40.317	6.2481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.4	23899.	1568.6	20.957	1924.5
Stddev	12.5	28.	17.3	.603	9.9
%RSD	.63532	.11556	1.1053	2.8796	.51686

#1	1962.2	23873.	1549.5	20.436	1915.2
#2	1971.1	23897.	1572.9	20.817	1923.3
#3	1986.9	23928.	1583.4	21.618	1935.0

Sample Name: K4114-01MSD Acquired: 8/5/2019 15:42:51 Type: Unk
Method: P4-ICP2(v3319) 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	.81366	2.0159	4.0211	1.9772	.77677	27.073	1.8409
Stddev	.00330	.0069	.0121	.0090	.00098	.432	.0179
%RSD	.40570	.34082	.29990	.45496	.12662	1.5963	.97449

#1	.81542	2.0082	4.0092	1.9804	.77783	26.735	1.8215
#2	.81571	2.0214	4.0333	1.9841	.77589	26.925	1.8440
#3	.80986	2.0181	4.0209	1.9670	.77659	27.560	1.8570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21004	.22581	141.46	F 2.3234	.23907	1.4348	51.278
Stddev	.00074	.00026	.32	.0047	.00081	.0044	.073
%RSD	.35236	.11666	.22326	.20376	.33735	.30385	.14239

#1	.20979	.22595	141.16	2.3234	.23862	1.4389	51.301
#2	.20945	.22597	141.79	2.3187	.24000	1.4351	51.196
#3	.21087	.22551	141.42	2.3282	.23859	1.4302	51.336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7589	99.786	.75700	.07894	136.39	.52751	3.2254
Stddev	.0027	1.114	.00030	.00054	1.32	.00227	.0074
%RSD	.15276	1.1160	.03917	.68588	.96428	.43076	.22873

#1	1.7572	98.695	.75666	.07843	135.06	.52651	3.2226
#2	1.7574	99.742	.75719	.07951	136.42	.52590	3.2338
#3	1.7620	100.92	.75716	.07887	137.69	.53011	3.2199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.246	.43165	.90669	6.6337	F 38.499	.83497	.82875
Stddev	.547	.00028	.03240	.0056	.323	.00155	.00664
%RSD	1.0886	.06420	3.5738	.08495	.83999	.18575	.80155

#1	49.794	.43153	.89201	6.6345	38.795	.83496	.82359
#2	50.090	.43146	.88423	6.6389	38.549	.83654	.82642
#3	50.854	.43197	.94384	6.6277	38.154	.83343	.83625

Sample Name: K4114-01MSD Acquired: 8/5/2019 15:42:51 Type: Unk
Method: P4-ICP2(v3319) 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	.25901	9.632	1.0891	39.487	6.9808
Stddev	.00338	.015	.0028	3.750	4.2855
%RSD	1.3068	.1571	.25521	9.4956	61.390

#1	.25511	9.644	1.0908	43.815	6.8209
#2	.26115	9.636	1.0905	37.220	11.344
#3	.26077	9.615	1.0859	37.426	2.7774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.3	23799.	1572.5	21.887	1923.3
Stddev	7.0	58.	16.4	.253	3.6
%RSD	.35487	.24439	1.0441	1.1574	.18479

#1	1955.2	23751.	1555.7	21.911	1920.5
#2	1962.6	23863.	1573.3	22.128	1922.0
#3	1969.1	23782.	1588.5	21.623	1927.3

Sample Name: K4114-01A Acquired: 8/5/2019 15:46:54 Type: Unk
Method: P4-ICP2(v3319) 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	.79553	1.9725	3.9390	1.9352	.76834	27.343	1.8091
Stddev	.00174	.0031	.0042	.0032	.00426	.145	.0120
%RSD	.21850	.15460	.10647	.16680	.55385	.52903	.66368

#1	.79681	1.9759	3.9345	1.9315	.76796	27.231	1.7970
#2	.79355	1.9718	3.9397	1.9373	.77277	27.506	1.8094
#3	.79623	1.9699	3.9428	1.9369	.76428	27.293	1.8210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20513	.22076	140.09	F 2.2735	.23375	1.3953	51.120
Stddev	.00106	.00044	.63	.0054	.00041	.0119	.089
%RSD	.51455	.19815	.44823	.23593	.17673	.84996	.17437

#1	.20634	.22123	139.84	2.2715	.23398	1.3901	51.190
#2	.20458	.22036	139.63	2.2695	.23400	1.4089	51.020
#3	.20446	.22069	140.81	2.2796	.23328	1.3870	51.151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7443	98.372	.74303	.07718	134.30	.51902	3.1868
Stddev	.0025	.748	.00048	.00134	.72	.00081	.0086
%RSD	.14583	.76009	.06437	1.7372	.53893	.15639	.26846

#1	1.7465	97.742	.74318	.07624	133.53	.51991	3.1851
#2	1.7415	99.198	.74250	.07658	134.42	.51833	3.1961
#3	1.7449	98.175	.74342	.07871	134.96	.51883	3.1793

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.743	.42257	.89786	6.6191	F 41.078	.81786	.84898
Stddev	.052	.00058	.03013	.0181	.259	.00238	.00661
%RSD	.10525	.13813	3.3554	.27331	.62983	.29148	.77799

#1	49.726	.42227	.87482	6.6382	41.320	.81916	.84254
#2	49.701	.42324	.88682	6.6022	40.805	.81511	.85574
#3	49.802	.42219	.93195	6.6170	41.108	.81932	.84867

Sample Name: K4114-01A Acquired: 8/5/2019 15:46:54 Type: Unk
 Method: P4-ICP2(v3319) 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	.26107	9.457	1.0787	36.761	8.5921
Stddev	.00145	.013	.0046	2.622	2.3863
%RSD	.55486	.1361	.42320	7.1311	27.773

#1	.25956	9.472	1.0782	38.241	11.269
#2	.26121	9.448	1.0744	38.308	7.8177
#3	.26245	9.451	1.0835	33.734	6.6892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.5	23732.	1555.8	21.057	1931.4
Stddev	5.5	68.	9.2	1.171	6.4
%RSD	.27719	.28499	.59100	5.5605	.33080

#1	1969.2	23655.	1545.7	20.416	1930.0
#2	1964.3	23782.	1563.7	22.408	1925.8
#3	1975.2	23758.	1557.8	20.347	1938.4

Sample Name: K4142-01 Acquired: 8/5/2019 15:50:56 Type: Unk
Method: P4-ICP2(v3319) 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	.00482	-.00397	.00592	.00124	-.00012	.28728	.10357
Stddev	.00069	.00203	.00137	.00401	.00071	.02409	.00141
%RSD	14.337	51.200	23.117	322.82	578.77	8.3841	1.3649

#1	.00500	-.00415	.00534	.00479	.00061	.30448	.10446
#2	.00406	-.00185	.00493	-.00310	-.00017	.29760	.10194
#3	.00541	-.00590	.00748	.00203	-.00081	.25975	.10431

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00013	120.79	.00087	.00050	.01083	2.1390
Stddev	.00006	.00007	1.03	.00035	.00033	.00039	.0197
%RSD	66.776	53.207	.85582	40.369	67.130	3.6403	.92195

#1	.00015	-.00021	119.65	.00051	.00085	.01047	2.1578
#2	.00005	-.00012	121.09	.00089	.00045	.01077	2.1184
#3	.00005	-.00007	121.65	.00121	.00019	.01126	2.1409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45057	10.526	.00228	-.00055	92.328	.00013	.14555
Stddev	.00045	.107	.00005	.00116	1.003	.00031	.00034
%RSD	.09940	1.0189	2.0481	208.17	1.0861	228.01	.23266

#1	.45022	10.402	.00226	-.00187	92.191	-.00022	.14591
#2	.45040	10.584	.00234	.00029	91.401	.00030	.14548
#3	.45107	10.591	.00226	-.00009	93.392	.00032	.14525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.400	.01972	.52977	F 56.230	8.6749	-.02079	.00586
Stddev	.128	.00014	.02379	.197	.0550	.00038	.00203
%RSD	.69825	.72711	4.4905	.35113	.63399	1.8467	34.674

#1	18.482	.01989	.55424	56.453	8.6310	-.02060	.00439
#2	18.252	.01965	.50673	56.076	8.7366	-.02123	.00501
#3	18.466	.01963	.52834	56.161	8.6570	-.02053	.00818

Sample Name: K4142-01 Acquired: 8/5/2019 15:50:56 Type: Unk
Method: P4-ICP2(v3319) 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	.00241	.1530	.43691	37.136	9.2054
Stddev	.00100	.0022	.00174	2.848	2.8841
%RSD	41.545	1.427	.39929	7.6702	31.330

#1	.00142	.1555	.43512	37.094	11.836
#2	.00342	.1515	.43699	40.005	6.1213
#3	.00238	.1521	.43861	34.309	9.6593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.6	23877.	1539.0	22.074	2076.4
Stddev	5.3	67.	10.5	1.423	3.8
%RSD	.26839	.27979	.68329	6.4470	.18080

#1	1958.6	23855.	1547.3	20.748	2072.1
#2	1968.4	23952.	1527.2	21.896	2079.1
#3	1966.9	23823.	1542.5	23.577	2078.0

Sample Name: K4148-01 Acquired: 8/5/2019 15:55:18 Type: Unk
Method: P4-ICP2(v3319) 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	.00410	-.00096	-.00451	-.00038	.00156	.00834	.00115	.00001
Stddev	.00072	.00082	.00087	.00202	.00225	.01474	.00026	.00007
%RSD	17.577	84.586	19.322	538.40	144.02	176.72	22.279	486.56

#1	.00439	-.00147	-.00523	-.00239	.00288	-.00767	.00120	-.00004
#2	.00328	-.00002	-.00477	-.00039	-.00103	.01136	.00087	-.00001
#3	.00463	-.00140	-.00354	.00165	.00284	.02134	.00138	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02404	.00031	-.00020	-.00027	-.00274	-.00010	-.01019
Stddev	.00007	.03409	.00043	.00024	.00103	.00122	.00007	.07820
%RSD	164.59	141.82	139.77	117.02	382.30	44.663	72.092	767.32

#1	.00004	.04002	.00077	-.00034	-.00012	-.00258	-.00018	.00535
#2	-.00007	.04721	-.00010	.00007	-.00136	-.00160	-.00003	-.09499
#3	-.00010	-.01511	.00026	-.00034	.00068	-.00403	-.00010	.05907

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00023	-.02453	-.00036	.00721	-.08594	-.00035	-.01539
Stddev	.00048	.00104	.00983	.00063	.00015	.05270	.00036	.01487
%RSD	27.109	447.34	40.081	175.97	2.0215	61.323	104.22	96.617

#1	.00227	-.00063	-.02860	-.00037	.00737	-.05436	-.00013	-.01975
#2	.00168	-.00006	-.01332	.00028	.00708	-.14678	-.00077	-.02760
#3	.00133	.00138	-.03168	-.00098	.00719	-.05668	-.00015	.00117

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01684	-.00397	-.00286	.00181	-.00964	.0005	.00033	<.00000
Stddev	.00552	.00115	.00096	.00103	.00130	.0008	.00033	3.4560
%RSD	32.792	29.053	33.684	57.040	13.446	154.3	100.35	18.529

#1	.01477	-.00274	-.00390	.00144	-.01036	-.0000	.00020	-19.342
#2	.01265	-.00412	-.00267	.00101	-.00814	.0015	.00071	-21.710
#3	.02310	-.00503	-.00201	.00297	-.01041	.0002	.00008	-14.902

Sample Name: K4148-01 Acquired: 8/5/2019 15:55:18 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.9222
Stddev	3.1334
%RSD	31.580

#1	6.6091
#2	10.319
#3	12.838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.7	26692.	1616.5	24.657	2444.4
Stddev	15.5	34.	38.3	.491	10.7
%RSD	.70763	.12815	2.3716	1.9904	.43585

#1	2195.1	26695.	1575.1	24.935	2446.1
#2	2205.2	26657.	1623.6	24.945	2454.2
#3	2174.8	26725.	1650.8	24.090	2433.1

Sample Name: K4148-02 Acquired: 8/5/2019 15:59:46 Type: Unk
Method: P4-ICP2(v3319) 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	.02908	-.01927	.02033	.01143	-.00776	1.0034	.03049
Stddev	.00545	.00363	.00076	.00735	.00099	.0568	.00145
%RSD	18.749	18.856	3.7223	64.273	12.701	5.6614	4.7555

#1	.03121	-.02346	.02117	.01897	-.00735	.99550	.03061
#2	.03314	-.01727	.02011	.01104	-.00704	1.0637	.03187
#3	.02288	-.01707	.01971	.00429	-.00888	.95088	.02898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00028	632.05	-.00617	.00131	.02719	.68929
Stddev	.00021	.00018	3.18	.00016	.00055	.00183	.00236
%RSD	458.28	61.642	.50365	2.5245	42.171	6.7463	.34301

#1	.00021	-.00049	630.62	-.00622	.00172	.02927	.69081
#2	.00011	-.00019	629.82	-.00599	.00068	.02578	.69050
#3	-.00019	-.00018	635.69	-.00629	.00152	.02654	.68657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05031	F 2770.6	-.00813	-.00106	^ *****	.00639	.05113
Stddev	.00024	30.0	.00078	.00069	-----	.00093	.00351
%RSD	.47027	1.0837	9.5325	65.126	-----	14.601	6.8581

#1	.05057	2751.5	-.00817	-.00134	10041.	.00559	.05494
#2	.05010	2805.2	-.00734	-.00027	10210.	.00617	.05043
#3	.05027	2755.1	-.00889	-.00157	^ -----	.00742	.04803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1161.4	.01509	9.4500	F 1859.5	2.1776	-.69582	-.00275
Stddev	19.2	.00136	.1223	6.4	.0318	.00380	.00340
%RSD	1.6510	9.0012	1.2942	.34295	1.4606	.54684	123.78

#1	1143.1	.01500	9.3364	1861.0	2.1884	-.69752	-.00656
#2	1181.3	.01649	9.5795	1865.0	2.1418	-.69847	-.00162
#3	1159.7	.01378	9.4342	1852.5	2.2027	-.69146	-.00005

Sample Name: K4148-02 Acquired: 8/5/2019 15:59:46 Type: Unk
Method: P4-ICP2(v3319) 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	.68611	.2244	F 13.043	175.89	8.0055
Stddev	.05170	.0049	.076	1.67	.5820
%RSD	7.5352	2.183	.57917	.94998	7.2703

#1	.63149	.2189	13.010	175.17	8.5850
#2	.69255	.2283	12.989	174.71	8.0104
#3	.73429	.2259	13.129	177.80	7.4210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.2	14828.	1288.4	16.859	1175.5
Stddev	9.3	110.	16.8	1.047	7.1
%RSD	.70915	.73867	1.3031	6.2121	.60322

#1	1297.9	14763.	1277.6	15.650	1173.1
#2	1304.5	14766.	1307.8	17.448	1169.9
#3	1316.2	14954.	1279.9	17.480	1183.5

Sample Name: PB121981BL Acquired: 8/5/2019 16:04:19 Type: Unk
Method: P4-ICP2(v3319) 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	.00194	-.00015	-.00040	.00348	.00068	-.01187	.00127
Stddev	.00097	.00105	.00129	.00306	.00063	.01152	.00081
%RSD	50.067	695.48	324.75	88.000	92.488	97.060	63.617

#1	.00099	-.00130	.00106	.00153	.00126	-.00972	.00083
#2	.00191	.00074	-.00140	.00700	.00076	-.00158	.00078
#3	.00293	.00011	-.00085	.00189	.00001	-.02431	.00221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00013	.00132	.00012	.00013	.00204	-.00039
Stddev	.00005	.00005	.02855	.00032	.00029	.00057	.00124
%RSD	340.21	42.650	2157.5	271.12	216.51	28.143	315.25

#1	.00005	-.00013	.02561	.00034	.00002	.00225	-.00180
#2	-.00004	-.00018	-.03012	-.00025	.00046	.00139	.00057
#3	.00003	-.00007	.00848	.00026	-.00009	.00248	.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.03423	.00051	-.00055	F 10.392	-.00059	.00965
Stddev	.00011	.07397	.00007	.00048	.392	.00045	.00056
%RSD	98.051	216.09	13.591	87.368	3.7730	75.806	5.7728

#1	.00021	-.00223	.00053	-.00039	10.729	-.00031	.01026
#2	-.00000	.01835	.00058	-.00017	10.486	-.00035	.00951
#3	.00012	-.11881	.00044	-.00108	9.9616	-.00110	.00917

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.3559	-.00027	.00595	F .72061	.00014	-.00190	-.00002
Stddev	.1280	.00041	.01912	.09642	.00123	.00087	.00268
%RSD	3.8147	151.70	321.29	13.381	909.91	45.759	14330.

#1	3.4223	-.00013	-.01009	.82246	-.00117	-.00289	.00031
#2	3.4371	.00005	.00083	.70865	.00031	-.00153	-.00285
#3	3.2083	-.00073	.02711	.63073	.00127	-.00127	.00248

Sample Name: PB121981BL Acquired: 8/5/2019 16:04:19 Type: Unk
 Method: P4-ICP2(v3319) 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 .01178	-.0011	.00004	F 6.4383	F 7.8701
Stddev	.00527	.0009	.00015	6.9865	2.2324
%RSD	44.776	82.93	349.03	108.52	28.366

#1	.00609	-.0010	.00012	14.482	5.3012
#2	.01273	-.0020	.00014	2.9511	9.3392
#3	.01651	-.0002	-.00013	1.8817	8.9698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.2	25618.	1606.4	23.813	2251.5
Stddev	9.1	28.	5.2	.598	10.3
%RSD	.43681	.10829	.32648	2.5100	.45782

#1	2085.0	25647.	1601.7	23.340	2262.9
#2	2076.7	25591.	1612.1	24.485	2248.7
#3	2066.9	25617.	1605.3	23.615	2242.8

Sample Name: CCV04 Acquired: 8/5/2019 16:36:04 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0460	5.0349	5.0504	5.0936	5.0475	9.9749	10.069
Stddev	.0105	.0186	.0103	.0082	.0078	.1271	.062
%RSD	.20888	.36887	.20463	.16135	.15520	1.2742	.61091

#1	5.0460	5.0135	5.0429	5.0973	5.0525	9.8989	10.028
#2	5.0354	5.0464	5.0461	5.0842	5.0385	10.122	10.139
#3	5.0565	5.0449	5.0622	5.0993	5.0516	9.9042	10.039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25313	2.4901	25.267	.99666	2.4946	1.2726	5.0799
Stddev	.00076	.0053	.075	.00270	.0063	.0019	.0112
%RSD	.30017	.21194	.29534	.27059	.25389	.14715	.22051

#1	.25363	2.4840	25.182	.99972	2.4879	1.2747	5.0906
#2	.25226	2.4923	25.300	.99462	2.4953	1.2711	5.0808
#3	.25351	2.4939	25.320	.99565	2.5005	1.2721	5.0682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5400	25.364	2.4894	1.2580	25.270	2.5160	2.4639
Stddev	.0020	.305	.0054	.0036	.185	.0071	.0039
%RSD	.07777	1.2014	.21604	.28241	.73118	.28326	.15958

#1	2.5394	25.053	2.4832	1.2600	25.088	2.5242	2.4597
#2	2.5384	25.662	2.4923	1.2539	25.458	2.5117	2.4644
#3	2.5422	25.376	2.4927	1.2601	25.266	2.5120	2.4676

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.298	5.0826	4.9230	4.9940	4.9630	4.9842	5.0465
Stddev	.179	.0101	.0198	.0149	.0737	.0128	.0233
%RSD	.70592	.19888	.40185	.29878	1.4851	.25680	.46156

#1	25.220	5.0890	4.9002	4.9768	4.9821	4.9701	5.0393
#2	25.502	5.0710	4.9351	5.0014	4.8816	4.9876	5.0277
#3	25.171	5.0879	4.9337	5.0038	5.0253	4.9950	5.0726

Sample Name: CCV04 Acquired: 8/5/2019 16:36:04 Type: Unk
Method: P4-ICP2(v3319) 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	4.9967	5.138	5.0799	F 17.374	F .26806
Stddev	.0464	.002	.0408	2.372	4.1830
%RSD	.92752	.0456	.80228	13.654	1560.5

#1	5.0159	5.138	5.0811	19.223	-4.4532
#2	4.9439	5.135	5.0385	18.200	1.7455
#3	5.0304	5.140	5.1200	14.699	3.5118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.1	24740.	1588.9	22.664	2074.9
Stddev	1.3	46.	20.5	.942	6.1
%RSD	.06480	.18718	1.2932	4.1546	.29318

#1	2038.5	24686.	1578.8	21.699	2081.8
#2	2036.7	24767.	1612.6	22.711	2070.2
#3	2039.3	24767.	1575.4	23.580	2072.8

Sample Name: CCB04 Acquired: 8/5/2019 16:40:02 Type: Unk
Method: P4-ICP2(v3319) 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	-.00022	-.00143	-.00258	-.00054	.00108	-.00307	-.00054
Stddev	.00526	.00118	.00020	.00072	.00081	.01246	.00033
%RSD	2406.5	82.375	7.6280	132.94	74.511	405.95	60.227

#1	-.00207	-.00236	-.00240	-.00101	.00015	-.01602	-.00083
#2	.00572	-.00010	-.00255	-.00091	.00155	.00883	-.00019
#3	-.00431	-.00184	-.00279	.00029	.00155	-.00201	-.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00006	.00077	-.00009	.00015	.00024	-.00013
Stddev	.00004	.00005	.02372	.00020	.00017	.00056	.00067
%RSD	78.318	75.364	3091.5	233.64	109.50	236.08	534.08

#1	.00001	-.00002	-.02608	-.00003	.00026	.00058	-.00090
#2	.00008	-.00011	.01892	.00008	.00024	-.00041	.00022
#3	.00006	-.00006	.00946	-.00031	-.00004	.00054	.00031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.02405	-.00001	-.00060	.77997	-.00028	.00213
Stddev	.00009	.10641	.00049	.00128	.01919	.00046	.00013
%RSD	146.62	442.47	5442.5	214.88	2.4609	164.73	6.0598

#1	-.00002	-.10341	-.00003	.00081	.76245	-.00034	.00228
#2	.00004	-.06561	-.00049	-.00088	.77697	.00021	.00206
#3	.00016	.09687	.00049	-.00172	.80048	-.00071	.00206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36748	.00088	.00466	F .01510	.00321	-.00170	.00097
Stddev	.04641	.00045	.00509	.00301	.00339	.00052	.00186
%RSD	12.629	51.350	109.30	19.913	105.42	30.893	191.30

#1	.32422	.00133	-.00118	.01857	.00681	-.00177	.00176
#2	.36171	.00043	.00815	.01331	.00008	-.00114	.00230
#3	.41650	.00088	.00701	.01342	.00276	-.00218	-.00115

Sample Name: CCB04 Acquired: 8/5/2019 16:40:02 Type: Unk
Method: P4-ICP2(v3319) 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	.00124	-.0017	.00012	5.8890	4.0946
Stddev	.00216	.0002	.00009	3.3857	2.8916
%RSD	173.62	13.27	79.110	57.491	70.620

#1	.00329	-.0017	.00019	5.2085	6.7612
#2	.00145	-.0019	.00001	9.5633	1.0211
#3	-.00101	-.0015	.00015	2.8953	4.5016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.7	24873.	1561.5	22.613	2213.3
Stddev	8.8	87.	11.2	.407	5.4
%RSD	.42986	.34813	.71614	1.8008	.24572

#1	2028.5	24773.	1567.5	22.330	2209.2
#2	2038.5	24925.	1548.6	22.430	2211.2
#3	2046.0	24920.	1568.5	23.080	2219.5

Sample Name: PB121981BS Acquired: 8/5/2019 16:44:31 Type: Unk
Method: P4-ICP2(v3319) 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	.79310	2.0392	1.0364	2.0751	.81867	2.0044	.21149
Stddev	.00177	.0024	.0038	.0063	.00565	.0416	.00210
%RSD	.22278	.11946	.36350	.30155	.69009	2.0734	.99278

#1	.79430	2.0411	1.0366	2.0806	.82520	1.9653	.21100
#2	.79107	2.0364	1.0400	2.0763	.81537	1.9997	.20967
#3	.79392	2.0400	1.0325	2.0683	.81545	2.0481	.21379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20943	.19878	1.0859	.42487	.20464	.33901	3.2913
Stddev	.00010	.00018	.0315	.00071	.00051	.00092	.0201
%RSD	.04941	.09131	2.9047	.16715	.24930	.27151	.60998

#1	.20940	.19893	1.1052	.42532	.20463	.34004	3.2685
#2	.20935	.19858	1.1031	.42524	.20414	.33874	3.3064
#3	.20955	.19883	1.0495	.42405	.20516	.33826	3.2990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21918	2.0471	.51458	.07643	F 3.6808	.31767	.20222
Stddev	.00059	.0502	.00031	.00050	.0426	.00119	.00051
%RSD	.26941	2.4524	.06090	.65746	1.1586	.37601	.25454

#1	.21901	2.0535	.51494	.07610	3.6346	.31766	.20281
#2	.21984	1.9941	.51442	.07619	3.6892	.31887	.20188
#3	.21870	2.0939	.51438	.07701	3.7186	.31648	.20196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.259	.40876	.28742	F .00057	1.0497	.68362	.20129
Stddev	.138	.00195	.01836	.00381	.0046	.00397	.00400
%RSD	1.3417	.47776	6.3866	671.61	.43779	.58062	1.9872

#1	10.127	.41042	.30757	-.00345	1.0507	.68671	.19669
#2	10.249	.40925	.28306	.00412	1.0537	.67914	.20325
#3	10.402	.40661	.27164	.00104	1.0446	.68500	.20393

Sample Name: PB121981BS Acquired: 8/5/2019 16:44:31 Type: Unk
Method: P4-ICP2(v3319) 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	.21898	5.920	.21333	F 13.906	F 3.2602
Stddev	.00237	.018	.00029	1.278	.7788
%RSD	1.0825	.2964	.13613	9.1872	23.887

#1	.21635	5.906	.21331	14.994	3.7270
#2	.21962	5.939	.21305	12.499	3.6925
#3	.22096	5.913	.21363	14.225	2.3612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.2	24883.	1553.2	21.982	2211.1
Stddev	14.9	75.	13.2	.662	14.7
%RSD	.72794	.30322	.84896	3.0123	.66644

#1	2028.1	24925.	1544.4	22.455	2195.3
#2	2055.2	24796.	1547.0	22.265	2224.5
#3	2052.4	24927.	1568.4	21.225	2213.5

Sample Name: PB121983BL Acquired: 8/5/2019 16:48:40 Type: Unk
Method: P4-ICP2(v3319) 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	.00128	-.00156	-.00222	.00413	.00219	-.00483	.00055
Stddev	.00311	.00090	.00079	.00087	.00110	.00907	.00046
%RSD	242.41	57.822	35.462	21.132	50.264	187.82	83.862

#1	-.00226	-.00093	-.00131	.00327	.00275	-.00550	.00056
#2	.00254	-.00116	-.00266	.00411	.00290	.00456	.00008
#3	.00357	-.00259	-.00268	.00501	.00092	-.01354	.00100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00011	-.01602	-.00010	.00011	-.00045	-.00050
Stddev	.00005	.00001	.00836	.00074	.00002	.00056	.00075
%RSD	47.143	5.6897	52.212	750.84	18.263	122.99	149.84

#1	.00007	-.00011	-.01311	.00073	.00010	-.00100	.00036
#2	.00008	-.00010	-.02545	-.00034	.00011	.00012	-.00084
#3	.00015	-.00011	-.00950	-.00069	.00014	-.00048	-.00103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.15113	.00062	.00037	F .55006	-.00007	.00158
Stddev	.00005	.01928	.00030	.00050	.01961	.00029	.00009
%RSD	95.598	12.758	48.835	136.03	3.5656	418.71	5.8016

#1	-.00010	-.13642	.00063	.00038	.52804	.00004	.00161
#2	-.00005	-.14401	.00091	.00087	.56565	.00015	.00166
#3	-.00000	-.17296	.00031	-.00014	.55650	-.00039	.00148

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21802	-.00003	-.01395	.00395	.00121	-.00166	-.00023
Stddev	.07041	.00035	.02408	.00103	.00404	.00112	.00169
%RSD	32.293	1241.8	172.64	26.107	332.98	67.612	731.45

#1	.20276	.00025	-.03287	.00355	.00468	-.00147	-.00218
#2	.29481	.00009	.01316	.00512	-.00322	-.00064	.00088
#3	.15650	-.00042	-.02215	.00318	.00217	-.00287	.00061

Sample Name: PB121983BL Acquired: 8/5/2019 16:48:40 Type: Unk
Method: P4-ICP2(v3319) 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	-.00178	.0005	-.00014	F 2.1159	F 1.3632
Stddev	.00440	.0022	.00022	1.4003	1.1337
%RSD	247.65	464.8	161.20	66.181	83.169

#1	.00282	.0029	.00006	1.2466	1.3626
#2	-.00595	-.0001	-.00037	1.3697	2.4972
#3	-.00221	-.0013	-.00010	3.7312	.22972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.6	24830.	1550.2	22.672	2223.5
Stddev	5.6	27.	17.3	.635	3.3
%RSD	.27158	.10752	1.1153	2.7989	.14903

#1	2047.8	24836.	1531.5	22.170	2221.1
#2	2053.0	24801.	1565.6	22.460	2227.3
#3	2041.9	24854.	1553.5	23.385	2222.2

Sample Name: PB121983BS Acquired: 8/5/2019 16:53:10 Type: Unk
Method: P4-ICP2(v3319) 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	.82317	2.1266	1.0861	2.0472	.86189	2.1347	.22098
Stddev	.00329	.0041	.0006	.0045	.00147	.0203	.00360
%RSD	.39952	.19446	.05248	.21982	.17112	.94890	1.6269

#1	.82015	2.1219	1.0856	2.0426	.86096	2.1149	.21720
#2	.82270	2.1292	1.0867	2.0475	.86112	2.1338	.22140
#3	.82667	2.1288	1.0860	2.0516	.86359	2.1554	.22435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21140	.20666	1.1993	.45397	.21835	.34947	3.4801
Stddev	.00050	.00013	.0346	.00146	.00031	.00041	.0126
%RSD	.23675	.06146	2.8866	.32085	.14336	.11744	.36300

#1	.21172	.20652	1.2023	.45229	.21814	.34964	3.4815
#2	.21165	.20673	1.2323	.45471	.21871	.34900	3.4669
#3	.21082	.20674	1.1633	.45490	.21821	.34977	3.4921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23219	2.1173	.54401	.07755	F 3.7733	.34282	.21686
Stddev	.00042	.1273	.00102	.00128	.0461	.00079	.00065
%RSD	.17953	6.0130	.18841	1.6535	1.2228	.23024	.29987

#1	.23256	2.2108	.54284	.07628	3.7225	.34224	.21632
#2	.23174	1.9723	.54443	.07753	3.7846	.34251	.21668
#3	.23225	2.1688	.54476	.07885	3.8127	.34372	.21759

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.785	.44309	.30738	F -.00186	1.1060	.72537	.22445
Stddev	.258	.00160	.02518	.00547	.0098	.00134	.00342
%RSD	2.3913	.36061	8.1908	293.62	.88865	.18408	1.5221

#1	10.592	.44151	.29969	-.00350	1.1022	.72466	.22757
#2	10.685	.44307	.28694	.00424	1.1172	.72691	.22080
#3	11.078	.44470	.33550	-.00632	1.0987	.72454	.22497

Sample Name: PB121983BS Acquired: 8/5/2019 16:53:10 Type: Unk
Method: P4-ICP2(v3319) 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 .24019	6.105	.23059	F 13.584	F<.00000
Stddev	.00270	.017	.00151	1.411	2.4272
%RSD	1.1224	.2748	.65531	10.388	100.66

#1	.23734	6.086	.22894	14.268	-4.9361
#2	.24270	6.118	.23190	11.962	-.09526
#3	.24053	6.110	.23094	14.524	-2.2021

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.9	24882.	1531.9	22.897	2187.5
Stddev	.7	94.	7.4	.539	1.1
%RSD	.03495	.37928	.48124	2.3529	.04828

#1	2019.1	24817.	1526.3	22.500	2186.3
#2	2020.4	24990.	1529.1	22.680	2187.8
#3	2020.3	24839.	1540.3	23.510	2188.3

Sample Name: PB121981TB Acquired: 8/5/2019 16:57:19 Type: Unk
Method: P4-ICP2(v3319) 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	.00125	-.00530	-.00178	-.00051	.00319	.00358	.00002	.00003
Stddev	.00178	.00232	.00050	.00029	.00023	.00737	.00029	.00011
%RSD	141.67	43.785	28.203	56.395	7.2591	206.06	1458.1	332.75

#1	.00319	-.00604	-.00205	-.00018	.00309	-.00264	.00023	-.00006
#2	-.00030	-.00717	-.00120	-.00068	.00345	.00165	.00014	.00001
#3	.00087	-.00270	-.00210	-.00067	.00302	.01171	-.00031	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00541	.00014	-.00012	.00053	.00348	-.00002	-.07719
Stddev	.00012	.01143	.00051	.00017	.00068	.00085	.00007	.01328
%RSD	65.754	211.08	352.22	142.02	128.31	24.314	269.13	17.205

#1	-.00015	.00781	-.00026	-.00016	.00103	.00255	-.00008	-.09064
#2	-.00009	.01545	-.00002	.00007	-.00024	.00368	.00005	-.07682
#3	-.00032	-.00702	.00071	-.00027	.00080	.00421	-.00004	-.06409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.00079	303.27	-.00023	.00750	.21892	.00041	.00703
Stddev	.00015	.00078	1.49	.00047	.00016	.00538	.00016	.01633
%RSD	10.438	97.542	.49294	204.54	2.1079	2.4559	38.481	232.22

#1	.00149	.00139	302.30	-.00057	.00740	.22391	.00055	.02566
#2	.00123	-.00008	305.00	.00031	.00768	.21322	.00024	-.00482
#3	.00147	.00108	302.53	-.00042	.00741	.21964	.00042	.00025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00764	.00363	-.00146	.00150	-.00358	-.0023	-.00005	29.517
Stddev	.00580	.00188	.00019	.00215	.00321	.0027	.00010	4.482
%RSD	76.018	51.697	13.111	143.18	89.582	115.5	229.78	15.186

#1	.00940	.00327	-.00153	-.00089	-.00545	-.0035	.00008	28.080
#2	.01235	.00196	-.00160	.00327	-.00540	.0008	-.00011	34.541
#3	.00115	.00566	-.00124	.00212	.00012	-.0041	-.00011	25.929

Sample Name: PB121981TB Acquired: 8/5/2019 16:57:19 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.8446
Stddev 1.5024
%RSD 25.706

#1 4.3983
#2 7.3974
#3 5.7381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.4	23389.	1530.0	20.561	2032.8
Stddev	8.7	30.	4.6	1.018	5.8
%RSD	.44268	.12727	.30251	4.9510	.28585

#1	1965.6	23354.	1524.9	20.767	2030.0
#2	1963.2	23403.	1534.0	19.456	2028.8
#3	1979.3	23409.	1530.9	21.461	2039.4

Sample Name: PB121984BL Acquired: 8/5/2019 17:01:47 Type: Unk
Method: P4-ICP2(v3319) 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	.00385	-.00259	-.00211	.00246	.00328	-.01783	.00125	-.00004
Stddev	.00037	.00095	.00080	.00384	.00183	.02168	.00044	.00007
%RSD	9.6440	36.775	37.660	156.06	55.782	121.62	35.326	197.16

#1	.00426	-.00268	-.00300	.00212	.00402	-.04094	.00171	-.00008
#2	.00374	-.00159	-.00146	-.00120	.00120	-.01459	.00119	-.00007
#3	.00354	-.00349	-.00188	.00646	.00462	.00205	.00084	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.01324	.00004	.00010	.00002	.00004	-.00002	.00401
Stddev	.00002	.01106	.00039	.00037	.00043	.00100	.00002	.08819
%RSD	12.878	83.557	1014.1	357.72	2181.8	2607.5	143.10	2198.0

#1	-.00015	-.02183	.00002	.00025	.00024	-.00090	-.00004	-.06200
#2	-.00016	-.01713	.00044	-.00032	-.00047	.00110	-.00000	-.03013
#3	-.00019	-.00076	-.00034	.00038	.00029	-.00008	-.00000	.10417

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00082	.52453	-.00041	.00161	.17792	-.00018	-.00610
Stddev	.00039	.00036	.02594	.00011	.00012	.01436	.00025	.00869
%RSD	400.49	43.837	4.9453	25.445	7.7341	8.0709	141.72	142.36

#1	.00055	.00044	.55172	-.00050	.00172	.17774	-.00022	-.00835
#2	-.00016	.00116	.52181	-.00030	.00164	.19237	.00009	.00349
#3	-.00010	.00087	.50005	-.00044	.00147	.16365	-.00041	-.01345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	.00222	-.00099	-.00169	-.00243	-.0016	-.00019	1.5536
Stddev	.00390	.00228	.00097	.00039	.00102	.0019	.00004	3.6967
%RSD	113.86	102.55	98.622	22.901	41.809	114.6	19.410	237.94

#1	-.00080	.00057	-.00009	-.00205	-.00359	-.0002	-.00021	3.5815
#2	.00689	.00482	-.00085	-.00174	-.00170	-.0037	-.00020	-2.7133
#3	.00420	.00127	-.00202	-.00128	-.00200	-.0010	-.00014	3.7927

Sample Name: PB121984BL Acquired: 8/5/2019 17:01:47 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .96660
Stddev .66473
%RSD 68.771

#1 .24490
#2 1.1011
#3 1.5538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.7	25072.	1579.6	22.040	2221.2
Stddev	5.4	25.	5.3	1.328	5.4
%RSD	.26248	.10151	.33567	6.0257	.24525

#1	2039.6	25043.	1583.9	21.365	2214.9
#2	2049.3	25083.	1573.7	23.570	2224.2
#3	2048.4	25090.	1581.3	21.185	2224.5

Sample Name: PB121984BS Acquired: 8/5/2019 17:06:15 Type: Unk
Method: P4-ICP2(v3319) 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	.82225	2.1237	1.0855	2.0458	.85388	2.1644	.22249
Stddev	.00159	.0013	.0015	.0014	.00609	.0254	.00137
%RSD	.19314	.06050	.13551	.06723	.71311	1.1744	.61351

#1	.82317	2.1228	1.0867	2.0447	.85992	2.1354	.22094
#2	.82316	2.1252	1.0839	2.0473	.85397	2.1750	.22303
#3	.82042	2.1232	1.0861	2.0454	.84774	2.1829	.22351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21117	.20693	F 1.2177	.45413	.21859	.34871	3.4733
Stddev	.00032	.00015	.0349	.00063	.00037	.00190	.0055
%RSD	.15194	.07266	2.8647	.13960	.17112	.54565	.15714

#1	.21127	.20698	1.2036	.45436	.21898	.34878	3.4771
#2	.21142	.20705	1.2574	.45341	.21823	.35058	3.4758
#3	.21080	.20676	1.1921	.45462	.21856	.34677	3.4670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23172	2.1095	.54376	.07804	F 3.6799	.34045	.21638
Stddev	.00050	.0331	.00066	.00098	.0436	.00193	.00018
%RSD	.21521	1.5683	.12118	1.2574	1.1837	.56715	.08184

#1	.23206	2.1107	.54302	.07759	3.6296	.33955	.21657
#2	.23115	2.0759	.54394	.07737	3.7050	.33913	.21635
#3	.23194	2.1420	.54430	.07917	3.7050	.34267	.21622

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.864	.44083	.32766	F -.00238	1.0906	.71994	.21901
Stddev	.103	.00128	.02019	.00146	.0039	.00084	.00270
%RSD	.95183	.28982	6.1607	61.313	.35771	.11702	1.2324

#1	10.746	.43980	.33082	-.00295	1.0933	.71908	.21591
#2	10.907	.44226	.34609	-.00347	1.0924	.71997	.22081
#3	10.938	.44042	.30609	-.00072	1.0861	.72076	.22031

Sample Name: PB121984BS Acquired: 8/5/2019 17:06:15 Type: Unk
Method: P4-ICP2(v3319) 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	.23916	6.109	.23106	F 6.0064	F<.00000
Stddev	.00033	.006	.00032	4.3963	1.7822
%RSD	.13968	.0929	.13792	73.194	32.507

#1	.23946	6.104	.23072	6.3212	-4.6052
#2	.23922	6.115	.23111	1.4612	-7.5332
#3	.23880	6.109	.23136	10.237	-4.3089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.2	24904.	1543.2	22.510	2197.8
Stddev	2.0	93.	10.3	.530	4.4
%RSD	.09966	.37470	.66578	2.3529	.20235

#1	2034.4	24829.	1531.4	22.565	2201.4
#2	2030.8	24873.	1549.1	23.010	2199.1
#3	2034.3	25009.	1549.2	21.955	2192.8

Sample Name: PB121984TB Acquired: 8/5/2019 17:10:22 Type: Unk
Method: P4-ICP2(v3319) 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	.00188	-.00288	-.00197	.00014	.00311	.00118	.00025	.00001
Stddev	.00206	.00211	.00042	.00703	.00070	.00424	.00052	.00008
%RSD	109.87	73.246	21.518	4919.4	22.434	360.33	205.51	1616.9

#1	.00368	-.00434	-.00232	.00596	.00231	.00076	.00084	-.00008
#2	-.00038	-.00385	-.00150	-.00767	.00342	.00562	-.00018	.00001
#3	.00234	-.00046	-.00211	.00213	.00359	-.00284	.00011	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01771	.00068	-.00022	.00049	.00421	.00005	-.08968
Stddev	.00007	.01217	.00029	.00012	.00065	.00049	.00007	.06895
%RSD	58.791	68.707	42.950	57.276	133.70	11.534	148.35	76.887

#1	-.00019	.03137	.00095	-.00032	.00110	.00452	.00012	-.03606
#2	-.00011	.01371	.00072	-.00026	-.00020	.00446	.00005	-.06551
#3	-.00006	.00804	.00037	-.00008	.00058	.00365	-.00002	-.16746

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	.00141	256.86	-.00028	.01366	.19731	-.00015	.00097
Stddev	.00082	.00045	1.75	.00021	.00011	.03791	.00020	.00951
%RSD	81.772	32.181	.68153	73.909	.82770	19.212	140.21	975.55

#1	.00178	.00160	254.88	-.00011	.01378	.21535	-.00018	.01146
#2	.00014	.00174	257.50	-.00051	.01362	.15375	-.00033	-.00709
#3	.00110	.00089	258.20	-.00021	.01356	.22284	.00008	-.00144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00986	.00451	-.00074	.00116	-.00137	-.0021	.00009	31.218
Stddev	.00222	.00241	.00108	.00121	.00164	.0012	.00010	2.190
%RSD	22.556	53.395	145.53	104.62	119.40	59.94	101.63	7.0161

#1	.01047	.00723	-.00186	.00242	-.00122	-.0008	.00000	31.741
#2	.01172	.00264	-.00068	.00102	.00019	-.0021	.00009	28.814
#3	.00739	.00367	.00031	.00002	-.00308	-.0033	.00020	33.100

Sample Name: PB121984TB Acquired: 8/5/2019 17:10:22 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.052
Stddev 1.974
%RSD 17.866

#1 10.424
#2 13.263
#3 9.4670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.9	23674.	1543.3	22.730	2047.7
Stddev	8.9	18.	12.8	.237	9.3
%RSD	.45021	.07504	.82754	1.0448	.45202

#1	1967.9	23672.	1531.8	22.770	2037.7
#2	1974.3	23657.	1540.9	22.476	2049.2
#3	1985.5	23692.	1557.1	22.945	2056.0

Sample Name: PB121982BL Acquired: 8/5/2019 17:14:49 Type: Unk
Method: P4-ICP2(v3319) 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	.00406	-.00283	-.00230	-.00034	.00172	.00864	.00039
Stddev	.00159	.00038	.00096	.00582	.00158	.00583	.00032
%RSD	39.078	13.429	41.617	1720.8	91.414	67.500	81.309

#1	.00451	-.00241	-.00123	-.00054	.00042	.00501	.00005
#2	.00230	-.00316	-.00258	-.00606	.00347	.01537	.00068
#3	.00538	-.00291	-.00308	.00559	.00128	.00554	.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00004	-.00549	-.00026	.00036	-.00027	-.00066
Stddev	.00004	.00006	.02880	.00067	.00026	.00041	.00070
%RSD	420.65	137.34	524.59	258.68	70.980	155.19	107.22

#1	-.00003	.00002	-.03682	.00042	.00057	-.00041	-.00024
#2	.00005	-.00008	.01984	-.00092	.00007	.00020	-.00026
#3	.00001	-.00006	.00051	-.00029	.00045	-.00059	-.00147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00048	.00027	.00071	.46253	-.00048	.00110
Stddev	.00003	.07805	.00021	.00047	.02481	.00069	.00005
%RSD	23.609	16284.	77.655	66.417	5.3642	143.47	4.2637

#1	-.00008	.06976	.00048	.00046	.43570	.00030	.00111
#2	-.00013	.01332	.00007	.00042	.46725	-.00074	.00114
#3	-.00012	-.08451	.00025	.00125	.48465	-.00100	.00105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17592	-.00019	.00579	.00054	.00524	-.00221	.00142
Stddev	.05896	.00034	.01725	.00264	.00227	.00058	.00339
%RSD	33.513	181.77	297.97	491.37	43.326	26.176	238.23

#1	.22992	-.00021	-.00108	.00127	.00782	-.00247	.00334
#2	.18483	.00017	-.00697	-.00239	.00352	-.00263	-.00249
#3	.11302	-.00052	.02541	.00273	.00439	-.00155	.00343

Sample Name: PB121982BL Acquired: 8/5/2019 17:14:49 Type: Unk
Method: P4-ICP2(v3319) 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	-0.00268	.0002	-0.00017	3.8352	F<.00000
Stddev	.00251	.0014	.00014	3.9308	2.4691
%RSD	93.642	659.5	82.735	102.49	80.700

#1	-0.00338	-.0014	-.00029	5.4796	-5.1793
#2	.00011	.0008	-.00002	-.65077	-3.6508
#3	-.00476	.0013	-.00018	6.6767	-.34856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.3	25060.	1552.8	21.503	2237.3
Stddev	3.2	55.	16.4	.206	3.4
%RSD	.15396	.21996	1.0562	.95768	.15084

#1	2052.9	25006.	1566.4	21.740	2238.1
#2	2056.7	25059.	1534.6	21.405	2233.6
#3	2059.1	25116.	1557.3	21.365	2240.2

Sample Name: PB121982TB Acquired: 8/5/2019 17:23:26 Type: Unk
Method: P4-ICP2(v3319) 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	-.00271	-.00425	-.00344	-.00282	.00119	-.00568	.00030	-.00002
Stddev	.00219	.00271	.00106	.00321	.00203	.00735	.00010	.00014
%RSD	80.903	63.713	30.737	113.63	170.98	129.37	33.570	707.12

#1	-.00281	-.00628	-.00230	.00055	.00353	-.01237	.00020	-.00009
#2	-.00047	-.00118	-.00364	-.00319	-.00012	-.00687	.00041	.00014
#3	-.00485	-.00530	-.00438	-.00584	.00015	.00219	.00029	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.03098	.00043	-.00030	-.00011	.00439	.00004	-.05120
Stddev	.00011	.01888	.00062	.00037	.00041	.00026	.00012	.06531
%RSD	91.759	60.944	144.85	125.97	368.89	5.8952	277.97	127.55

#1	-.00024	.03052	.00108	-.00066	-.00021	.00413	-.00010	-.11068
#2	-.00002	.05010	.00037	.00009	.00034	.00442	.00010	-.06161
#3	-.00010	.01234	-.00016	-.00032	-.00046	.00464	.00012	.01868

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	.00159	347.01	.00002	.00740	.17608	-.00035	.01685
Stddev	.00040	.00009	.38	.00033	.00003	.05590	.00019	.01636
%RSD	21.588	5.5993	.11077	1414.1	.34648	31.745	53.130	97.091

#1	.00202	.00158	346.57	.00036	.00742	.17384	-.00033	.00337
#2	.00210	.00151	347.16	.00001	.00740	.12134	-.00017	.03506
#3	.00138	.00168	347.29	-.00030	.00737	.23307	-.00054	.01213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00263	-.00020	-.00144	-.00406	-.0019	.00011	34.797
Stddev	.00253	.00117	.00062	.00291	.00244	.0005	.00014	1.379
%RSD	144.09	44.400	315.56	202.79	60.164	25.42	126.98	3.9637

#1	-.00039	.00279	-.00017	.00192	-.00319	-.0020	-.00005	36.387
#2	.00111	.00371	-.00083	-.00321	-.00682	-.0013	.00019	33.917
#3	.00455	.00139	.00041	-.00302	-.00217	-.0023	.00020	34.088

Sample Name: PB121982TB Acquired: 8/5/2019 17:23:26 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.247
Stddev .976
%RSD 8.6750

#1 11.841
#2 10.121
#3 11.780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.1	23606.	1556.2	22.315	2031.6
Stddev	4.4	80.	8.8	.931	5.2
%RSD	.22468	.33911	.56864	4.1708	.25729

#1	1970.7	23528.	1546.4	21.324	2026.2
#2	1974.9	23603.	1558.8	23.170	2031.9
#3	1979.6	23688.	1563.6	22.451	2036.7

Sample Name: PB121982BS Acquired: 8/5/2019 17:35:56 Type: Unk
Method: P4-ICP2(v3319) 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	.78405	2.0115	1.0117	2.0516	.80926	1.9332	.20446
Stddev	.00349	.0044	.0006	.0004	.00255	.0186	.00288
%RSD	.44564	.21920	.05387	.02052	.31466	.96218	1.4109

#1	.78269	2.0074	1.0120	2.0517	.80735	1.9150	.20138
#2	.78802	2.0110	1.0121	2.0511	.80827	1.9324	.20490
#3	.78145	2.0162	1.0111	2.0519	.81215	1.9522	.20710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20632	.19506	1.0544	.41298	.20137	.32728	3.2187
Stddev	.00028	.00049	.0440	.00084	.00007	.00093	.0073
%RSD	.13368	.25040	4.1776	.20359	.03296	.28473	.22613

#1	.20662	.19458	1.0064	.41235	.20137	.32651	3.2231
#2	.20625	.19556	1.0929	.41266	.20144	.32701	3.2103
#3	.20608	.19502	1.0639	.41394	.20131	.32832	3.2226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21432	2.0169	.50183	.07457	3.3640	.31092	.19705
Stddev	.00053	.0732	.00043	.00060	.0743	.00197	.00036
%RSD	.24778	3.6281	.08634	.81009	2.2084	.63281	.18511

#1	.21444	1.9414	.50168	.07388	3.3095	.31257	.19719
#2	.21374	2.0218	.50149	.07500	3.3339	.30874	.19733
#3	.21479	2.0875	.50232	.07483	3.4486	.31145	.19664

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8043	.40434	.27817	F -.00678	1.0056	.67643	.19769
Stddev	.0781	.00114	.03044	.00323	.0353	.00293	.01160
%RSD	.79672	.28262	10.942	47.711	3.5104	.43270	5.8690

#1	9.7175	.40416	.26718	-.00910	.96484	.67318	.18558
#2	9.8689	.40330	.25476	-.00308	1.0276	.67886	.20870
#3	9.8265	.40556	.31258	-.00815	1.0242	.67725	.19878

Sample Name: PB121982BS Acquired: 8/5/2019 17:35:56 Type: Unk
 Method: P4-ICP2(v3319) 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	.20722	5.847	.20433	F 18.286	F<.00000
Stddev	.00710	.007	.01087	5.712	1.1765
%RSD	3.4240	.1158	5.3188	31.235	202.75

#1	.19934	5.850	.19179	24.398	.53798
#2	.20924	5.852	.21024	17.377	-1.8074
#3	.21309	5.840	.21096	13.083	-.47140

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.9	25021.	1594.2	22.908	2225.5
Stddev	6.5	68.	63.7	.719	3.3
%RSD	.31684	.27265	3.9949	3.1372	.14827

#1	2054.9	25006.	1667.6	23.230	2226.5
#2	2058.2	25096.	1553.0	23.410	2228.2
#3	2045.7	24962.	1562.1	22.085	2221.8

Sample Name: CCV05 Acquired: 8/5/2019 17:40:04 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2779	5.3030	5.2817	5.3326	5.2797	10.225	10.405
Stddev	.1607	.1580	.1528	.1531	.1667	.137	.099
%RSD	3.0456	2.9793	2.8922	2.8709	3.1580	1.3353	.95339

#1	5.4612	5.4816	5.4563	5.5094	5.4705	10.079	10.299
#2	5.1606	5.1814	5.1728	5.2440	5.1619	10.348	10.421
#3	5.2121	5.2461	5.2159	5.2444	5.2068	10.249	10.496

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26515	2.6020	26.230	1.0322	2.6264	1.3284	5.2927
Stddev	.00043	.0751	.200	.0032	.0805	.0390	.0100
%RSD	.16281	2.8878	.76293	.30520	3.0651	2.9340	.18827

#1	.26466	2.6881	26.078	1.0291	2.7183	1.3733	5.2866
#2	.26548	2.5496	26.155	1.0354	2.5686	1.3036	5.3042
#3	.26531	2.5683	26.457	1.0321	2.5923	1.3083	5.2873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6538	26.340	2.6053	1.3010	25.978	2.6164	2.5957
Stddev	.0041	.408	.0787	.0018	.213	.0077	.0744
%RSD	.15378	1.5496	3.0192	.14017	.81817	.29344	2.8666

#1	2.6499	25.879	2.6954	1.2993	25.737	2.6109	2.6810
#2	2.6534	26.656	2.5503	1.3007	26.058	2.6131	2.5438
#3	2.6581	26.484	2.5702	1.3029	26.139	2.6252	2.5624

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.654	5.3122	5.0706	5.2424	5.0829	5.2126	5.2131
Stddev	.233	.1523	.0970	.1567	.0436	.1660	.0157
%RSD	.90687	2.8660	1.9139	2.9884	.85730	3.1855	.30026

#1	25.426	5.4864	4.9610	5.4220	5.1188	5.4012	5.2193
#2	25.891	5.2044	5.1051	5.1338	5.0344	5.0885	5.1953
#3	25.645	5.2458	5.1457	5.1715	5.0955	5.1480	5.2247

Sample Name: CCV05 Acquired: 8/5/2019 17:40:04 Type: Unk
 Method: P4-ICP2(v3319) 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	5.0626	5.415	5.2248	F 45.214	4.9080
Stddev	.0484	.147	.0515	1.308	4.8012
%RSD	.95524	2.710	.98524	2.8937	97.825

#1	5.0924	5.581	5.2390	46.608	9.6264
#2	5.0068	5.301	5.1677	44.013	5.0696
#3	5.0886	5.363	5.2676	45.020	.02801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.6	24342.	1566.0	22.266	2003.9
Stddev	53.5	20.	18.7	1.495	56.4
%RSD	2.7125	.08239	1.1925	6.7162	2.8157

#1	1910.9	24366.	1547.1	22.680	1939.9
#2	2012.0	24332.	1584.5	23.511	2046.5
#3	1991.8	24330.	1566.4	20.607	2025.3

Sample Name: CCB05 Acquired: 8/5/2019 17:44:02 Type: Unk
Method: P4-ICP2(v3319) 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	.00155	.00019	-.00246	.00251	.00162	-.00196	.00124
Stddev	.00089	.00169	.00035	.00316	.00211	.01941	.00054
%RSD	57.075	883.35	14.102	125.55	129.93	989.03	43.148

#1	.00056	.00036	-.00248	.00081	.00404	.00681	.00136
#2	.00226	.00179	-.00279	.00058	.00013	-.02421	.00171
#3	.00184	-.00157	-.00210	.00616	.00071	.01151	.00066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	-.00564	-.00032	.00008	.00020	-.00043
Stddev	.00007	.00008	.01429	.00061	.00012	.00055	.00058
%RSD	347.96	150.41	253.18	191.22	152.70	270.69	135.66

#1	.00009	-.00011	.00643	-.00067	-.00001	.00021	-.00024
#2	.00004	-.00009	-.00195	.00039	.00022	.00074	-.00108
#3	-.00006	.00004	-.02142	-.00068	.00003	-.00035	.00004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.04340	.00021	.00025	.27141	.00028	.00066
Stddev	.00002	.10432	.00025	.00077	.01805	.00082	.00004
%RSD	180.46	240.39	120.77	304.06	6.6507	293.49	5.7639

#1	-.00000	-.14762	.00050	.00040	.25595	.00002	.00069
#2	.00000	-.04359	.00006	-.00058	.29125	.00120	.00067
#3	.00003	.06102	.00007	.00093	.26703	-.00038	.00061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07559	.00083	.00805	F .00543	.00170	-.00200	.00292
Stddev	.01794	.00054	.01744	.00757	.00318	.00130	.00094
%RSD	23.737	65.323	216.51	139.58	187.38	65.347	32.360

#1	.05858	.00127	-.01085	.00383	.00489	-.00156	.00327
#2	.07384	.00100	.02351	-.00122	.00167	-.00096	.00185
#3	.09434	.00022	.01150	.01367	-.00147	-.00346	.00364

Sample Name: CCB05 Acquired: 8/5/2019 17:44:02 Type: Unk
 Method: P4-ICP2(v3319) 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	-.00188	-.0008	.00022	F 16.447	F 5.8958
Stddev	.00141	.0017	.00023	1.029	1.1881
%RSD	74.960	221.6	105.72	6.2591	20.151

#1	-.00028	.0003	.00045	15.413	7.0432
#2	-.00295	.0002	.00020	16.455	4.6709
#3	-.00241	-.0028	-.00000	17.472	5.9734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.6	24990.	1570.1	23.497	2217.1
Stddev	4.2	130.	6.6	1.171	5.7
%RSD	.20794	.52159	.41867	4.9849	.25515

#1	2041.5	25122.	1576.2	24.635	2211.3
#2	2037.4	24987.	1570.9	23.560	2217.4
#3	2045.9	24861.	1563.2	22.295	2222.6

Sample Name: K4093-02 Acquired: 8/5/2019 17:48:32 Type: Unk
Method: P4-ICP2(v3319) 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	-.00177	-.00544	-.00044	.00482	.00146	.07479	.11382	.00016
Stddev	.00238	.00134	.00052	.00153	.00127	.00779	.00124	.00010
%RSD	134.45	24.597	119.66	31.859	87.334	10.420	1.0891	61.417

#1	-.00425	-.00486	-.00050	.00351	.00119	.06759	.11367	.00010
#2	-.00156	-.00697	.00012	.00443	.00034	.08306	.11266	.00010
#3	.00050	-.00449	-.00092	.00651	.00284	.07371	.11513	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	8.0042	-.00037	.00196	.00904	.01925	.49880	1.2477
Stddev	.00000	.0744	.00069	.00007	.00074	.00084	.00009	.1482
%RSD	12.322	.92982	188.84	3.4024	8.2157	4.3412	.01796	11.876

#1	.00004	7.9215	-.00033	.00203	.00827	.01869	.49890	1.3713
#2	.00003	8.0659	.00031	.00194	.00975	.01884	.49873	1.2885
#3	.00003	8.0251	-.00107	.00190	.00910	.02021	.49877	1.0834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00052	329.48	-.00074	.03946	.88750	.00007	.00673
Stddev	.00046	.00106	2.67	.00023	.00011	.02425	.00048	.04091
%RSD	26.917	204.28	.81160	31.394	.28483	2.7327	641.82	607.63

#1	.00172	-.00047	327.66	-.00093	.03946	.88227	.00062	-.01705
#2	.00125	-.00161	328.22	-.00082	.03935	.86629	-.00020	-.01673
#3	.00218	.00052	332.55	-.00048	.03957	.91394	-.00020	.05397

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28651	.38968	.00039	.00127	-.00113	.0031	.03386	32.006
Stddev	.00892	.00363	.00066	.00323	.00317	.0006	.00039	4.223
%RSD	3.1142	.93278	168.21	254.13	281.84	18.76	1.1539	13.193

#1	.29590	.38602	.00021	-.00188	-.00207	.0027	.03343	36.065
#2	.28547	.39329	.00112	.00458	.00241	.0038	.03420	32.316
#3	.27815	.38974	-.00016	.00111	-.00373	.0028	.03395	27.637

Sample Name: K4093-02 Acquired: 8/5/2019 17:48:32 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.876
Stddev 1.693
%RSD 15.567

#1 11.912
#2 8.9226
#3 11.795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.0	23646.	1554.2	21.936	2034.5
Stddev	7.5	61.	12.6	.640	8.1
%RSD	.37649	.25664	.80909	2.9161	.40015

#1	1982.2	23596.	1550.0	21.229	2027.8
#2	1977.5	23713.	1544.3	22.105	2032.0
#3	1992.2	23627.	1568.3	22.474	2043.5

Sample Name: K4140-33 Acquired: 8/5/2019 17:53:00 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP8-182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04797	-.01952	1.0951	.02332	.00364	115.56	.73355
Stddev	.00477	.00146	.0008	.00633	.00216	1.20	.00539
%RSD	9.9447	7.4616	.07103	27.155	59.368	1.0360	.73428

#1	.04273	-.01994	1.0942	.01663	.00325	114.96	.72927
#2	.05206	-.01790	1.0954	.02410	.00171	114.78	.73179
#3	.04913	-.02072	1.0956	.02922	.00598	116.94	.73960

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00899	-.00132	125.83	.49859	.02587	.25770	117.70
Stddev	.00021	.00013	6.33	.00420	.00026	.00043	.51
%RSD	2.3623	9.9674	5.0328	.84143	1.0083	.16834	.43208

#1	.00896	-.00144	121.33	.50224	.02617	.25771	117.15
#2	.00921	-.00118	123.08	.49952	.02573	.25726	117.78
#3	.00879	-.00135	133.07	.49401	.02571	.25812	118.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5727	42.365	.19407	-.00590	1.6802	.51150	.60961
Stddev	.0045	.576	.00102	.00040	.0175	.00237	.00269
%RSD	.28493	1.3598	.52611	6.7680	1.0401	.46295	.44104

#1	1.5744	42.041	.19522	-.00545	1.6602	.51180	.60689
#2	1.5676	42.024	.19373	-.00621	1.6883	.51370	.61226
#3	1.5761	43.030	.19327	-.00603	1.6922	.50899	.60968

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2836	.00406	.03638	9.5243	7.7788	.01314	1.1685
Stddev	.0393	.00043	.01906	.0101	.0836	.00076	.0540
%RSD	.91757	10.488	52.394	.10563	1.0749	5.7499	4.6205

#1	4.2843	.00443	.02230	9.5135	7.7112	.01259	1.1314
#2	4.3226	.00414	.05808	9.5334	7.7529	.01400	1.1436
#3	4.2440	.00360	.02877	9.5260	7.8723	.01282	1.2304

Sample Name: K4140-33 Acquired: 8/5/2019 17:53:00 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-TP8-182 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07022	1.882	.27181	<.00000	F<.00000
Stddev	.00470	.004	.02013	3.0680	.80009
%RSD	6.7000	.2337	7.4056	6.1098	54.336

#1	.06611	1.886	.25853	-49.422	-.86597
#2	.06920	1.883	.26192	-53.601	-1.1722
#3	.07535	1.877	.29497	-47.620	-2.3793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.5	27987.	1792.8	22.913	2108.7
Stddev	4.9	112.	69.7	1.345	3.4
%RSD	.21238	.39950	3.8860	5.8690	.16048

#1	2319.4	27884.	1834.2	24.132	2112.5
#2	2321.1	28106.	1831.8	23.135	2107.5
#3	2311.9	27971.	1712.4	21.471	2106.1

Sample Name: K4140-34 Acquired: 8/5/2019 17:57:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS001-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03723	-.01346	.23808	.02238	.00405	59.893	.23027	.00297
Stddev	.00274	.00034	.00044	.00319	.00412	.613	.00226	.00016
%RSD	7.3580	2.4949	.18546	14.270	101.72	1.0243	.97989	5.2497

#1	.04024	-.01385	.23764	.02197	.00853	59.234	.22771	.00314
#2	.03488	-.01326	.23806	.02576	.00319	59.998	.23117	.00292
#3	.03656	-.01326	.23852	.01941	.00043	60.447	.23194	.00284

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	41.660	.36355	.03436	.60353	120.93	1.3720	29.009
Stddev	.00016	.239	.00314	.00013	.00076	1.03	.0117	.430
%RSD	9.9565	.57325	.86297	.38839	.12570	.85100	.85100	1.4808

#1	-.00146	41.909	.36254	.03426	.60306	120.21	1.3642	28.543
#2	-.00163	41.433	.36104	.03451	.60312	120.49	1.3663	29.092
#3	-.00179	41.637	.36706	.03432	.60440	122.11	1.3854	29.390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70681	-.00489	1.0412	.17236	1.8781	6.4849	.00915	.01510
Stddev	.00160	.00032	.0238	.00169	.0057	.0508	.00020	.02109
%RSD	.22600	6.5664	2.2864	.98222	.30520	.78267	2.2335	139.67

#1	.70512	-.00478	1.0138	.17143	1.8841	6.4309	.00933	.03772
#2	.70701	-.00464	1.0537	.17134	1.8727	6.5316	.00893	.01161
#3	.70830	-.00525	1.0562	.17431	1.8775	6.4923	.00920	-.00403

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0722	9.0022	.01906	.81975	.05544	2.212	.09089	<.00000
Stddev	.0034	.0260	.00171	.00213	.00142	.004	.00118	4.2765
%RSD	.11083	.28903	8.9832	.25927	2.5634	.2019	1.2985	14.853

#1	3.0755	9.0149	.01735	.81883	.05692	2.216	.09057	-30.343
#2	3.0687	8.9722	.01908	.82218	.05531	2.213	.09220	-32.078
#3	3.0723	9.0193	.02077	.81823	.05408	2.207	.08990	-23.957

Sample Name: K4140-34 Acquired: 8/5/2019 17:57:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS001-0 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.3549
%RSD 512.03

#1 1.2019
#2 -.52594
#3 -1.4698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.7	26971.	1733.6	24.157	2172.6
Stddev	12.3	251.	11.8	.411	10.1
%RSD	.54933	.93126	.67900	1.7020	.46589

#1	2225.7	27170.	1724.3	24.631	2163.2
#2	2248.7	27053.	1746.8	23.902	2183.3
#3	2229.8	26689.	1729.7	23.938	2171.3

Sample Name: K4140-35 Acquired: 8/5/2019 18:01:48 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS001-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03325	-.01037	.27280	.01737	.00366	65.039	.17083	.00208
Stddev	.00395	.00161	.00193	.00212	.00134	.424	.00161	.00010
%RSD	11.879	15.536	.70690	12.191	36.696	.65201	.94535	4.8017

#1	.03103	-.01062	.27178	.01773	.00452	64.552	.16906	.00200
#2	.03781	-.00865	.27502	.01928	.00435	65.322	.17223	.00206
#3	.03090	-.01184	.27159	.01509	.00211	65.244	.17119	.00219

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	17.635	.18628	.02477	.50020	108.35	.76186	8.7136
Stddev	.00011	.125	.00156	.00017	.00156	.22	.00185	.0356
%RSD	3.7991	.71057	.83667	.68311	.31134	.20498	.24237	.40852

#1	-.00265	17.523	.18806	.02485	.49899	108.36	.76275	8.6921
#2	-.00285	17.613	.18513	.02457	.50196	108.12	.75974	8.6940
#3	-.00283	17.770	.18566	.02488	.49966	108.56	.76309	8.7547

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49586	-.00471	.47331	.15630	.99677	2.7685	.00498	.01578
Stddev	.00160	.00061	.00572	.00158	.00279	.0317	.00032	.01605
%RSD	.32325	13.040	1.2080	1.0096	.27944	1.1462	6.4464	101.76

#1	.49431	-.00462	.46732	.15470	.99665	2.7360	.00486	.02792
#2	.49751	-.00537	.47391	.15636	.99961	2.7700	.00535	.02183
#3	.49576	-.00415	.47871	.15786	.99404	2.7994	.00474	-.00242

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4685	8.1391	.10863	.74249	.03783	1.442	.01155	<.00000
Stddev	.0116	.0609	.00173	.00867	.00211	.004	.00062	2.7147
%RSD	.78815	.74845	1.5885	1.1675	5.5857	.2846	5.3379	10.424

#1	1.4815	8.1335	.10828	.73518	.03897	1.446	.01112	-23.631
#2	1.4596	8.0811	.11051	.74022	.03539	1.439	.01127	-28.984
#3	1.4643	8.2026	.10712	.75207	.03912	1.439	.01225	-25.517

Sample Name: K4140-35 Acquired: 8/5/2019 18:01:48 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-SS001-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9257
 Stddev 3.1742
 %RSD 80.856

#1 6.6436
 #2 4.6965
 #3 .43715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.8	26449.	1686.1	24.684	2221.8
Stddev	7.5	55.	2.9	.364	4.6
%RSD	.34081	.20697	.17460	1.4735	.20898

#1	2189.6	26472.	1684.6	25.075	2222.1
#2	2178.4	26386.	1689.5	24.622	2217.0
#3	2192.5	26488.	1684.3	24.355	2226.3

Sample Name: K4140-36 Acquired: 8/5/2019 18:06:11 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02543	-.01067	.85725	.02132	.00463	77.356	.40117	.00246
Stddev	.00189	.00165	.00195	.00898	.00062	.418	.00228	.00021
%RSD	7.4438	15.496	.22703	42.091	13.284	.54099	.56952	8.6998

#1	.02491	-.01249	.85882	.01876	.00429	76.893	.39914	.00224
#2	.02753	-.00926	.85786	.01391	.00427	77.469	.40365	.00246
#3	.02385	-.01026	.85507	.03130	.00534	77.706	.40073	.00267

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	12.304	.48639	.01788	.91867	135.79	.33732	3.7031
Stddev	.00007	.103	.00245	.00013	.00180	.99	.00102	.1327
%RSD	1.9592	.83722	.50300	.73195	.19580	.72884	.30322	3.5827

#1	-.00347	12.417	.48357	.01773	.91915	136.62	.33697	3.5824
#2	-.00340	12.280	.48759	.01793	.92018	134.70	.33652	3.6817
#3	-.00333	12.215	.48800	.01798	.91668	136.07	.33847	3.8452

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2695	-.00514	.59447	.15453	15.247	2.1554	.00252	.06856
Stddev	.0040	.00077	.00289	.00074	.033	.0305	.00038	.02072
%RSD	.17565	14.983	.48673	.47872	.21716	1.4148	15.056	30.225

#1	2.2652	-.00580	.59521	.15462	15.232	2.1907	.00273	.06297
#2	2.2731	-.00532	.59127	.15522	15.285	2.1380	.00274	.05120
#3	2.2701	-.00429	.59691	.15375	15.224	2.1377	.00208	.09150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76214	8.7574	.01149	.56456	.03127	1.834	-.07070	<.00000
Stddev	.00512	.0572	.00102	.00373	.00089	.004	.00093	1.4175
%RSD	.67212	.65350	8.8660	.66012	2.8607	.2220	1.3131	5.0488

#1	.75762	8.7992	.01053	.56050	.03096	1.837	-.07154	-26.523
#2	.76770	8.6922	.01256	.56782	.03057	1.835	-.06970	-29.301
#3	.76110	8.7809	.01139	.56536	.03228	1.829	-.07084	-28.402

Sample Name: K4140-36 Acquired: 8/5/2019 18:06:11 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-0 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 3.7922
%RSD 507.25

#1 -5.1102
#2 1.1070
#3 1.7604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.0	26779.	1702.4	23.766	2227.1
Stddev	6.8	105.	17.1	1.037	5.9
%RSD	.30920	.39385	1.0073	4.3634	.26270

#1	2214.9	26694.	1683.0	23.750	2231.7
#2	2201.6	26897.	1715.6	22.737	2220.5
#3	2210.7	26746.	1708.6	24.811	2229.1

Sample Name: K4140-37 Acquired: 8/5/2019 18:10:34 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01416	-.00952	.15133	.01549	.00528	52.198	.13654	.00099
Stddev	.00395	.00190	.00079	.00435	.00276	.139	.00155	.00008
%RSD	27.895	19.943	.52390	28.084	52.259	.26540	1.1358	8.2155

#1	.01868	-.01136	.15201	.01098	.00533	52.042	.13743	.00093
#2	.01238	-.00963	.15046	.01583	.00249	52.247	.13475	.00095
#3	.01141	-.00757	.15152	.01966	.00801	52.306	.13744	.00108

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	4.5604	.14324	.00893	.19167	62.890	.22724	2.7323
Stddev	.00005	.0384	.00022	.00011	.00057	.308	.00067	.0164
%RSD	2.4405	.84187	.15058	1.2726	.29547	.49018	.29536	.60094

#1	-.00218	4.5972	.14346	.00905	.19218	63.190	.22703	2.7512
#2	-.00209	4.5634	.14322	.00882	.19106	62.905	.22799	2.7213
#3	-.00208	4.5206	.14303	.00893	.19178	62.574	.22669	2.7244

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38780	-.00242	.45020	.09766	4.9253	1.3273	.00147	.01615
Stddev	.00090	.00031	.00546	.00049	.0080	.0297	.00040	.01192
%RSD	.23125	12.906	1.2120	.50602	.16180	2.2374	27.332	73.835

#1	.38678	-.00206	.45482	.09710	4.9312	1.3445	.00103	.01974
#2	.38814	-.00263	.44418	.09789	4.9162	1.2930	.00159	.02586
#3	.38847	-.00258	.45161	.09800	4.9284	1.3445	.00181	.00284

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24194	4.5106	.00403	.55709	.01997	1.079	-.03581	<.00000
Stddev	.00356	.0223	.00030	.00561	.00168	.003	.00027	.25288
%RSD	1.4722	.49560	7.5016	1.0064	8.3936	.2654	.74660	8.3178

#1	.24278	4.5229	.00436	.55282	.01804	1.076	-.03589	-3.2116
#2	.24500	4.5242	.00377	.56344	.02109	1.081	-.03603	-2.7498
#3	.23803	4.4848	.00395	.55502	.02078	1.079	-.03551	-3.1594

Sample Name: K4140-37 Acquired: 8/5/2019 18:10:34 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.8365
Stddev 4.1771
%RSD 61.100

#1 2.9510
#2 11.254
#3 6.3042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.3	26046.	1646.9	23.502	2239.4
Stddev	2.3	38.	12.8	1.406	4.2
%RSD	.10920	.14609	.77670	5.9838	.18591

#1	2138.8	26015.	1636.7	22.655	2234.9
#2	2141.8	26035.	1642.7	22.725	2243.1
#3	2137.3	26089.	1661.2	25.125	2240.3

Sample Name: K4140-37DUP Acquired: 8/5/2019 18:14:59 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01188	-.00819	.15030	.00675	.00513	51.505	.13661	.00090
Stddev	.00077	.00149	.00123	.00458	.00261	.319	.00061	.00017
%RSD	6.4529	18.251	.81948	67.816	50.913	.61840	.44408	19.304

#1	.01178	-.00947	.14888	.00557	.00672	51.140	.13617	.00070
#2	.01269	-.00655	.15108	.00288	.00212	51.646	.13730	.00098
#3	.01116	-.00855	.15093	.01180	.00657	51.729	.13636	.00101

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	4.4566	.14216	.00890	.18914	62.640	.22504	2.5843
Stddev	.00003	.0129	.00115	.00028	.00129	.428	.00109	.0544
%RSD	1.6398	.28825	.81214	3.1299	.68014	.68334	.48483	2.1032

#1	-.00210	4.4485	.14173	.00906	.18779	62.146	.22455	2.5326
#2	-.00212	4.4499	.14129	.00858	.18927	62.885	.22428	2.5792
#3	-.00217	4.4714	.14347	.00907	.19036	62.890	.22629	2.6410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35425	-.00136	.45666	.09746	4.8435	1.3630	.00151	.02053
Stddev	.00130	.00161	.01226	.00114	.0207	.0208	.00027	.02254
%RSD	.36726	118.48	2.6838	1.1722	.42745	1.5245	18.121	109.79

#1	.35289	-.00088	.44698	.09616	4.8196	1.3511	.00183	.04115
#2	.35440	-.00005	.47044	.09795	4.8560	1.3509	.00135	.02397
#3	.35548	-.00315	.45256	.09828	4.8548	1.3870	.00135	-.00353

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22209	4.4157	.00391	.54454	.02128	1.077	-.03494	<.00000
Stddev	.01041	.0321	.00141	.00228	.00155	.004	.00036	3.2920
%RSD	4.6886	.72645	35.986	.41923	7.2619	.3621	1.0198	97.846

#1	.21066	4.3811	.00535	.54502	.01956	1.074	-.03453	-7.1095
#2	.22456	4.4215	.00253	.54654	.02176	1.082	-.03517	-.92751
#3	.23105	4.4445	.00386	.54205	.02254	1.076	-.03512	-2.0565

Sample Name: K4140-37DUP Acquired: 8/5/2019 18:14:59 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8430
Stddev	2.1472
%RSD	44.337

#1	5.5596
#2	2.4291
#3	6.5402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.3	26263.	1658.9	23.397	2248.2
Stddev	7.9	69.	6.7	.460	8.2
%RSD	.36969	.26350	.40472	1.9680	.36347

#1	2147.3	26329.	1665.6	23.240	2257.6
#2	2132.2	26268.	1652.2	23.915	2243.3
#3	2135.6	26191.	1659.0	23.035	2243.7

Sample Name: K4140-37LX5 Acquired: 8/5/2019 18:19:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8450 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00405	.04817	.00403	.00184	10.257	.02876	.00030
Stddev	.00273	.00057	.00075	.00101	.00201	.149	.00055	.00008
%RSD	444.35	13.947	1.5622	25.125	109.46	1.4535	1.9264	26.545

#1	-.00133	-.00469	.04900	.00453	.00181	10.110	.02892	.00032
#2	-.00056	-.00387	.04798	.00287	.00386	10.252	.02922	.00036
#3	.00373	-.00360	.04753	.00471	-.00016	10.408	.02814	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.92231	.04101	.00170	.08057	12.608	.04669	.44072
Stddev	.00010	.02133	.00049	.00014	.00017	.011	.00012	.06446
%RSD	19.870	2.3123	1.1847	8.1776	.21176	.08718	.24823	14.625

#1	-.00059	.89785	.04083	.00175	.08071	12.606	.04657	.49445
#2	-.00055	.93698	.04156	.00181	.08038	12.599	.04681	.36925
#3	-.00039	.93211	.04063	.00155	.08062	12.620	.04668	.45844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08177	-.00090	.26371	.01887	.95949	.33117	.00165	.00199
Stddev	.00058	.00026	.01089	.00019	.00236	.02468	.00024	.02421
%RSD	.70774	28.771	4.1314	1.0037	.24573	7.4524	14.430	1219.5

#1	.08214	-.00084	.25126	.01899	.95843	.34756	.00184	-.02470
#2	.08206	-.00068	.26838	.01896	.95784	.30279	.00173	.00812
#3	.08110	-.00118	.27149	.01865	.96219	.34317	.00138	.02254

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05091	.89958	-.00240	.10965	.00250	.2083	-.00729	6.2340
Stddev	.00453	.00256	.00047	.00209	.00177	.0004	.00024	1.2247
%RSD	8.8895	.28441	19.455	1.9058	70.916	.2033	3.2619	19.646

#1	.05434	.89958	-.00292	.10740	.00280	.2083	-.00730	7.5991
#2	.04578	.90214	-.00225	.11154	.00410	.2087	-.00705	5.8712
#3	.05261	.89702	-.00203	.11001	.00059	.2078	-.00752	5.2315

Sample Name: K4140-37LX5 Acquired: 8/5/2019 18:19:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8450 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.8381
Stddev .5722
%RSD 9.8013

#1 5.3582
#2 5.6848
#3 6.4714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.8	25812.	1635.7	24.050	2252.4
Stddev	2.8	21.	6.4	.928	1.6
%RSD	.13145	.08248	.39015	3.8586	.07265

#1	2095.3	25824.	1630.4	23.855	2250.6
#2	2098.7	25825.	1633.9	23.235	2253.8
#3	2093.3	25788.	1642.8	25.060	2252.8

Sample Name: K4140-37MS Acquired: 8/5/2019 18:23:44 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 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	.73373	1.9361	1.1297	1.8535	.28319	62.783	.33317	.19511	.18624
Stddev	.00382	.0042	.0017	.0085	.00285	.160	.00020	.00053	.00021
%RSD	.52079	.21739	.15337	.45650	1.0061	.25411	.06044	.27145	.11050

#1	.72934	1.9398	1.1304	1.8563	.28473	62.635	.33340	.19532	.18616
#2	.73560	1.9315	1.1277	1.8440	.27990	62.952	.33303	.19451	.18647
#3	.73626	1.9369	1.1309	1.8603	.28494	62.764	.33308	.19550	.18609

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6807	.52920	.20513	.48172	64.316	.41816	4.7593	.78847	.06833
Stddev	.0387	.00040	.00062	.00175	.331	.00126	.1361	.00075	.00042
%RSD	.82697	.07473	.30300	.36327	.51481	.30066	2.8593	.09470	.61454

#1	4.6666	.52960	.20446	.48370	64.360	.41928	4.6037	.78860	.06810
#2	4.6511	.52881	.20569	.48111	63.966	.41840	4.8558	.78914	.06882
#3	4.7245	.52919	.20524	.48037	64.623	.41680	4.8184	.78767	.06808

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	3.3491	.39936	4.3498	11.043	.36260	.26018	.20738	5.4016	.62410
Stddev	.0049	.00114	.0051	.073	.00074	.03483	.00207	.0316	.00197
%RSD	.14662	.28480	.11825	.65784	.20463	13.387	.99916	.58469	.31488

#1	3.3513	.39837	4.3458	11.092	.36340	.22018	.20562	5.4054	.62621
#2	3.3435	.39910	4.3556	10.960	.36194	.28376	.20685	5.3683	.62378
#3	3.3526	.40060	4.3479	11.078	.36247	.27660	.20967	5.4311	.62231

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.87550	.23686	6.757	.16902	2.6803	.45066			
Stddev	.00588	.00223	.007	.00113	2.1405	4.2695			
%RSD	.67160	.93992	.1044	.66737	79.862	947.39			

#1	.87641	.23940	6.764	.16861	2.1677	-4.4556			
#2	.86922	.23590	6.750	.16816	5.0305	3.3223			
#3	.88088	.23527	6.756	.17030	.84256	2.4852			

Sample Name: K4140-37MS Acquired: 8/5/2019 18:23:44 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 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	2153.7	26310.	1648.7	22.371	2239.6
Stddev	2.4	87.	4.7	.211	1.2
%RSD	.11361	.32883	.28398	.94257	.05370
#1	2151.0	26282.	1643.5	22.543	2238.7
#2	2155.6	26241.	1652.5	22.136	2239.1
#3	2154.7	26407.	1650.0	22.435	2240.9

Sample Name: K4140-37MSD Acquired: 8/5/2019 18:27:59 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS002-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71788	1.8991	1.1098	1.8120	.28527	61.707	.32883	.19212
Stddev	.00102	.0040	.0028	.0074	.00255	.476	.00211	.00034
%RSD	.14267	.21136	.24982	.40944	.89416	.77084	.64186	.17870

#1	.71782	1.8946	1.1128	1.8041	.28308	61.172	.32657	.19244
#2	.71893	1.9007	1.1091	1.8189	.28464	61.866	.32915	.19218
#3	.71688	1.9021	1.1074	1.8130	.28807	62.083	.33076	.19176

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18268	4.5569	.51999	.20128	.47232	63.030	.41292	4.6953
Stddev	.00036	.0442	.00137	.00033	.00050	.147	.00053	.1459
%RSD	.19926	.97099	.26282	.16369	.10578	.23343	.12800	3.1081

#1	.18306	4.5754	.52090	.20108	.47175	63.171	.41320	4.5477
#2	.18233	4.5889	.51842	.20166	.47268	62.877	.41231	4.6988
#3	.18266	4.5064	.52065	.20109	.47252	63.041	.41326	4.8395

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77531	.06761	3.3086	.39290	4.2205	10.869	.35674	.23959
Stddev	.00320	.00038	.0389	.00090	.0077	.104	.00100	.02483
%RSD	.41264	.56310	1.1771	.22998	.18205	.95952	.28113	10.363

#1	.77885	.06760	3.2778	.39323	4.2183	10.766	.35585	.26754
#2	.77264	.06800	3.2958	.39188	4.2291	10.866	.35654	.23115
#3	.77443	.06724	3.3524	.39360	4.2142	10.974	.35783	.22008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19593	5.3277	.61030	.87550	.23088	6.615	.16638	<.00000
Stddev	.00419	.0401	.00094	.00227	.00150	.018	.00069	5.5207
%RSD	2.1392	.75193	.15432	.25908	.65115	.2696	.41497	151.24

#1	.19849	5.3736	.61117	.87290	.22917	6.636	.16584	-9.6439
#2	.19822	5.3094	.61043	.87649	.23200	6.603	.16716	-2.5343
#3	.19110	5.3001	.60930	.87710	.23147	6.607	.16613	1.2270

Sample Name: K4140-37MSD Acquired: 8/5/2019 18:27:59 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-SS002-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3535
 Stddev .8102
 %RSD 59.861

#1 1.5112
 #2 2.0733
 #3 .47603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.8	26509.	1673.5	23.847	2271.0
Stddev	5.1	39.	16.2	.673	4.3
%RSD	.23384	.14706	.96567	2.8216	.18882

#1	2185.9	26466.	1657.6	24.068	2273.0
#2	2175.7	26542.	1673.1	24.381	2266.1
#3	2180.6	26519.	1689.9	23.091	2273.8

Sample Name: CCV06 Acquired: 8/5/2019 18:32:14 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1622	5.1720	5.1508	5.2304	5.1556	10.142	10.350
Stddev	.0067	.0080	.0139	.0050	.0122	.048	.083
%RSD	.13008	.15468	.26963	.09646	.23627	.47795	.80623

#1	5.1626	5.1812	5.1642	5.2246	5.1643	10.120	10.295
#2	5.1553	5.1668	5.1365	5.2337	5.1609	10.109	10.309
#3	5.1687	5.1679	5.1518	5.2330	5.1417	10.198	10.446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26178	2.5370	25.985	1.0174	2.5614	1.2991	5.2343
Stddev	.00017	.0055	.127	.0025	.0064	.0035	.0064
%RSD	.06541	.21557	.48712	.24401	.24993	.26660	.12250

#1	.26190	2.5416	25.880	1.0201	2.5667	1.3030	5.2386
#2	.26159	2.5309	26.125	1.0168	2.5543	1.2978	5.2270
#3	.26185	2.5384	25.948	1.0153	2.5632	1.2964	5.2375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6255	26.269	2.5379	1.2910	25.736	2.5890	2.5308
Stddev	.0040	.225	.0048	.0015	.165	.0077	.0086
%RSD	.15260	.85552	.18970	.11600	.64111	.29698	.34125

#1	2.6292	26.082	2.5433	1.2920	25.677	2.5945	2.5390
#2	2.6212	26.206	2.5341	1.2893	25.609	2.5802	2.5218
#3	2.6261	26.519	2.5363	1.2917	25.922	2.5923	2.5315

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.414	5.1941	5.0501	5.1486	4.9948	5.0966	5.1414
Stddev	.145	.0087	.0439	.0085	.0273	.0156	.0421
%RSD	.57045	.16758	.86865	.16462	.54582	.30585	.81836

#1	25.277	5.1914	5.0075	5.1402	4.9725	5.1096	5.1002
#2	25.400	5.2038	5.0476	5.1484	5.0252	5.0793	5.1843
#3	25.566	5.1871	5.0951	5.1571	4.9868	5.1007	5.1396

Sample Name: CCV06 Acquired: 8/5/2019 18:32:14 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9691	5.295	5.1549	F 41.795	F 7.7393
Stddev	.0411	.018	.0350	.927	3.7773
%RSD	.82746	.3361	.67807	2.2168	48.807

#1	4.9301	5.314	5.1158	42.844	10.197
#2	5.0121	5.279	5.1830	41.090	3.3899
#3	4.9651	5.291	5.1659	41.451	9.6315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.5	24594.	1594.9	23.081	2050.3
Stddev	7.1	10.	13.4	.759	8.4
%RSD	.35355	.04235	.83739	3.2904	.41079

#1	2004.9	24603.	1599.2	23.582	2041.0
#2	2013.7	24597.	1580.0	23.454	2057.4
#3	2019.0	24582.	1605.7	22.207	2052.4

Sample Name: CCB06 Acquired: 8/5/2019 18:36:13 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00018	-.00179	.00371	.00309	-.02896	.00119
Stddev	.00436	.00072	.00118	.00068	.00159	.01698	.00029
%RSD	243.41	390.35	65.759	18.399	51.528	58.637	24.616

#1	.00296	.00064	-.00250	.00307	.00140	-.04671	.00089
#2	-.00272	-.00060	-.00244	.00362	.00456	-.01286	.00123
#3	-.00561	-.00059	-.00043	.00443	.00331	-.02732	.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	.00930	.00030	.00016	-.00031	.00276
Stddev	.00013	.00003	.03623	.00042	.00020	.00020	.00109
%RSD	2102.7	59.320	389.62	138.02	123.72	64.215	39.702

#1	.00015	-.00005	.00173	.00062	.00028	-.00030	.00395
#2	-.00008	-.00003	.04872	.00046	-.00007	-.00052	.00251
#3	-.00008	-.00009	-.02255	-.00017	.00028	-.00012	.00180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.02427	.00030	.00013	.19946	-.00024	.00197
Stddev	.00006	.02995	.00044	.00080	.01068	.00032	.00013
%RSD	147.34	123.37	145.58	638.69	5.3567	135.61	6.5031

#1	-.00000	-.04923	-.00001	.00034	.19185	.00007	.00212
#2	-.00001	.00893	.00011	.00080	.19487	-.00058	.00188
#3	-.00012	-.03252	.00081	-.00076	.21168	-.00020	.00191

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08397	.00076	.00080	.00093	.00232	-.00247	-.00084
Stddev	.03201	.00038	.01166	.00400	.00312	.00087	.00281
%RSD	38.119	49.627	1457.3	429.53	134.72	35.195	333.40

#1	.10230	.00095	.00123	.00552	.00534	-.00154	-.00327
#2	.04701	.00100	-.01107	-.00087	-.00089	-.00262	-.00150
#3	.10259	.00033	.01224	-.00186	.00250	-.00325	.00224

Sample Name: CCB06 Acquired: 8/5/2019 18:36:13 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15318 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00535	-.0025	.00017	F 19.343	F 8.6369
Stddev	.00382	.0016	.00015	6.029	1.0523
%RSD	71.276	64.46	88.884	31.169	12.183

#1	-.00964	-.0034	.00016	19.096	8.5268
#2	-.00234	-.0007	.00033	25.491	9.7399
#3	-.00408	-.0036	.00003	13.441	7.6440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.1	25485.	1603.2	24.358	2245.1
Stddev	3.4	57.	18.6	.858	3.7
%RSD	.16362	.22458	1.1624	3.5218	.16595

#1	2072.2	25508.	1608.8	24.795	2246.9
#2	2068.7	25528.	1618.4	23.370	2240.8
#3	2075.5	25420.	1582.4	24.910	2247.5

Sample Name: K4140-37A Acquired: 8/5/2019 18:40:43 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8450 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	.73509	1.9469	1.1377	1.8648	.28845	63.363	.33645	.19624	.18779
Stddev	.00807	.0048	.0006	.0031	.00278	.447	.00289	.00083	.00020
%RSD	1.0983	.24738	.04914	.16859	.96309	.70523	.85771	.42211	.10574

#1	.72965	1.9417	1.1372	1.8630	.28683	63.764	.33894	.19682	.18767
#2	.74437	1.9479	1.1376	1.8629	.28686	63.444	.33713	.19529	.18802
#3	.73125	1.9512	1.1383	1.8684	.29166	62.881	.33329	.19661	.18768

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7033	.53073	.20663	.48481	64.545	.42280	4.8050	.79643	.06920
Stddev	.0281	.00058	.00040	.00014	.188	.00090	.1051	.00035	.00061
%RSD	.59838	.10968	.19185	.02975	.29131	.21195	2.1865	.04457	.88407

#1	4.6981	.53096	.20661	.48493	64.675	.42199	4.8986	.79674	.06987
#2	4.6781	.53116	.20703	.48465	64.329	.42263	4.6914	.79604	.06908
#3	4.7337	.53007	.20624	.48485	64.631	.42376	4.8251	.79651	.06866

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	3.3422	.40191	4.3215	11.049	.36575	.26738	.19900	5.4947	.62661
Stddev	.0348	.00203	.0145	.061	.00079	.01888	.00144	.0363	.00255
%RSD	1.0412	.50580	.33483	.55194	.21724	7.0628	.72595	.66107	.40648

#1	3.3369	.40367	4.3182	11.087	.36584	.24566	.20054	5.5068	.62728
#2	3.3794	.39968	4.3374	11.080	.36492	.27657	.19767	5.4539	.62876
#3	3.3104	.40236	4.3090	10.978	.36650	.27991	.19879	5.5235	.62380

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.89542	.23899	6.794	.17020	4.1604	.13102			
Stddev	.00839	.00137	.004	.00052	4.0524	1.2074			
%RSD	.93698	.57523	.0591	.30496	97.405	921.54			

#1	.90510	.23888	6.789	.17052	-.41085	1.1914			
#2	.89090	.24042	6.796	.17049	5.5801	.38470			
#3	.89026	.23768	6.797	.16961	7.3120	-1.1831			

Sample Name: K4140-37A Acquired: 8/5/2019 18:40:43 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8450 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	2139.4	26032.	1635.6	23.642	2223.7
Stddev	5.0	66.	15.4	.475	7.0
%RSD	.23597	.25344	.94359	2.0079	.31604
#1	2139.6	25963.	1633.5	23.151	2226.9
#2	2134.2	26039.	1652.0	24.098	2215.6
#3	2144.3	26095.	1621.4	23.677	2228.5

Sample Name: K4140-38 Acquired: 8/5/2019 18:44:59 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS003-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03075	-.02479	.56075	.01745	.00226	65.083	.96804	.00342
Stddev	.00124	.00186	.00185	.00259	.00062	.611	.01384	.00025
%RSD	4.0221	7.5031	.32953	14.816	27.271	.93916	1.4300	7.3195

#1	.02934	-.02297	.56104	.01897	.00293	64.404	.95258	.00352
#2	.03166	-.02471	.55878	.01447	.00214	65.257	.97226	.00361
#3	.03125	-.02669	.56244	.01892	.00172	65.589	.97929	.00314

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	316.86	.63097	.04245	.92161	112.95	2.0780	87.356
Stddev	.00013	3.38	.00506	.00043	.00198	.31	.0035	1.052
%RSD	42.521	1.0667	.80179	1.0037	.21497	.27128	.16881	1.2045

#1	-.00021	313.06	.62717	.04269	.92307	113.25	2.0739	86.218
#2	-.00027	319.55	.63671	.04196	.91935	112.64	2.0803	87.556
#3	-.00047	317.96	.62904	.04270	.92240	112.96	2.0797	88.294

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5936	-.00679	7.2175	.27032	1.8012	8.3798	.00812	.24353
Stddev	.0078	.00055	.1123	.00199	.0032	.1313	.00042	.01461
%RSD	.30183	8.0280	1.5558	.73616	.17679	1.5666	5.2122	5.9974

#1	2.5901	-.00658	7.0922	.26806	1.8012	8.2328	.00808	.25449
#2	2.5882	-.00639	7.2513	.27179	1.7980	8.4212	.00771	.22695
#3	2.6026	-.00741	7.3091	.27111	1.8044	8.4854	.00856	.24915

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0838	7.9440	.02375	1.9306	.06359	3.603	.80114	2.6477
Stddev	.0260	.0309	.00136	.0075	.00286	.004	.00921	3.7381
%RSD	.36700	.38866	5.7262	.39042	4.4963	.1107	1.1495	141.18

#1	7.0992	7.9615	.02482	1.9254	.06378	3.604	.79097	6.7974
#2	7.0537	7.9621	.02222	1.9392	.06635	3.607	.80890	1.6015
#3	7.0983	7.9084	.02420	1.9272	.06064	3.599	.80356	-.45581

Sample Name: K4140-38 Acquired: 8/5/2019 18:44:59 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS003-0 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4120
Stddev 2.0808
%RSD 60.983

#1 3.0365
#2 1.5447
#3 5.6550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.8	25908.	1723.9	22.247	1983.8
Stddev	4.8	92.	8.9	.881	4.1
%RSD	.22295	.35361	.51580	3.9582	.20728

#1	2140.8	25998.	1725.0	23.253	1987.8
#2	2135.3	25913.	1714.6	21.617	1984.0
#3	2131.3	25815.	1732.3	21.871	1979.6

Sample Name: K4140-39 Acquired: 8/5/2019 18:49:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS003-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02119	-.00867	.10897	.01303	.00166	62.142	.24598	.00178
Stddev	.00212	.00181	.00210	.00235	.00244	.427	.00180	.00012
%RSD	10.014	20.846	1.9299	18.041	146.88	.68642	.73250	6.7993

#1	.01934	-.01041	.11100	.01562	-.00020	61.651	.24417	.00165
#2	.02351	-.00879	.10680	.01103	.00442	62.421	.24777	.00179
#3	.02073	-.00680	.10912	.01243	.00075	62.355	.24601	.00189

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	46.093	.17001	.01337	.33201	81.004	.36568	16.277
Stddev	.00003	.251	.00114	.00015	.00076	.124	.00058	.096
%RSD	1.9325	.54559	.67320	1.1217	.22911	.15289	.15779	.59129

#1	-.00166	46.103	.17098	.01320	.33161	81.108	.36579	16.166
#2	-.00170	45.837	.16875	.01344	.33153	81.037	.36619	16.338
#3	-.00172	46.340	.17031	.01347	.33288	80.867	.36506	16.327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54722	-.00302	2.5964	.13251	.53975	2.7494	.00200	.00734
Stddev	.00145	.00094	.0229	.00199	.00100	.0289	.00018	.01697
%RSD	.26420	30.978	.88235	1.5033	.18475	1.0526	9.0652	231.12

#1	.54679	-.00394	2.5707	.13475	.53912	2.7367	.00179	-.01069
#2	.54884	-.00207	2.6148	.13093	.54090	2.7825	.00212	.02300
#3	.54604	-.00305	2.6035	.13185	.53923	2.7289	.00209	.00973

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7106	5.9767	.00609	.45661	.01652	1.450	.07275	<.00000
Stddev	.0037	.0273	.00088	.00470	.00083	.002	.00021	4.4566
%RSD	.21817	.45728	14.427	1.0292	5.0471	.1132	.28677	19.527

#1	1.7140	5.9994	.00518	.45369	.01748	1.449	.07264	-26.885
#2	1.7113	5.9464	.00615	.46203	.01615	1.451	.07299	-18.056
#3	1.7066	5.9842	.00693	.45411	.01594	1.448	.07262	-23.527

Sample Name: K4140-39 Acquired: 8/5/2019 18:49:20 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: P001-SS003-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6648
 Stddev .5747
 %RSD 15.682

#1 4.0915
 #2 3.0113
 #3 3.8915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.3	27389.	1758.0	23.713	2202.4
Stddev	2.3	15.	16.9	1.160	3.3
%RSD	.10230	.05650	.96315	4.8905	.14811

#1	2258.6	27376.	1746.2	22.976	2198.8
#2	2254.0	27406.	1777.4	25.050	2203.0
#3	2256.1	27385.	1750.4	23.113	2205.3

Sample Name: K4140-40 Acquired: 8/5/2019 18:53:47 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04210	-.01329	1.3486	.02317	.00471	84.445	.55778
Stddev	.00471	.00242	.0104	.00281	.00201	.334	.00119
%RSD	11.194	18.191	.77018	12.113	42.643	.39576	.21354

#1	.04670	-.01312	1.3604	.02495	.00286	84.471	.55907
#2	.03729	-.01096	1.3408	.02462	.00685	84.766	.55755
#3	.04232	-.01579	1.3447	.01993	.00443	84.099	.55673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	.00024	29.145	.32278	.02574	.49687	122.70
Stddev	.00020	.00009	.168	.00088	.00029	.00511	.63
%RSD	6.1046	38.754	.57704	.27172	1.1219	1.0276	.51132

#1	.00314	.00035	29.207	.32204	.02579	.50275	122.15
#2	.00323	.00018	29.273	.32255	.02544	.49436	123.38
#3	.00352	.00020	28.955	.32375	.02601	.49350	122.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5052	7.9297	.46081	-.00587	3.0469	.24243	1.8522
Stddev	.0026	.0877	.00519	.00085	.0209	.00148	.0197
%RSD	.16910	1.1055	1.1267	14.537	.68523	.60946	1.0656

#1	1.5081	7.8861	.46670	-.00582	3.0285	.24409	1.8749
#2	1.5039	8.0307	.45689	-.00505	3.0425	.24126	1.8428
#3	1.5035	7.8725	.45883	-.00676	3.0696	.24194	1.8390

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8505	.00579	.02265	4.6623	8.0256	.03152	.67229
Stddev	.0525	.00072	.01331	.0493	.0214	.00087	.00580
%RSD	1.8430	12.377	58.779	1.0584	.26645	2.7732	.86310

#1	2.8639	.00660	.03632	4.7192	8.0253	.03248	.66723
#2	2.8950	.00554	.02188	4.6356	8.0472	.03076	.67100
#3	2.7925	.00523	.00973	4.6320	8.0044	.03132	.67862

Sample Name: K4140-40 Acquired: 8/5/2019 18:53:47 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS04-00 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04503	4.935	.01994	<.00000	F<.00000
Stddev	.00077	.054	.00018	3.3367	4.7726
%RSD	1.7080	1.100	.92763	13.794	399.03

#1	.04590	4.998	.02008	-21.435	-3.5948
#2	.04474	4.906	.02001	-27.900	-4.2934
#3	.04444	4.902	.01973	-23.236	4.3001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.7	27282.	1752.2	22.478	2182.2
Stddev	21.0	59.	12.9	.580	22.4
%RSD	.94134	.21796	.73463	2.5803	1.0273

#1	2201.7	27240.	1747.0	23.062	2156.4
#2	2234.7	27256.	1742.8	21.902	2192.8
#3	2240.5	27350.	1766.9	22.471	2197.3

Sample Name: K4141-01 Acquired: 8/5/2019 18:58:07 Type: Unk
Method: P4-ICP2(v3319) 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	.03771	-.00905	1.1843	.01456	.00315	79.413	.55736	.00374
Stddev	.00564	.00100	.0021	.00255	.00100	.510	.00317	.00022
%RSD	14.955	11.054	.17520	17.492	31.790	.64215	.56958	5.8865

#1	.04363	-.00794	1.1819	.01749	.00284	78.949	.55619	.00351
#2	.03710	-.00931	1.1854	.01319	.00426	79.331	.55495	.00394
#3	.03240	-.00989	1.1855	.01299	.00234	79.959	.56096	.00378

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	38.281	.20967	.01346	.35433	95.028	.79098	13.002
Stddev	.00007	.296	.00095	.00035	.00069	.638	.00193	.086
%RSD	16.487	.77444	.45247	2.5950	.19396	.67168	.24342	.65813

#1	.00040	38.149	.20864	.01322	.35508	95.356	.79057	12.942
#2	.00040	38.621	.20987	.01386	.35373	94.293	.79308	12.964
#3	.00053	38.074	.21051	.01329	.35416	95.436	.78929	13.100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33443	-.00404	1.5779	.19550	1.4977	1.6082	.00362	.02440
Stddev	.00059	.00096	.0238	.00194	.0042	.0233	.00014	.01009
%RSD	.17563	23.679	1.5089	.99168	.28218	1.4502	3.7738	41.337

#1	.33504	-.00396	1.5565	.19364	1.4957	1.6134	.00346	.03471
#2	.33387	-.00313	1.5738	.19751	1.4948	1.6285	.00369	.02392
#3	.33438	-.00504	1.6035	.19535	1.5025	1.5827	.00370	.01456

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1820	6.7072	.02020	.49430	.03711	2.568	.04748	<.00000
Stddev	.0125	.0146	.00049	.00081	.00181	.004	.00170	5.4740
%RSD	.57229	.21751	2.4011	.16340	4.8876	.1639	3.5712	33.754

#1	2.1768	6.7197	.02054	.49342	.03503	2.565	.04596	-16.377
#2	2.1962	6.6912	.01965	.49447	.03838	2.573	.04931	-10.665
#3	2.1729	6.7108	.02041	.49501	.03793	2.566	.04716	-21.609

Sample Name: K4141-01 Acquired: 8/5/2019 18:58:07 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4809
Stddev .4600
%RSD 18.541

#1 1.9639
#2 2.8447
#3 2.6342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.3	26747.	1711.4	23.305	2190.5
Stddev	3.7	132.	5.4	.312	2.2
%RSD	.16713	.49291	.31391	1.3398	.10123

#1	2201.9	26766.	1712.0	22.986	2192.0
#2	2209.2	26868.	1705.7	23.317	2191.5
#3	2205.0	26607.	1716.4	23.611	2187.9

Sample Name: K4141-02 Acquired: 8/5/2019 19:02:29 Type: Unk
Method: P4-ICP2(v3319) 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	.03681	-.01665	1.2472	.04760	.00200	35.687	.46279
Stddev	.00451	.00078	.0050	.00540	.00198	.271	.00352
%RSD	12.252	4.7096	.40344	11.342	98.969	.75909	.75994

#1	.04138	-.01734	1.2525	.04141	.00405	35.376	.45882
#2	.03671	-.01680	1.2466	.05005	.00009	35.873	.46550
#3	.03236	-.01580	1.2425	.05135	.00187	35.811	.46406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00906	.02594	51.178	F 7.3183	.04966	11.124	398.84
Stddev	.00041	.00043	.189	.0164	.00010	.033	2.57
%RSD	4.4808	1.6678	.36871	.22448	.20786	.29987	.64519

#1	.00903	.02635	51.017	7.3015	.04973	11.162	397.38
#2	.00949	.02549	51.131	7.3190	.04971	11.109	401.81
#3	.00868	.02598	51.385	7.3343	.04954	11.100	397.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7920	25.973	20.650	-.01848	3.4827	.14512	12.677
Stddev	.0067	.166	.086	.00021	.0501	.00134	.054
%RSD	.37610	.63806	.41659	1.1147	1.4394	.92216	.42656

#1	1.7842	25.789	20.738	-.01872	3.4508	.14415	12.735
#2	1.7955	26.109	20.647	-.01834	3.5405	.14665	12.668
#3	1.7962	26.021	20.566	-.01840	3.4569	.14457	12.628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1888	.03496	.20731	4.6885	F 22.159	.10482	.60617
Stddev	.0706	.00068	.02282	.0085	.138	.00026	.00618
%RSD	3.2243	1.9339	11.010	.18164	.62144	.24481	1.0195

#1	2.1603	.03550	.18095	4.6936	22.073	.10453	.60018
#2	2.1370	.03420	.22043	4.6787	22.318	.10492	.61253
#3	2.2692	.03517	.22053	4.6933	22.087	.10501	.60581

Sample Name: K4141-02 Acquired: 8/5/2019 19:02:29 Type: Unk
 Method: P4-ICP2(v3319) 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	.01715	3.892	-.30904	<.00000	F<.00000
Stddev	.00225	.009	.00281	8.3732	2.7972
%RSD	13.138	.2213	.91026	17.009	6.7577

#1	.01495	3.893	-.30804	-56.442	-44.564
#2	.01945	3.883	-.31222	-51.197	-39.276
#3	.01707	3.900	-.30686	-40.046	-40.340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.0	25567.	1647.3	22.402	2043.8
Stddev	9.3	55.	5.6	.417	10.4
%RSD	.44546	.21672	.33944	1.8629	.50749

#1	2083.3	25579.	1640.9	21.920	2035.6
#2	2086.0	25507.	1650.9	22.655	2040.5
#3	2100.6	25616.	1650.1	22.630	2055.5

Sample Name: K4141-03 Acquired: 8/5/2019 19:06:48 Type: Unk
Method: P4-ICP2(v3319) 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	.08702	-.01725	.61040	.04954	-.02040	82.074	1.0979
Stddev	.00601	.00079	.00290	.00402	.00339	.378	.0036
%RSD	6.9072	4.5799	.47533	8.1047	16.628	.46109	.32845

#1	.09344	-.01662	.61306	.04607	-.02044	82.176	1.1000
#2	.08609	-.01699	.60731	.04862	-.01698	81.655	1.0938
#3	.08153	-.01813	.61084	.05394	-.02376	82.391	1.1000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	-.00309	30.050	F 2.0545	.15556	5.7978	294.23
Stddev	.00011	.00028	.061	.0045	.00023	.0264	1.12
%RSD	1.7305	8.9831	.20223	.22052	.14481	.45612	.38166

#1	.00621	-.00341	30.049	2.0563	.15567	5.8034	295.41
#2	.00600	-.00292	29.990	2.0493	.15530	5.7690	294.10
#3	.00613	-.00295	30.111	2.0577	.15571	5.8210	293.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5137	4.2495	49.223	-.01708	.97521	.18113	F 36.155
Stddev	.0038	.0609	.233	.00082	.01581	.00058	.177
%RSD	.25155	1.4327	.47235	4.8027	1.6214	.32108	.48876

#1	1.5122	4.2624	49.410	-.01720	.98648	.18051	36.296
#2	1.5110	4.3029	48.962	-.01621	.95713	.18166	35.957
#3	1.5181	4.1832	49.296	-.01784	.98201	.18123	36.212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3611	.00604	.16409	F 21.049	F 16.575	.11383	.55671
Stddev	.0493	.00032	.02648	.061	.041	.00191	.00735
%RSD	1.4662	5.2584	16.138	.28751	.24905	1.6804	1.3211

#1	3.4099	.00588	.18542	21.118	16.606	.11604	.55027
#2	3.3620	.00641	.17239	21.026	16.592	.11272	.55514
#3	3.3113	.00584	.13445	21.004	16.528	.11274	.56472

Sample Name: K4141-03 Acquired: 8/5/2019 19:06:48 Type: Unk
Method: P4-ICP2(v3319) 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	.02569	F 10.14	-.15351	<.00000	F<.00000
Stddev	.00128	.05	.00113	2.2924	1.5737
%RSD	5.0005	.4609	.73633	6.5783	7.4048
#1	.02424	10.18	-.15449	-33.616	-19.866
#2	.02668	10.09	-.15378	-37.494	-20.930
#3	.02615	10.13	-.15227	-33.436	-22.963
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.1	26577.	1733.3	23.230	2073.1
Stddev	11.3	94.	6.1	.690	9.1
%RSD	.51602	.35241	.35205	2.9711	.44045
#1	2178.8	26471.	1727.8	22.639	2066.4
#2	2194.6	26611.	1732.1	23.062	2083.5
#3	2172.9	26648.	1739.9	23.988	2069.4

Sample Name: K4141-04 Acquired: 8/5/2019 19:11:06 Type: Unk
Method: P4-ICP2(v3319) 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	.09243	-.08192	5.2311	.00733	-.04091	50.403	2.5371
Stddev	.00507	.00219	.0168	.01177	.00163	.113	.0114
%RSD	5.4876	2.6793	.32187	160.64	3.9911	.22512	.45072

#1	.09774	-.08042	5.2165	-.00003	-.04257	50.290	2.5283
#2	.09192	-.08444	5.2273	.00110	-.03931	50.403	2.5500
#3	.08763	-.08089	5.2495	.02090	-.04086	50.517	2.5330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04117	.04627	286.31	F 24.558	.18145	45.012	823.05
Stddev	.00106	.00133	1.64	.011	.00115	.142	4.61
%RSD	2.5693	2.8766	.57209	.04510	.63147	.31517	.56008

#1	.04230	.04494	288.17	24.570	.18074	44.869	827.89
#2	.04101	.04627	285.10	24.548	.18085	45.152	822.55
#3	.04020	.04760	285.65	24.554	.18277	45.016	818.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0374	151.28	F 136.79	-.10996	3.4511	.18144	F 35.917
Stddev	.0275	.93	.22	.00089	.0521	.00072	.039
%RSD	.34169	.61745	.16144	.80840	1.5089	.39584	.10944

#1	8.0677	150.32	136.54	-.10964	3.4046	.18064	35.881
#2	8.0141	152.19	136.95	-.10927	3.5074	.18202	35.912
#3	8.0304	151.34	136.88	-.11096	3.4414	.18166	35.959

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5566	.15516	.85200	F 24.069	F 43.444	.32895	1.1118
Stddev	.0823	.00061	.01949	.042	.250	.00215	.0110
%RSD	1.8064	.39558	2.2873	.17290	.57522	.65240	.98666

#1	4.5105	.15586	.85332	24.081	43.702	.32930	1.1176
#2	4.5077	.15489	.87080	24.023	43.426	.33090	1.1186
#3	4.6516	.15473	.83189	24.104	43.203	.32665	1.0991

Sample Name: K4141-04 Acquired: 8/5/2019 19:11:06 Type: Unk
 Method: P4-ICP2(v3319) 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	.03826	F 11.82	-.24367	<.00000	F<.00000
Stddev	.00093	.04	.00359	4.7469	2.7181
%RSD	2.4386	.3574	1.4742	3.9032	.71211

#1	.03884	11.80	-.24523	-126.82	-378.62
#2	.03718	11.80	-.24621	-117.52	-383.77
#3	.03876	11.87	-.23956	-120.50	-382.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.7	23973.	1629.3	20.966	1660.4
Stddev	3.7	72.	16.2	.490	2.1
%RSD	.19392	.30031	.99178	2.3379	.12859

#1	1924.4	23920.	1611.5	20.957	1662.4
#2	1917.0	23944.	1643.0	20.480	1660.6
#3	1920.8	24055.	1633.5	21.461	1658.1

Sample Name: K4141-05 Acquired: 8/5/2019 19:15:29 Type: Unk
Method: P4-ICP2(v3319) 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	.04858	-.03145	3.9075	.04470	-.03824	62.705	1.8095
Stddev	.00689	.00202	.0230	.00409	.00049	.272	.0111
%RSD	14.174	6.4131	.58752	9.1505	1.2905	.43396	.61135

#1	.05648	-.03371	3.9338	.04940	-.03799	62.420	1.7970
#2	.04385	-.02983	3.8972	.04269	-.03793	62.732	1.8135
#3	.04542	-.03082	3.8915	.04200	-.03881	62.962	1.8180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01004	.00923	78.737	F 31.584	.12677	28.893	416.26
Stddev	.00034	.00020	.662	.052	.00095	.034	1.60
%RSD	3.3756	2.1801	.84132	.16485	.75120	.11659	.38318

#1	.01025	.00916	79.501	31.525	.12569	28.895	415.15
#2	.00965	.00945	78.316	31.605	.12749	28.925	415.53
#3	.01022	.00907	78.394	31.623	.12713	28.858	418.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0267	31.400	F 79.812	-.02523	1.5682	.19402	F 49.195
Stddev	.0033	.351	.201	.00127	.0105	.00016	.110
%RSD	.10903	1.1166	.25221	5.0314	.67134	.08458	.22435

#1	3.0231	31.140	79.700	-.02526	1.5619	.19409	49.310
#2	3.0275	31.262	80.044	-.02648	1.5623	.19413	49.090
#3	3.0295	31.799	79.691	-.02395	1.5803	.19383	49.187

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0257	.03376	.38544	9.1894	F 23.044	.28349	.89406
Stddev	.0383	.00014	.03404	.0321	.070	.00191	.00376
%RSD	1.2649	.42210	8.8314	.34918	.30252	.67247	.42102

#1	3.0103	.03367	.35325	9.1690	23.004	.28381	.89837
#2	2.9975	.03392	.38200	9.2264	23.003	.28144	.89143
#3	3.0692	.03368	.42107	9.1728	23.124	.28522	.89238

Sample Name: K4141-05 Acquired: 8/5/2019 19:15:29 Type: Unk
Method: P4-ICP2(v3319) 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	.02454	7.985	-.10547	<.00000	F<.00000
Stddev	.00163	.005	.00049	3.4183	5.1822
%RSD	6.6377	.0593	.46772	6.4438	10.434

#1	.02306	7.983	-.10498	-52.806	-44.520
#2	.02628	7.990	-.10596	-49.758	-49.598
#3	.02429	7.982	-.10546	-56.581	-54.883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.6	25965.	1708.6	22.436	1963.4
Stddev	3.2	46.	19.6	.452	.7
%RSD	.15758	.17645	1.1465	2.0124	.03346

#1	2050.0	26014.	1686.2	22.242	1963.2
#2	2056.3	25923.	1716.9	22.952	1964.2
#3	2054.4	25960.	1722.7	22.115	1962.9

Sample Name: K4141-06 Acquired: 8/5/2019 19:19:55 Type: Unk
Method: P4-ICP2(v3319) 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	.05834	-.01700	.06420	.03470	.00368	97.224	.37610
Stddev	.00295	.00132	.00219	.00251	.00103	1.206	.00528
%RSD	5.0580	7.7863	3.4040	7.2362	27.901	1.2405	1.4025

#1	.05494	-.01790	.06630	.03632	.00258	95.937	.37019
#2	.05998	-.01761	.06193	.03181	.00461	97.407	.37781
#3	.06011	-.01548	.06437	.03597	.00385	98.328	.38032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	-.00525	58.551	.22564	.01619	1.7057	238.59
Stddev	.00009	.00039	.279	.00157	.00006	.0036	4.11
%RSD	1.7438	7.3377	.47710	.69446	.37244	.20803	1.7214

#1	.00514	-.00482	58.528	.22682	.01624	1.7033	233.86
#2	.00515	-.00539	58.284	.22623	.01612	1.7098	240.63
#3	.00530	-.00555	58.842	.22386	.01620	1.7039	241.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41154	36.050	7.7128	-.01313	.24021	.29841	.89464
Stddev	.00222	.346	.0233	.00061	.00540	.00213	.00176
%RSD	.54049	.95983	.30174	4.6778	2.2464	.71377	.19682

#1	.40905	35.685	7.6965	-.01382	.23552	.29641	.89502
#2	.41222	36.374	7.7395	-.01291	.23900	.29815	.89619
#3	.41334	36.091	7.7025	-.01265	.24610	.30065	.89273

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8446	.00553	.01070	.68376	F 14.518	.01447	.69208
Stddev	.0881	.00044	.02202	.00612	.168	.00052	.00783
%RSD	4.7733	7.9547	205.84	.89488	1.1566	3.6099	1.1318

#1	1.7559	.00571	.02051	.68931	14.326	.01497	.69650
#2	1.8460	.00586	-.01452	.67720	14.595	.01393	.68304
#3	1.9320	.00503	.02611	.68478	14.635	.01451	.69671

Sample Name: K4141-06 Acquired: 8/5/2019 19:19:55 Type: Unk
Method: P4-ICP2(v3319) 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	.02571	2.386	-.23808	<.00000	F<.00000
Stddev	.00288	.002	.00441	2.5132	2.9177
%RSD	11.215	.0790	1.8533	8.7829	17.239

#1	.02637	2.386	-.23301	-29.631	-14.028
#2	.02821	2.385	-.24023	-25.753	-16.881
#3	.02256	2.388	-.24101	-30.461	-19.863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.2	26416.	1702.0	23.145	2092.6
Stddev	5.2	145.	9.7	1.577	5.0
%RSD	.23857	.54727	.57204	6.8119	.23992

#1	2177.3	26579.	1692.2	22.859	2096.5
#2	2167.4	26367.	1711.7	21.731	2087.0
#3	2175.0	26302.	1702.2	24.845	2094.5

Sample Name: CCV07 Acquired: 8/5/2019 19:24:19 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1576	5.1542	5.1478	5.2215	5.1500	10.194	10.365
Stddev	.0072	.0113	.0130	.0041	.0055	.107	.075
%RSD	.13981	.21939	.25293	.07869	.10641	1.0482	.72131

#1	5.1610	5.1550	5.1436	5.2170	5.1491	10.071	10.287
#2	5.1625	5.1426	5.1373	5.2224	5.1450	10.250	10.437
#3	5.1493	5.1651	5.1623	5.2250	5.1559	10.261	10.370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26116	2.5458	26.012	1.0201	2.5601	1.2980	5.2550
Stddev	.00069	.0052	.030	.0011	.0055	.0019	.0061
%RSD	.26494	.20356	.11596	.10758	.21361	.14667	.11655

#1	.26154	2.5406	25.978	1.0203	2.5570	1.2995	5.2524
#2	.26159	2.5458	26.034	1.0212	2.5569	1.2959	5.2620
#3	.26036	2.5510	26.025	1.0190	2.5664	1.2985	5.2506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6121	26.019	2.5492	1.2882	25.690	2.5869	2.5218
Stddev	.0076	.288	.0078	.0023	.203	.0080	.0052
%RSD	.29279	1.1081	.30729	.17969	.79127	.30763	.20557

#1	2.6134	25.697	2.5482	1.2864	25.475	2.5902	2.5217
#2	2.6191	26.104	2.5420	1.2908	25.879	2.5927	2.5166
#3	2.6039	26.255	2.5575	1.2873	25.716	2.5779	2.5270

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.346	5.1813	5.0136	5.1409	5.0775	5.0839	5.1380
Stddev	.368	.0117	.0505	.0131	.0041	.0170	.0344
%RSD	1.4502	.22617	1.0073	.25553	.08073	.33436	.66906

#1	24.922	5.1764	4.9815	5.1454	5.0818	5.0704	5.0983
#2	25.561	5.1728	5.0718	5.1261	5.0737	5.0783	5.1580
#3	25.557	5.1947	4.9874	5.1512	5.0770	5.1030	5.1577

Sample Name: CCV07 Acquired: 8/5/2019 19:24:19 Type: Unk
Method: P4-ICP2(v3319) 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	5.0109	5.297	5.1823	F 33.997	F 6.2093
Stddev	.0381	.006	.0205	3.946	1.3891
%RSD	.75932	.1217	.39557	11.606	22.371

#1	4.9713	5.297	5.1743	38.468	4.6302
#2	5.0472	5.304	5.2056	32.523	7.2425
#3	5.0141	5.291	5.1670	31.001	6.7552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.6	24579.	1587.4	22.299	2053.5
Stddev	3.0	29.	8.1	1.236	1.2
%RSD	.15031	.11615	.50866	5.5418	.06087

#1	2018.7	24582.	1578.7	23.067	2052.6
#2	2021.3	24549.	1589.0	20.873	2052.9
#3	2024.7	24606.	1594.6	22.956	2054.9

Sample Name: CCB07 Acquired: 8/5/2019 19:28:17 Type: Unk
Method: P4-ICP2(v3319) 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	.00094	-.00067	-.00317	.00119	.00173	-.02125	.00091
Stddev	.00208	.00050	.00066	.00209	.00150	.01107	.00040
%RSD	220.78	74.237	20.798	175.36	86.522	52.115	43.568

#1	.00310	-.00085	-.00287	.00111	.00325	-.01888	.00105
#2	-.00105	-.00105	-.00272	.00332	.00025	-.01155	.00047
#3	.00077	-.00011	-.00393	-.00085	.00170	-.03331	.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00004	.02057	.00030	-.00001	-.00070	.00168
Stddev	.00004	.00011	.01873	.00043	.00013	.00026	.00094
%RSD	113.77	269.98	91.063	144.98	1293.1	36.413	55.750

#1	-.00001	-.00015	.04164	.00075	.00012	-.00077	.00229
#2	.00004	-.00004	.01423	-.00011	.00000	-.00092	.00215
#3	.00006	.00007	.00583	.00025	-.00015	-.00042	.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00883	.00058	.00019	.07768	-.00063	.00589
Stddev	.00002	.05068	.00045	.00018	.01782	.00055	.00039
%RSD	53.965	573.89	77.342	91.518	22.941	87.264	6.6777

#1	-.00004	.01833	.00036	.00032	.09743	-.00004	.00623
#2	-.00007	.02248	.00028	.00026	.06280	-.00072	.00598
#3	-.00002	-.06730	.00110	-.00001	.07281	-.00112	.00546

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02944	.00045	-.01225	.00494	.00090	-.00166	.00116
Stddev	.04529	.00012	.01830	.00719	.00260	.00051	.00239
%RSD	153.85	25.783	149.39	145.43	287.15	30.971	205.92

#1	-.02941	.00059	-.02738	.00944	.00386	-.00172	-.00120
#2	.01584	.00038	-.01745	-.00335	-.00103	-.00112	.00359
#3	-.07474	.00039	.00809	.00874	-.00011	-.00214	.00109

Sample Name: CCB07 Acquired: 8/5/2019 19:28:17 Type: Unk
Method: P4-ICP2(v3319) 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	-.00252	-.0004	.00016	F 5.7288	F 5.2611
Stddev	.00242	.0015	.00017	2.5419	2.5768
%RSD	95.766	339.4	108.11	44.370	48.978

#1	-.00529	-.0022	.00035	8.6570	3.8063
#2	-.00083	.0004	.00001	4.0905	8.2363
#3	-.00145	.0005	.00013	4.4389	3.7408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.7	25349.	1576.7	22.383	2258.9
Stddev	9.3	38.	6.7	1.757	10.5
%RSD	.44745	.14879	.42613	7.8483	.46498

#1	2077.8	25387.	1571.3	24.305	2251.7
#2	2075.0	25349.	1574.5	21.985	2254.1
#3	2092.3	25312.	1584.2	20.860	2271.0

Sample Name: K4141-07 Acquired: 8/5/2019 19:32:46 Type: Unk
Method: P4-ICP2(v3319) 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	.02158	-.00922	.42090	.01665	.00340	35.738	.29542	.00128
Stddev	.00218	.00301	.00113	.00542	.00129	.350	.00256	.00012
%RSD	10.121	32.610	.26829	32.531	37.963	.98055	.86584	9.3360

#1	.02404	-.01253	.42101	.01177	.00316	35.536	.29358	.00141
#2	.02081	-.00666	.42197	.02248	.00480	35.535	.29434	.00118
#3	.01988	-.00846	.41972	.01570	.00225	36.143	.29834	.00125

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	5.3738	1.7299	.01773	2.9842	82.587	.31836	3.1361
Stddev	.00012	.0454	.0026	.00042	.0080	.765	.00034	.0660
%RSD	18.456	.84535	.15058	2.3538	.26716	.92629	.10826	2.1034

#1	-.00080	5.3302	1.7328	.01725	2.9929	82.901	.31796	3.2069
#2	-.00065	5.3703	1.7278	.01790	2.9772	81.715	.31859	3.0764
#3	-.00056	5.4209	1.7290	.01804	2.9825	83.145	.31852	3.1250

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2556	-.00059	.18459	.10473	7.9123	.62636	.00230	.00250
Stddev	.0074	.00054	.01532	.00034	.0202	.05431	.00003	.00799
%RSD	.32618	91.316	8.2975	.32917	.25471	8.6703	1.3990	319.38

#1	2.2551	-.00080	.18736	.10513	7.9092	.62217	.00231	-.00626
#2	2.2486	-.00098	.19834	.10455	7.8939	.57426	.00233	.00939
#3	2.2632	.00002	.16808	.10452	7.9339	.68264	.00227	.00437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39130	5.9808	.04769	.40751	.00838	2.058	-.08250	<.00000
Stddev	.00184	.0587	.00054	.00653	.00348	.007	.00118	2.3145
%RSD	.47049	.98225	1.1227	1.6030	41.492	.3362	1.4360	8.7998

#1	.38952	6.0227	.04813	.40995	.01102	2.061	-.08295	-25.513
#2	.39320	5.9137	.04785	.41248	.00967	2.051	-.08115	-28.908
#3	.39119	6.0061	.04709	.40011	.00444	2.064	-.08339	-24.486

Sample Name: K4141-07 Acquired: 8/5/2019 19:32:46 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7722
Stddev	4.5914
%RSD	121.72

#1	5.3924
#2	-1.4096
#3	7.3338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.3	27099.	1707.0	23.547	2245.0
Stddev	4.1	150.	15.1	1.221	2.0
%RSD	.18632	.55257	.88484	5.1850	.09110

#1	2209.5	26951.	1689.7	22.165	2245.6
#2	2212.7	27251.	1717.9	24.480	2246.6
#3	2217.7	27096.	1713.2	23.995	2242.7

Sample Name: K4141-08 Acquired: 8/5/2019 19:37:13 Type: Unk
Method: P4-ICP2(v3319) 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	.01907	-.00486	.52248	.01024	.00453	17.086	.08336	.00020
Stddev	.00361	.00094	.00122	.00461	.00164	.113	.00082	.00009
%RSD	18.933	19.264	.23388	45.034	36.262	.65911	.98359	44.604

#1	.01749	-.00402	.52336	.01295	.00613	16.958	.08417	.00010
#2	.02320	-.00469	.52299	.00491	.00460	17.130	.08253	.00026
#3	.01652	-.00587	.52108	.01285	.00285	17.170	.08338	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	.89180	.25763	.00489	6.3757	46.260	.25322	.53738
Stddev	.00003	.01792	.00320	.00016	.0207	.026	.00047	.05584
%RSD	2.2972	2.0096	1.2416	3.1739	.32480	.05519	.18750	10.391

#1	-.00143	.90188	.25408	.00471	6.3618	46.233	.25281	.54226
#2	-.00150	.87111	.25851	.00500	6.3657	46.265	.25310	.59062
#3	-.00148	.90241	.26030	.00496	6.3995	46.283	.25374	.47927

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22113	.00166	.13358	.08845	1.1370	.57720	.02103	-.00608
Stddev	.00068	.00069	.00994	.00086	.0025	.07804	.00031	.02327
%RSD	.30929	41.536	7.4379	.96933	.21694	13.521	1.4938	382.46

#1	.22041	.00245	.12311	.08760	1.1356	.63214	.02074	-.00207
#2	.22177	.00119	.13476	.08843	1.1354	.48787	.02136	-.03110
#3	.22121	.00134	.14288	.08931	1.1398	.61160	.02098	.01492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78016	3.5856	.19260	.36089	-.00120	1.498	-.04265	<.00000
Stddev	.00875	.0240	.00128	.00333	.00288	.004	.00014	1.5188
%RSD	1.1210	.66847	.66228	.92207	240.44	.2803	.32161	13.082

#1	.79023	3.5953	.19114	.35762	-.00244	1.500	-.04271	-12.339
#2	.77449	3.5583	.19350	.36428	.00209	1.494	-.04249	-9.8639
#3	.77576	3.6031	.19316	.36077	-.00324	1.501	-.04275	-12.627

Sample Name: K4141-08 Acquired: 8/5/2019 19:37:13 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3694
Stddev	3.4212
%RSD	101.54

#1	1.4475
#2	1.3414
#3	7.3194

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.8	26531.	1673.9	23.953	2304.4
Stddev	6.6	36.	11.4	.506	6.4
%RSD	.30292	.13597	.68318	2.1141	.27989

#1	2163.6	26520.	1665.9	24.280	2304.1
#2	2168.9	26502.	1668.9	23.370	2311.0
#3	2155.8	26571.	1687.0	24.210	2298.1

Sample Name: K4141-09 Acquired: 8/5/2019 19:41:32 Type: Unk
Method: P4-ICP2(v3319) 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	.01167	-.00557	.15754	.01087	.00027	42.942	.12934	.00078
Stddev	.00479	.00069	.00192	.00428	.00155	.191	.00084	.00017
%RSD	41.017	12.369	1.2158	39.344	574.68	.44395	.64672	21.666

#1	.00889	-.00526	.15730	.01574	-.00138	42.790	.12896	.00068
#2	.01720	-.00509	.15575	.00774	.00048	42.881	.12877	.00069
#3	.00893	-.00636	.15956	.00912	.00171	43.156	.13030	.00098

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	.70697	.14986	.00526	1.5067	49.772	.16846	1.3608
Stddev	.00012	.02793	.00031	.00053	.0053	.122	.00086	.0696
%RSD	6.3922	3.9502	.20424	10.108	.35324	.24486	.50950	5.1161

#1	-.00197	.68265	.14951	.00474	1.5005	49.817	.16841	1.3223
#2	-.00193	.70079	.14999	.00523	1.5097	49.634	.16762	1.3189
#3	-.00174	.73747	.15007	.00580	1.5098	49.864	.16934	1.4411

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09234	-.00107	.14110	.07934	.75779	.48470	.00851	.00624
Stddev	.00081	.00066	.00758	.00081	.00220	.06888	.00025	.00613
%RSD	.87536	61.355	5.3707	1.0190	.29017	14.211	2.9438	98.197

#1	.09276	-.00044	.13258	.08027	.75595	.40682	.00850	.00051
#2	.09286	-.00175	.14361	.07891	.76022	.53763	.00826	.01271
#3	.09141	-.00102	.14710	.07882	.75719	.50965	.00876	.00552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49326	4.0281	.05722	.34775	.01676	1.008	-.04596	<.00000
Stddev	.00052	.0041	.00123	.00580	.00048	.001	.00002	4.1508
%RSD	.10525	.10216	2.1515	1.6678	2.8934	.1067	.04324	40.696

#1	.49299	4.0324	.05723	.34767	.01669	1.007	-.04596	-7.1167
#2	.49386	4.0242	.05598	.34199	.01728	1.007	-.04593	-8.5625
#3	.49293	4.0278	.05845	.35359	.01631	1.009	-.04597	-14.919

Sample Name: K4141-09 Acquired: 8/5/2019 19:41:32 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7985
 Stddev 1.0298
 %RSD 27.110

#1 2.6852
 #2 3.9932
 #3 4.7170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.0	26287.	1660.3	24.575	2278.9
Stddev	3.8	182.	6.3	1.541	5.8
%RSD	.17747	.69293	.38234	6.2697	.25602

#1	2157.1	26186.	1653.0	24.365	2282.6
#2	2149.6	26497.	1663.0	23.150	2272.2
#3	2152.1	26178.	1664.9	26.210	2281.9

Sample Name: K4141-10 Acquired: 8/5/2019 19:45:52 Type: Unk
Method: P4-ICP2(v3319) 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	.05702	-.01520	.15899	.03433	.00843	105.22	.24629
Stddev	.00154	.00183	.00140	.00394	.00117	1.10	.00393
%RSD	2.6965	12.012	.88271	11.476	13.885	1.0418	1.5940

#1	.05825	-.01730	.15779	.03011	.00945	103.96	.24176
#2	.05752	-.01413	.16054	.03497	.00869	105.73	.24838
#3	.05530	-.01415	.15865	.03791	.00715	105.97	.24872

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	-.00611	.55369	.35788	.02490	2.6558	257.73
Stddev	.00015	.00017	.01476	.00189	.00041	.0070	1.48
%RSD	2.5541	2.7427	2.6652	.52809	1.6359	.26427	.57495

#1	.00564	-.00609	.56644	.35667	.02490	2.6609	256.68
#2	.00584	-.00596	.55711	.36006	.02531	2.6587	257.07
#3	.00556	-.00629	.53753	.35691	.02450	2.6478	259.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32770	2.8194	.33225	-.01387	.15386	.31965	2.9350
Stddev	.00051	.0607	.00060	.00022	.01003	.00134	.0046
%RSD	.15621	2.1517	.18194	1.5724	6.5203	.41814	.15678

#1	.32733	2.8130	.33286	-.01410	.15813	.31933	2.9387
#2	.32829	2.8829	.33165	-.01366	.16105	.31850	2.9364
#3	.32749	2.7621	.33223	-.01386	.14240	.32112	2.9298

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8354	.02549	.00058	.75564	F 15.468	.07229	.66585
Stddev	.0357	.00038	.02688	.00784	.074	.00085	.00358
%RSD	1.9456	1.4720	4671.4	1.0378	.47693	1.1733	.53691

#1	1.8266	.02588	.02054	.74659	15.450	.07290	.66213
#2	1.8747	.02513	.01118	.75993	15.405	.07132	.66616
#3	1.8049	.02546	-.02999	.76040	15.549	.07264	.66926

Sample Name: K4141-10 Acquired: 8/5/2019 19:45:52 Type: Unk
Method: P4-ICP2(v3319) 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	.03150	2.632	-.26360	<.00000	F<.00000
Stddev	.00120	.007	.00171	2.2981	3.6884
%RSD	3.8193	.2868	.64983	5.0491	17.836

#1	.03254	2.631	-.26246	-47.281	-23.349
#2	.03177	2.640	-.26276	-42.917	-22.218
#3	.03018	2.625	-.26557	-46.351	-16.470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.7	26809.	1719.4	23.226	2140.8
Stddev	3.3	126.	3.0	2.806	2.3
%RSD	.14777	.47090	.17255	12.083	.10963

#1	2218.1	26954.	1718.2	21.798	2138.1
#2	2219.5	26743.	1717.2	26.459	2142.4
#3	2224.4	26728.	1722.7	21.421	2141.9

Sample Name: K4141-10DUP Acquired: 8/5/2019 19:50:16 Type: Unk
Method: P4-ICP2(v3319) 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	.05766	-.01608	.16161	.03851	.01047	105.28	.25093
Stddev	.00175	.00088	.00238	.00343	.00133	.33	.00219
%RSD	3.0425	5.4506	1.4728	8.9108	12.708	.31160	.87203

#1	.05969	-.01640	.16424	.03915	.01160	104.96	.24918
#2	.05675	-.01676	.15962	.03480	.01081	105.28	.25339
#3	.05655	-.01509	.16096	.04157	.00900	105.61	.25023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00580	-.00598	.56116	.35750	.02475	2.6612	258.74
Stddev	.00006	.00011	.01026	.00095	.00043	.0186	.24
%RSD	1.0528	1.9122	1.8284	.26458	1.7447	.69903	.09139

#1	.00577	-.00609	.55106	.35654	.02505	2.6742	258.68
#2	.00577	-.00586	.56084	.35753	.02426	2.6694	259.00
#3	.00587	-.00598	.57158	.35843	.02495	2.6399	258.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32944	2.8199	.33361	-.01393	.13101	.31794	2.9416
Stddev	.00046	.1052	.00146	.00045	.01029	.00173	.0155
%RSD	.13858	3.7308	.43637	3.2334	7.8576	.54520	.52605

#1	.32986	2.7126	.33360	-.01397	.12833	.31655	2.9531
#2	.32896	2.9228	.33216	-.01347	.14238	.31738	2.9478
#3	.32951	2.8242	.33507	-.01437	.12232	.31988	2.9240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8404	.02566	-.00692	.75967	F 15.425	.07147	.67181
Stddev	.0494	.00024	.00985	.00600	.040	.00117	.00848
%RSD	2.6858	.94009	142.36	.78936	.26049	1.6308	1.2622

#1	1.8975	.02582	-.01444	.76588	15.379	.07180	.66297
#2	1.8098	.02538	-.01055	.75391	15.453	.07244	.67988
#3	1.8140	.02577	.00423	.75922	15.443	.07018	.67257

Sample Name: K4141-10DUP Acquired: 8/5/2019 19:50:16 Type: Unk
Method: P4-ICP2(v3319) 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	.03331	2.643	-.26392	<.00000	F<.00000
Stddev	.00067	.004	.00026	3.7762	5.5836
%RSD	2.0206	.1498	.09778	8.1598	28.573

#1	.03401	2.647	-.26398	-41.919	-16.941
#2	.03327	2.644	-.26414	-48.364	-25.951
#3	.03266	2.639	-.26363	-48.551	-15.733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.4	26770.	1724.5	23.586	2140.5
Stddev	16.5	37.	4.5	.471	13.4
%RSD	.74085	.13723	.26232	1.9967	.62791

#1	2211.2	26741.	1729.5	23.922	2132.5
#2	2212.5	26757.	1720.8	23.787	2133.0
#3	2240.4	26811.	1723.0	23.047	2156.0

Sample Name: K4141-10LX5 Acquired: 8/5/2019 19:54:39 Type: Unk
Method: P4-ICP2(v3319) 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	.01483	-.00381	.02897	.01086	.00263	22.689	.05191	.00065
Stddev	.00260	.00257	.00157	.00245	.00290	.250	.00112	.00021
%RSD	17.542	67.404	5.4054	22.605	110.27	1.1001	2.1535	31.870

#1	.01784	-.00505	.02792	.00863	.00577	22.410	.05065	.00055
#2	.01334	-.00086	.03077	.01349	.00205	22.889	.05232	.00088
#3	.01332	-.00553	.02822	.01046	.00006	22.770	.05277	.00051

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	.12654	.07878	.00510	.60289	60.886	.07283	.53390
Stddev	.00011	.02266	.00053	.00014	.00131	.122	.00031	.03890
%RSD	4.6508	17.909	.67620	2.7495	.21713	.20099	.42826	7.2857

#1	-.00237	.12864	.07826	.00511	.60186	60.954	.07247	.56827
#2	-.00234	.10290	.07877	.00524	.60437	60.744	.07306	.49167
#3	-.00255	.14808	.07932	.00496	.60246	60.959	.07296	.54177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06853	-.00300	.08416	.06738	.59120	.34121	.00520	-.00661
Stddev	.00037	.00081	.01490	.00040	.00025	.01294	.00007	.02557
%RSD	.53999	26.893	17.705	.60082	.04302	3.7913	1.3228	386.79

#1	.06893	-.00207	.07818	.06750	.59119	.32687	.00513	-.01604
#2	.06820	-.00345	.07318	.06693	.59145	.34476	.00520	-.02612
#3	.06847	-.00348	.10112	.06772	.59095	.35201	.00526	.02233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15595	3.6020	.01141	.14395	.00373	.5273	-.06298	<.00000
Stddev	.00299	.0121	.00056	.00259	.00245	.0056	.00015	3.8521
%RSD	1.9141	.33446	4.8942	1.8018	65.514	1.056	.24241	108.42

#1	.15400	3.6096	.01108	.14688	.00636	.5244	-.06310	.85535
#2	.15447	3.5881	.01111	.14302	.00153	.5338	-.06281	-5.2439
#3	.15939	3.6082	.01206	.14195	.00330	.5238	-.06303	-6.2706

Sample Name: K4141-10LX5 Acquired: 8/5/2019 19:54:39 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1005
 Stddev 1.9655
 %RSD 32.220

#1 8.2627
 #2 5.6169
 #3 4.4219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.6	25731.	1625.2	21.763	2230.1
Stddev	1.9	131.	10.7	.677	4.2
%RSD	.08901	.51013	.65655	3.1100	.18857

#1	2122.0	25632.	1613.0	22.480	2227.2
#2	2125.7	25880.	1630.3	21.675	2234.9
#3	2123.0	25682.	1632.4	21.135	2228.1

Sample Name: K4141-10MS Acquired: 8/5/2019 19:59:02 Type: Unk
Method: P4-ICP2(v3319) 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	.76398	1.9674	1.1620	1.7950	.18379	129.41	.40161
Stddev	.00134	.0037	.0017	.0045	.00203	.59	.00115
%RSD	.17591	.18670	.14333	.25068	1.1064	.45233	.28607

#1	.76468	1.9665	1.1604	1.7992	.18295	128.76	.40101
#2	.76483	1.9715	1.1638	1.7902	.18611	129.56	.40294
#3	.76243	1.9643	1.1617	1.7956	.18231	129.90	.40089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19496	.18971	1.7708	.69107	.22911	2.8102	243.59
Stddev	.00068	.00070	.0176	.00064	.00027	.0069	.07
%RSD	.35082	.37073	.99448	.09299	.11602	.24557	.02794

#1	.19575	.18971	1.7549	.69124	.22915	2.8157	243.61
#2	.19453	.19041	1.7897	.69036	.22935	2.8024	243.64
#3	.19460	.18901	1.7679	.69160	.22883	2.8124	243.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51036	5.3729	1.0169	.05643	3.1082	.60008	3.0788
Stddev	.00048	.0850	.0015	.00110	.0196	.00031	.0055
%RSD	.09438	1.5822	.14867	1.9499	.62988	.05129	.17856

#1	.50981	5.4705	1.0162	.05660	3.1291	.59984	3.0745
#2	.51058	5.3154	1.0187	.05744	3.0903	.59998	3.0770
#3	.51069	5.3327	1.0159	.05525	3.1053	.60043	3.0850

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.495	.36188	.19799	.70104	F 15.495	.69126	.87625
Stddev	.061	.00140	.02107	.00338	.037	.00282	.00910
%RSD	.53117	.38751	10.641	.48237	.23996	.40771	1.0381

#1	11.555	.36333	.19377	.70356	15.510	.69291	.87806
#2	11.433	.36176	.17935	.70237	15.452	.69286	.86639
#3	11.495	.36054	.22085	.69720	15.522	.68801	.88431

Sample Name: K4141-10MS Acquired: 8/5/2019 19:59:02 Type: Unk
Method: P4-ICP2(v3319) 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	.25697	8.397	-.04974	<.00000	F<.00000
Stddev	.00107	.010	.00058	1.2048	1.7797
%RSD	.41636	.1209	1.1679	2.7699	7.8793

#1	.25631	8.393	-.05040	-44.888	-23.597
#2	.25640	8.408	-.04932	-42.850	-23.631
#3	.25821	8.389	-.04949	-42.756	-20.532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.6	26389.	1670.6	22.381	2124.9
Stddev	6.7	26.	5.2	.937	2.5
%RSD	.30550	.09678	.31239	4.1869	.11706

#1	2192.0	26407.	1676.6	22.539	2127.4
#2	2203.3	26360.	1667.4	23.229	2124.7
#3	2191.4	26401.	1667.7	21.375	2122.5

Sample Name: K4141-10MSD Acquired: 8/5/2019 20:03:20 Type: Unk
Method: P4-ICP2(v3319) 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	.76887	1.9850	1.1688	1.8151	.18642	129.26	.40368
Stddev	.00262	.0054	.0037	.0025	.00392	.83	.00325
%RSD	.34110	.27305	.31395	.13875	2.1002	.64150	.80522

#1	.77130	1.9806	1.1654	1.8155	.18293	128.40	.39995
#2	.76921	1.9834	1.1682	1.8124	.19065	130.05	.40517
#3	.76609	1.9911	1.1727	1.8173	.18568	129.34	.40591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19732	.19051	1.7679	.69147	.23046	2.8129	245.17
Stddev	.00042	.00013	.0346	.00154	.00040	.0076	.75
%RSD	.21321	.06706	1.9584	.22258	.17482	.27200	.30641

#1	.19737	.19065	1.7512	.69208	.23003	2.8123	244.30
#2	.19687	.19046	1.7448	.69260	.23052	2.8208	245.61
#3	.19770	.19041	1.8077	.68971	.23083	2.8056	245.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51592	5.3563	1.0398	.05685	3.1234	.60165	3.0895
Stddev	.00088	.1257	.0009	.00051	.0453	.00145	.0075
%RSD	.17007	2.3472	.08361	.89120	1.4501	.24075	.24343

#1	.51657	5.2498	1.0408	.05705	3.0714	.60330	3.0866
#2	.51493	5.3242	1.0394	.05627	3.1544	.60062	3.0981
#3	.51627	5.4950	1.0391	.05721	3.1443	.60102	3.0839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.544	.36345	.21792	.69994	F 15.514	.69545	.87766
Stddev	.196	.00123	.03715	.00777	.044	.00168	.00455
%RSD	1.6968	.33899	17.049	1.1107	.28362	.24103	.51863

#1	11.329	.36334	.19439	.69383	15.511	.69402	.87250
#2	11.712	.36474	.26075	.70869	15.472	.69730	.87938
#3	11.592	.36228	.19863	.69730	15.560	.69505	.88109

Sample Name: K4141-10MSD Acquired: 8/5/2019 20:03:20 Type: Unk
Method: P4-ICP2(v3319) 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	.25586	8.476	-.05154	<.00000	F<.00000
Stddev	.00117	.004	.00086	3.6107	3.1602
%RSD	.45839	.0465	1.6703	10.872	12.351

#1	.25587	8.480	-.05253	-31.235	-27.074
#2	.25702	8.473	-.05115	-37.379	-27.728
#3	.25468	8.476	-.05094	-31.021	-21.957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.1	26487.	1684.4	22.908	2126.2
Stddev	5.4	32.	13.4	1.056	6.3
%RSD	.24708	.12136	.79372	4.6100	.29476

#1	2197.1	26511.	1668.9	22.001	2124.2
#2	2194.9	26450.	1691.6	22.656	2121.2
#3	2205.2	26499.	1692.5	24.067	2133.3

Sample Name: K4141-10A Acquired: 8/5/2019 20:07:42 Type: Unk
Method: P4-ICP2(v3319) 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	.75886	1.9702	1.1640	1.7995	.18528	129.02	.40160
Stddev	.00248	.0077	.0008	.0038	.00131	.03	.00169
%RSD	.32617	.39154	.07051	.21220	.70678	.02223	.42075

#1	.75929	1.9652	1.1645	1.8029	.18378	129.05	.39982
#2	.75620	1.9664	1.1631	1.7953	.18618	129.03	.40180
#3	.76109	1.9791	1.1646	1.8002	.18589	128.99	.40319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19539	.18983	1.7223	.68539	.22865	2.8093	243.44
Stddev	.00085	.00016	.0325	.00255	.00050	.0031	.31
%RSD	.43291	.08204	1.8861	.37145	.21684	.11052	.12821

#1	.19442	.18997	1.6986	.68350	.22898	2.8058	243.35
#2	.19587	.18986	1.7593	.68828	.22889	2.8107	243.18
#3	.19589	.18966	1.7090	.68439	.22808	2.8115	243.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51161	5.1153	.98945	.05754	3.0789	.59700	3.0822
Stddev	.00032	.1038	.00155	.00038	.0168	.00108	.0092
%RSD	.06339	2.0291	.15697	.65991	.54579	.18016	.30027

#1	.51195	5.0217	.99095	.05724	3.0834	.59766	3.0729
#2	.51157	5.2269	.98785	.05797	3.0930	.59576	3.0914
#3	.51130	5.0972	.98957	.05741	3.0603	.59758	3.0821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.509	.36162	.23274	.69971	F 15.448	.69116	.87243
Stddev	.091	.00051	.00904	.00585	.012	.00250	.00512
%RSD	.79466	.14036	3.8862	.83575	.08069	.36236	.58697

#1	11.584	.36183	.23296	.69821	15.457	.69172	.86711
#2	11.537	.36104	.24167	.69476	15.452	.69333	.87285
#3	11.407	.36199	.22359	.70616	15.434	.68842	.87733

Sample Name: K4141-10A Acquired: 8/5/2019 20:07:42 Type: Unk
Method: P4-ICP2(v3319) 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	.25450	8.422	-.05109	<.00000	F<.00000
Stddev	.00036	.011	.00142	1.6047	5.1910
%RSD	.14238	.1295	2.7698	4.4893	26.653

#1	.25491	8.415	-.05224	-37.599	-24.755
#2	.25422	8.435	-.04951	-34.836	-14.378
#3	.25436	8.417	-.05153	-34.803	-19.295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.6	26449.	1674.0	22.518	2122.7
Stddev	3.3	110.	6.3	1.504	6.1
%RSD	.15161	.41685	.37485	6.6772	.28620

#1	2201.3	26336.	1678.5	24.211	2125.9
#2	2194.9	26453.	1666.9	22.006	2115.7
#3	2199.7	26557.	1676.7	21.338	2126.5

Sample Name: K4141-11 Acquired: 8/5/2019 20:12:01 Type: Unk
Method: P4-ICP2(v3319) 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	.04541	-.01201	1.2495	.02877	.00644	64.184	1.3273
Stddev	.00227	.00218	.0032	.00170	.00125	.400	.0047
%RSD	4.9955	18.127	.25881	5.9197	19.366	.62381	.35676

#1	.04385	-.01135	1.2500	.03066	.00516	63.806	1.3243
#2	.04436	-.01025	1.2461	.02829	.00765	64.143	1.3249
#3	.04801	-.01445	1.2525	.02736	.00652	64.603	1.3328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	.00042	7.5873	F 2.6710	.04889	4.8180	159.28
Stddev	.00016	.00017	.0675	.0007	.00022	.0393	.24
%RSD	5.4506	40.709	.88913	.02577	.45886	.81503	.14979

#1	.00276	.00062	7.5223	2.6717	.04883	4.8455	159.56
#2	.00290	.00030	7.5828	2.6711	.04914	4.8354	159.13
#3	.00308	.00035	7.6570	2.6703	.04871	4.7730	159.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8380	2.0741	3.6850	-.00696	.19409	.15843	21.584
Stddev	.0044	.0661	.0250	.00094	.00426	.00155	.170
%RSD	.11468	3.1885	.67787	13.507	2.1964	.97811	.78897

#1	3.8341	2.1498	3.7004	-.00596	.19126	.15674	21.709
#2	3.8371	2.0447	3.6984	-.00711	.19899	.15977	21.652
#3	3.8428	2.0277	3.6561	-.00782	.19201	.15880	21.390

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0642	.01054	-.00331	.83327	F 10.214	.32009	.55049
Stddev	.0631	.00035	.02906	.00747	.006	.00130	.00207
%RSD	5.9342	3.3153	877.80	.89701	.05704	.40627	.37522

#1	1.1071	.01028	.03007	.82603	10.213	.32050	.55226
#2	.99172	.01094	-.02294	.84096	10.209	.31864	.54822
#3	1.0939	.01040	-.01707	.83283	10.221	.32115	.55099

Sample Name: K4141-11 Acquired: 8/5/2019 20:12:01 Type: Unk
Method: P4-ICP2(v3319) 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	.01833	3.661	-.09917	<.00000	<.00000
Stddev	.00035	.003	.00025	1.7382	2.9060
%RSD	1.8830	.0793	.25287	5.5567	295.74

#1	.01819	3.658	-.09939	-30.941	1.5842
#2	.01873	3.664	-.09921	-29.737	-4.1378
#3	.01808	3.660	-.09890	-33.163	-.39421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.0	26694.	1687.9	23.802	2206.5
Stddev	19.6	78.	6.3	.393	16.5
%RSD	.88792	.29209	.37534	1.6498	.74827

#1	2192.7	26664.	1694.5	23.766	2195.3
#2	2194.6	26782.	1687.6	23.429	2198.7
#3	2227.5	26635.	1681.8	24.212	2225.5

Sample Name: CCV08 Acquired: 8/5/2019 20:16:23 Type: Unk
Method: P4-ICP2(v3319) 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	5.2190	5.2015	5.1920	5.2972	5.2060	10.247	10.441
Stddev	.0124	.0165	.0055	.0190	.0103	.118	.098
%RSD	.23659	.31690	.10504	.35868	.19810	1.1554	.93840

#1	5.2058	5.1924	5.1974	5.2794	5.1942	10.171	10.358
#2	5.2210	5.1916	5.1920	5.2951	5.2108	10.185	10.414
#3	5.2303	5.2206	5.1865	5.3172	5.2130	10.383	10.549

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26235	2.5635	26.231	1.0267	2.5805	1.3086	5.2850
Stddev	.00074	.0016	.172	.0017	.0020	.0045	.0073
%RSD	.28255	.06237	.65549	.16138	.07723	.34377	.13825

#1	.26178	2.5646	26.056	1.0248	2.5823	1.3092	5.2839
#2	.26207	2.5617	26.400	1.0273	2.5783	1.3127	5.2783
#3	.26319	2.5643	26.237	1.0279	2.5808	1.3038	5.2928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6257	26.347	2.5646	1.2966	25.880	2.6013	2.5495
Stddev	.0039	.310	.0045	.0010	.217	.0075	.0047
%RSD	.14934	1.1764	.17580	.07932	.83920	.28628	.18268

#1	2.6218	26.035	2.5686	1.2954	25.690	2.5950	2.5546
#2	2.6257	26.351	2.5655	1.2968	25.833	2.6095	2.5455
#3	2.6296	26.655	2.5597	1.2975	26.117	2.5993	2.5485

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.681	5.2385	5.0965	5.2050	5.0872	5.1323	5.2054
Stddev	.150	.0025	.0866	.0167	.0262	.0039	.0364
%RSD	.58303	.04709	1.6990	.32021	.51431	.07683	.69932

#1	25.586	5.2388	5.0604	5.2242	5.0890	5.1299	5.1643
#2	25.603	5.2408	5.0338	5.1971	5.1125	5.1302	5.2334
#3	25.853	5.2359	5.1953	5.1938	5.0602	5.1369	5.2186

Sample Name: CCV08 Acquired: 8/5/2019 20:16:23 Type: Unk
 Method: P4-ICP2(v3319) 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	5.0671	5.351	5.2337	F 32.230	F 3.6105
Stddev	.0252	.013	.0312	1.905	1.9889
%RSD	.49709	.2455	.59646	5.9090	55.086

#1	5.0481	5.339	5.1998	30.235	3.4352
#2	5.0957	5.349	5.2613	34.029	1.7151
#3	5.0576	5.365	5.2400	32.427	5.6812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.5	24371.	1574.4	22.065	2040.9
Stddev	4.3	97.	7.9	.783	4.1
%RSD	.21311	.39624	.50304	3.5487	.19886

#1	2001.7	24415.	1575.4	21.511	2036.5
#2	2002.4	24438.	1566.0	21.723	2041.8
#3	2009.4	24261.	1581.7	22.961	2044.5

Sample Name: CCB08 Acquired: 8/5/2019 20:20:21 Type: Unk
Method: P4-ICP2(v3319) 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	-.00163	-.00186	-.00275	.00343	.00088	-.01342	.00076
Stddev	.00305	.00090	.00088	.00168	.00211	.01901	.00130
%RSD	187.74	48.396	32.121	49.034	238.83	141.60	170.46

#1	.00042	-.00186	-.00190	.00277	.00155	-.03190	-.00037
#2	-.00514	-.00096	-.00269	.00534	-.00148	.00607	.00047
#3	-.00016	-.00277	-.00367	.00218	.00257	-.01443	.00218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00005	-.01053	-.00019	.00013	-.00037	.00098
Stddev	.00011	.00016	.01418	.00034	.00014	.00047	.00075
%RSD	109.43	319.66	134.63	178.85	105.14	128.60	76.566

#1	.00020	-.00023	-.00685	.00012	-.00001	-.00025	.00128
#2	-.00001	.00001	.00144	-.00014	.00014	.00004	.00153
#3	.00010	.00008	-.02619	-.00056	.00027	-.00089	.00013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.09137	.00012	.00001	.06178	-.00035	.00289
Stddev	.00002	.01163	.00067	.00031	.01325	.00066	.00010
%RSD	17.181	12.731	582.57	4068.3	21.456	187.28	3.4591

#1	-.00013	-.10349	-.00023	-.00013	.06814	-.00025	.00298
#2	-.00010	-.09034	.00089	.00036	.07065	.00025	.00290
#3	-.00015	-.08029	-.00031	-.00021	.04654	-.00107	.00278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	.00132	-.00818	-.00359	.00284	-.00150	.00393
Stddev	.04858	.00030	.00209	.00702	.00177	.00107	.00151
%RSD	2040.6	22.930	25.520	195.73	62.374	71.110	38.468

#1	.04897	.00167	-.00892	-.00901	.00224	-.00148	.00225
#2	-.04796	.00120	-.00980	-.00611	.00145	-.00258	.00437
#3	.00613	.00110	-.00583	.00435	.00484	-.00044	.00518

Sample Name: CCB08 Acquired: 8/5/2019 20:20:21 Type: Unk
Method: P4-ICP2(v3319) 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	-.00298	.0001	.00015	F 3.1206	F 5.1149
Stddev	.00205	.0006	.00007	3.4707	2.0384
%RSD	68.846	538.4	47.643	111.22	39.852

#1	-.00100	.0006	.00023	-.53819	6.5635
#2	-.00509	-.0006	.00012	6.3661	5.9973
#3	-.00284	.0003	.00010	3.5340	2.7840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.0	25447.	1598.0	22.693	2283.3
Stddev	16.8	83.	8.6	.882	18.5
%RSD	.79920	.32543	.53535	3.8863	.81090

#1	2086.7	25353.	1605.8	21.675	2261.9
#2	2117.3	25481.	1599.5	23.210	2293.4
#3	2114.2	25508.	1588.9	23.195	2294.5

Sample Name: K4141-12 Acquired: 8/5/2019 20:24:50 Type: Unk
Method: P4-ICP2(v3319) 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	.02492	-.00606	.52608	.01694	.00648	32.743	.35217	.00064
Stddev	.00072	.00154	.00387	.00185	.00243	.098	.00153	.00032
%RSD	2.8711	25.335	.73516	10.944	37.493	.30062	.43441	49.747

#1	.02571	-.00761	.52534	.01856	.00602	32.847	.35288	.00046
#2	.02433	-.00454	.53027	.01492	.00910	32.732	.35321	.00045
#3	.02471	-.00602	.52264	.01735	.00431	32.651	.35041	.00100

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	1.3115	1.5756	.01444	2.5635	81.673	.78482	1.0134
Stddev	.00006	.0157	.0021	.00008	.0112	.560	.00110	.0764
%RSD	2.7738	1.1936	.13138	.52252	.43598	.68548	.14068	7.5342

#1	.00227	1.3085	1.5763	.01451	2.5507	82.127	.78386	1.1004
#2	.00234	1.3284	1.5772	.01446	2.5708	81.845	.78603	.95740
#3	.00240	1.2975	1.5732	.01436	2.5692	81.047	.78456	.98248

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59656	.00104	.11340	.11926	18.148	.59912	.01998	.03071
Stddev	.00025	.00062	.01319	.00067	.036	.03444	.00017	.01671
%RSD	.04197	60.216	11.629	.56115	.19922	5.7486	.82899	54.412

#1	.59673	.00142	.11305	.11862	18.107	.56240	.01987	.01190
#2	.59627	.00137	.10039	.11996	18.177	.60427	.01989	.04382
#3	.59668	.00032	.12676	.11921	18.159	.63070	.02017	.03641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0041	5.2935	.09525	.43809	.01042	1.700	-.07674	<.00000
Stddev	.0047	.0192	.00150	.00325	.00306	.002	.00064	4.3175
%RSD	.47220	.36184	1.5704	.74097	29.359	.0944	.83675	26.573

#1	1.0083	5.3148	.09614	.43845	.00900	1.700	-.07716	-12.617
#2	1.0050	5.2879	.09352	.44114	.00832	1.702	-.07706	-15.104
#3	.99898	5.2778	.09608	.43468	.01393	1.698	-.07601	-21.022

Sample Name: K4141-12 Acquired: 8/5/2019 20:24:50 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2503
Stddev 2.5777
%RSD 60.648

#1 4.1971
#2 1.6996
#3 6.8542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.4	26476.	1689.5	23.342	2275.5
Stddev	13.4	131.	8.3	.913	9.1
%RSD	.62028	.49411	.49304	3.9110	.40210

#1	2180.8	26373.	1680.1	24.395	2286.0
#2	2159.3	26433.	1692.2	22.780	2271.7
#3	2156.0	26624.	1696.1	22.850	2268.9

Sample Name: K4141-13 Acquired: 8/5/2019 20:29:17 Type: Unk
Method: P4-ICP2(v3319) 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	.02327	-.00681	.08522	.01574	.00333	63.184	.17718	.00127
Stddev	.00121	.00098	.00058	.00238	.00231	.260	.00138	.00016
%RSD	5.2114	14.433	.67715	15.103	69.363	.41215	.77608	12.545

#1	.02355	-.00753	.08582	.01299	.00489	63.269	.17869	.00122
#2	.02194	-.00569	.08517	.01720	.00441	62.891	.17686	.00114
#3	.02432	-.00721	.08467	.01701	.00068	63.390	.17599	.00145

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	.69833	.25186	.00874	.42133	74.487	.28055	3.2865
Stddev	.00011	.03022	.00122	.00026	.00122	.172	.00060	.0752
%RSD	5.3037	4.3275	.48513	2.9454	.29014	.23105	.21302	2.2893

#1	-.00212	.73155	.25322	.00846	.42178	74.633	.27989	3.2274
#2	-.00192	.67248	.25087	.00880	.41995	74.530	.28106	3.2608
#3	-.00198	.69096	.25148	.00896	.42227	74.297	.28071	3.3712

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11230	-.00233	.10244	.11610	4.1346	.91131	.00562	.00750
Stddev	.00050	.00055	.00466	.00084	.0068	.03805	.00024	.03980
%RSD	.44472	23.735	4.5539	.72275	.16507	4.1749	4.3068	530.41

#1	.11173	-.00175	.10357	.11532	4.1268	.93335	.00548	.04142
#2	.11267	-.00285	.10643	.11598	4.1374	.93320	.00590	-.03631
#3	.11249	-.00238	.09731	.11699	4.1396	.86738	.00548	.01740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42477	5.2387	.01634	.51451	.03220	1.320	-.07203	<.00000
Stddev	.00605	.0158	.00071	.01114	.00049	.003	.00036	3.4109
%RSD	1.4243	.30122	4.3740	2.1645	1.5165	.2516	.49890	89.253

#1	.42057	5.2535	.01566	.52454	.03271	1.319	-.07214	-7.0925
#2	.42204	5.2407	.01628	.50253	.03175	1.317	-.07233	-.28616
#3	.43171	5.2221	.01708	.51648	.03213	1.323	-.07163	-4.0861

Sample Name: K4141-13 Acquired: 8/5/2019 20:29:17 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6392
Stddev	.6220
%RSD	11.029

#1	5.2140
#2	5.3507
#3	6.3531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.1	26244.	1659.9	23.767	2251.0
Stddev	3.7	139.	16.7	.959	5.9
%RSD	.16970	.52776	1.0078	4.0343	.26197

#1	2156.6	26085.	1647.6	23.767	2257.6
#2	2153.5	26342.	1653.2	22.808	2249.5
#3	2149.3	26305.	1679.0	24.725	2246.1

Sample Name: K4141-14 Acquired: 8/5/2019 20:33:47 Type: Unk
Method: P4-ICP2(v3319) 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	.03980	-.00658	1.3992	.02046	.00486	34.479	.19868	.00089
Stddev	.00249	.00127	.0008	.00069	.00106	.151	.00063	.00017
%RSD	6.2569	19.294	.05357	3.3492	21.840	.43811	.31817	18.727

#1	.03923	-.00539	1.4000	.02047	.00538	34.408	.19862	.00088
#2	.04253	-.00643	1.3985	.01977	.00364	34.376	.19934	.00074
#3	.03765	-.00791	1.3991	.02114	.00557	34.652	.19808	.00107

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	1.6132	.65092	.01245	3.9266	88.843	.62153	1.5677
Stddev	.00019	.0058	.00141	.00044	.0079	.825	.00086	.0303
%RSD	9.1266	.35823	.21726	3.5610	.20080	.92911	.13887	1.9324

#1	-.00224	1.6147	.65086	.01205	3.9352	89.275	.62115	1.5578
#2	-.00201	1.6182	.64954	.01292	3.9197	87.892	.62093	1.5437
#3	-.00187	1.6069	.65236	.01236	3.9250	89.364	.62252	1.6018

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32692	.01704	.11931	.14695	.60984	1.1112	.02775	.01852
Stddev	.00118	.00043	.01023	.00091	.00113	.0704	.00031	.01846
%RSD	.36082	2.5299	8.5725	.61861	.18493	6.3325	1.0991	99.681

#1	.32681	.01725	.10788	.14695	.61099	1.1924	.02805	.03564
#2	.32816	.01734	.12761	.14605	.60874	1.0700	.02777	-.00104
#3	.32580	.01655	.12244	.14786	.60978	1.0711	.02744	.02095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3702	5.8123	.14592	.47079	.00808	3.145	-.08540	<.00000
Stddev	.0098	.0483	.00042	.00433	.00395	.006	.00093	1.4121
%RSD	.41468	.83147	.28523	.91977	48.900	.1868	1.0901	10.069

#1	2.3589	5.8523	.14597	.46982	.00360	3.139	-.08580	-13.224
#2	2.3748	5.7586	.14548	.46702	.00958	3.151	-.08434	-15.655
#3	2.3769	5.8260	.14631	.47552	.01106	3.144	-.08607	-13.194

Sample Name: K4141-14 Acquired: 8/5/2019 20:33:47 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0230
Stddev	2.7898
%RSD	55.540

#1	6.7734
#2	1.8058
#3	6.4897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.6	26705.	1690.7	23.145	2260.9
Stddev	3.8	94.	.5	.938	.7
%RSD	.17266	.35018	.02947	4.0537	.03238

#1	2172.6	26635.	1690.8	22.375	2260.1
#2	2180.0	26811.	1691.1	24.190	2261.1
#3	2177.1	26668.	1690.1	22.870	2261.6

Sample Name: K4141-15 Acquired: 8/5/2019 20:38:12 Type: Unk
Method: P4-ICP2(v3319) 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	.01887	-.00860	.05626	.01055	.00470	61.615	.27554	.00145
Stddev	.00390	.00160	.00211	.00088	.00334	.549	.00341	.00006
%RSD	20.658	18.621	3.7578	8.3527	71.132	.89118	1.2360	3.8396

#1	.02098	-.01025	.05868	.01022	.00161	60.981	.27161	.00142
#2	.02126	-.00849	.05534	.01155	.00424	61.950	.27752	.00152
#3	.01437	-.00705	.05476	.00988	.00825	61.914	.27750	.00142

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00214	1.2058	.09554	.01031	.25604	67.688	.23241	2.6969
Stddev	.00002	.0595	.00094	.00021	.00073	.406	.00242	.1051
%RSD	.82992	4.9330	.98458	2.0158	.28537	.59961	1.0402	3.8985

#1	-.00212	1.1666	.09448	.01007	.25680	67.884	.23435	2.6443
#2	-.00215	1.2743	.09628	.01039	.25598	67.958	.22970	2.6284
#3	-.00213	1.1765	.09585	.01045	.25535	67.221	.23318	2.8180

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06671	-.00206	.13870	.10334	.61965	.88918	.00327	.00796
Stddev	.00055	.00095	.01255	.00095	.00107	.05760	.00063	.02819
%RSD	.81939	46.254	9.0512	.91474	.17195	6.4781	19.373	353.97

#1	.06612	-.00303	.12429	.10349	.61862	.84043	.00292	.02469
#2	.06683	-.00113	.14453	.10421	.62074	.95274	.00289	-.02458
#3	.06719	-.00202	.14728	.10233	.61958	.87437	.00400	.02378

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41152	5.3101	.00502	.41012	.03074	1.155	-.05836	<.00000
Stddev	.00274	.0383	.00126	.00635	.00147	.005	.00056	2.1226
%RSD	.66614	.72143	25.078	1.5495	4.7904	.4211	.96792	19.035

#1	.41420	5.3427	.00491	.40722	.03232	1.149	-.05880	-10.807
#2	.41163	5.3197	.00382	.40574	.03052	1.158	-.05855	-13.425
#3	.40872	5.2679	.00634	.41741	.02940	1.157	-.05772	-9.2219

Sample Name: K4141-15 Acquired: 8/5/2019 20:38:12 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9595
Stddev 4.8547
%RSD 122.61

#1 6.8864
#2 -1.6445
#3 6.6365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.3	26219.	1668.3	23.596	2246.1
Stddev	7.7	103.	12.6	.122	3.7
%RSD	.36077	.39390	.75728	.51588	.16568

#1	2156.1	26234.	1659.6	23.735	2249.1
#2	2141.5	26109.	1662.5	23.547	2241.9
#3	2144.4	26314.	1682.8	23.506	2247.2

Sample Name: K4141-16 Acquired: 8/5/2019 20:42:42 Type: Unk
Method: P4-ICP2(v3319) 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	.03745	-.01812	.14123	.02502	-.00414	33.350	.36109
Stddev	.00417	.00476	.00100	.00225	.00169	.210	.00287
%RSD	11.146	26.271	.70694	9.0073	40.789	.62888	.79380

#1	.03400	-.02115	.14009	.02247	-.00389	33.163	.35838
#2	.03625	-.02057	.14194	.02674	-.00259	33.309	.36082
#3	.04209	-.01263	.14165	.02584	-.00594	33.577	.36409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	-.00074	741.05	.91241	.01371	3.4950	170.60
Stddev	.00002	.00010	2.18	.00448	.00011	.0075	.55
%RSD	1.1278	14.080	.29432	.49127	.80184	.21391	.32172

#1	.00204	-.00067	741.92	.90887	.01378	3.5001	170.64
#2	.00206	-.00086	738.57	.91090	.01377	3.4864	171.12
#3	.00208	-.00069	742.67	.91745	.01358	3.4986	170.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1745	460.82	15.550	-.01321	.98327	.14126	2.7219
Stddev	.0016	4.55	.005	.00028	.01542	.00203	.0027
%RSD	.13943	.98662	.03340	2.0977	1.5683	1.4369	.09922

#1	1.1741	458.07	15.550	-.01328	.97229	.14034	2.7216
#2	1.1732	458.33	15.555	-.01290	.97661	.13985	2.7247
#3	1.1763	466.07	15.544	-.01344	1.0009	.14358	2.7194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6332	.01059	.02911	3.8658	F 10.196	.04506	.39644
Stddev	.0710	.00012	.02640	.0085	.045	.00198	.00475
%RSD	4.3497	1.1238	90.702	.21965	.43986	4.3990	1.1987

#1	1.6692	.01045	.04629	3.8654	10.220	.04482	.39129
#2	1.6791	.01065	.04232	3.8745	10.224	.04321	.40065
#3	1.5514	.01066	-.00129	3.8575	10.145	.04715	.39738

Sample Name: K4141-16 Acquired: 8/5/2019 20:42:42 Type: Unk
 Method: P4-ICP2(v3319) 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	.02266	2.493	.00783	42.192	7.8419
Stddev	.00198	.011	.00144	1.840	2.2326
%RSD	8.7477	.4496	18.433	4.3620	28.470

#1	.02444	2.504	.00715	44.316	5.6012
#2	.02052	2.493	.00685	41.092	7.8582
#3	.02302	2.481	.00949	41.167	10.066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.6	23063.	1554.2	20.763	1776.8
Stddev	3.4	32.	8.7	.726	1.9
%RSD	.17818	.13714	.56061	3.4979	.10484

#1	1901.0	23048.	1545.7	20.017	1778.2
#2	1907.5	23099.	1563.1	20.804	1774.7
#3	1902.4	23042.	1553.7	21.468	1777.5

Sample Name: K4141-17 Acquired: 8/5/2019 20:47:05 Type: Unk
Method: P4-ICP2(v3319) 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	.03760	-.01296	2.3781	.02719	-.00999	54.370	.44960
Stddev	.00316	.00110	.0061	.00153	.00164	.283	.00309
%RSD	8.4105	8.5136	.25579	5.6285	16.413	.52045	.68802

#1	.04079	-.01313	2.3711	.02854	-.00919	54.084	.44669
#2	.03446	-.01178	2.3810	.02553	-.01187	54.650	.44926
#3	.03756	-.01397	2.3821	.02749	-.00890	54.375	.45285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	.00101	8.4449	F 17.099	.02109	9.4612	162.14
Stddev	.00010	.00021	.0489	.018	.00034	.0225	.88
%RSD	3.8740	20.584	.57857	.10626	1.6114	.23771	.54102

#1	.00268	.00087	8.4072	17.094	.02123	9.4614	162.95
#2	.00261	.00092	8.4274	17.119	.02135	9.4836	162.26
#3	.00249	.00125	8.5001	17.084	.02071	9.4386	161.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43541	3.4526	7.6949	-.00632	.30815	.18540	6.1145
Stddev	.00139	.1422	.0090	.00057	.01005	.00141	.0128
%RSD	.31975	4.1197	.11664	9.0046	3.2628	.76275	.21007

#1	.43410	3.3313	7.7044	-.00599	.30159	.18593	6.1163
#2	.43688	3.6092	7.6937	-.00600	.30315	.18380	6.1264
#3	.43527	3.4175	7.6866	-.00698	.31973	.18647	6.1009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9686	.01436	.04390	1.8532	9.8799	.11785	.49559
Stddev	.0404	.00005	.01390	.0035	.0734	.00128	.00416
%RSD	2.0510	.32335	31.653	.18877	.74324	1.0903	.83856

#1	1.9275	.01431	.04857	1.8506	9.9593	.11916	.49201
#2	1.9700	.01440	.02828	1.8518	9.8659	.11659	.49461
#3	2.0082	.01438	.05487	1.8572	9.8144	.11781	.50014

Sample Name: K4141-17 Acquired: 8/5/2019 20:47:05 Type: Unk
Method: P4-ICP2(v3319) 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	.01315	4.115	-.13927	<.00000	<.00000
Stddev	.00083	.002	.00120	3.5247	4.2233
%RSD	6.2842	.0563	.86438	9.6201	941.45

#1	.01305	4.117	-.14041	-39.886	3.8059
#2	.01238	4.115	-.13938	-32.891	-.51172
#3	.01402	4.112	-.13801	-37.139	-4.6400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.3	27676.	1749.3	22.954	2187.1
Stddev	8.4	61.	10.5	1.406	6.4
%RSD	.37761	.22126	.60130	6.1275	.29145

#1	2215.5	27642.	1737.6	24.000	2183.9
#2	2211.6	27638.	1752.5	21.355	2182.9
#3	2227.7	27746.	1757.9	23.507	2194.4

Sample Name: K4141-18 Acquired: 8/5/2019 20:51:27 Type: Unk
Method: P4-ICP2(v3319) 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	k -.32144	k -.18197	k 192.62	-.67642	kF 13.524	36.198	12.036
Stddev	.01837	.00413	.51	.00299	.034	.299	.061
%RSD	5.7162	2.2692	.26548	.44147	.25502	.82557	.51072

#1	k -.31801	k -.18510	k 192.98	-.67306	k 13.536	35.855	12.028
#2	k -.30503	k -.17729	k 192.85	-.67878	k 13.552	36.401	12.101
#3	k -.34129	k -.18352	k 192.03	-.67743	k 13.486	36.338	11.979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10771	.21017	42.207	kF 291.47	k .48346	k 49.671	F 1190.5
Stddev	.00039	.00180	.491	3.01	.00023	.141	1.5
%RSD	.36401	.85462	1.1642	1.0315	.04784	.28287	.13005

#1	.10783	.21093	41.641	k 290.28	k .48336	k 49.604	1189.9
#2	.10727	.21146	42.520	k 289.25	k .48331	k 49.832	1189.4
#3	.10802	.20812	42.460	k 294.89	k .48373	k 49.575	1192.3

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.843	11.056	kF 539.37	k -.29303	82.197	^ *****	kF 36.347
Stddev	.067	.161	2.91	.00093	.388	-----	.173
%RSD	.62231	1.4583	.53954	.31799	.47164	-----	.47587

#1	10.919	11.235	k 541.55	k -.29329	82.174	^ -----	k 36.460
#2	10.792	11.010	k 540.49	k -.29200	82.596	^ -----	k 36.434
#3	10.816	10.922	k 536.07	k -.29380	81.822	^ -----	k 36.148

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.545	.24213	kF 52.298	kF 386.07	kF 59.677	k 3.2556	k 2.1159
Stddev	.464	.00038	.268	1.43	.066	.0143	.0102
%RSD	.51803	.15736	.51273	.37053	.11118	.43777	.48196

#1	89.105	.24191	k 52.000	k 386.87	k 59.662	k 3.2663	k 2.1069
#2	90.029	.24257	k 52.372	k 386.93	k 59.620	k 3.2610	k 2.1139
#3	89.501	.24190	k 52.521	k 384.42	k 59.750	k 3.2394	k 2.1270

Sample Name: K4141-18 Acquired: 8/5/2019 20:51:27 Type: Unk
Method: P4-ICP2(v3319) 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	.04495	kF 31.60	-.71880	<.00000	^ *****
Stddev	.00124	.09	.00507	.19000	----
%RSD	2.7665	.2857	.70555	.06495	----

#1	.04504	k 31.65	-.72300	-292.71	^ ----
#2	.04366	k 31.65	-.71317	-292.34	^ ----
#3	.04615	k 31.49	-.72025	-292.57	^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.7	24470.	1624.8	18.967	1201.9
Stddev	3.1	71.	10.0	.780	6.0
%RSD	.24621	.28996	.61656	4.1149	.50306

#1	1244.0	24416.	1634.0	18.225	1196.7
#2	1240.5	24550.	1626.4	19.781	1200.5
#3	1246.6	24442.	1614.1	18.896	1208.5

Sample Name: K4141-19 Acquired: 8/5/2019 20:56:05 Type: Unk
Method: P4-ICP2(v3319) 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	-.02293	-.01353	18.745	.01190	.34939	23.763	.90655
Stddev	.00315	.00242	.094	.00279	.00373	.159	.00645
%RSD	13.752	17.923	.50260	23.461	1.0664	.66848	.71172

#1	-.01982	-.01548	18.640	.00939	.34739	23.945	.90421
#2	-.02283	-.01430	18.775	.01139	.35369	23.649	.91384
#3	-.02613	-.01081	18.821	.01491	.34709	23.696	.90159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	-.00382	2.3533	F 57.956	.01068	1.5730	101.41
Stddev	.00005	.00009	.0452	.195	.00038	.0093	.20
%RSD	16.743	2.4551	1.9186	.33710	3.5132	.58863	.19769

#1	-.00026	-.00388	2.3595	58.168	.01033	1.5628	101.41
#2	-.00033	-.00371	2.3054	57.915	.01108	1.5756	101.21
#3	-.00024	-.00387	2.3951	57.784	.01065	1.5808	101.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24204	.88524	11.349	-.00167	13.007	.14180	1.1540
Stddev	.00093	.08744	.055	.00072	.026	.00071	.0057
%RSD	.38243	9.8780	.48569	42.957	.20197	.50215	.49085

#1	.24170	.97200	11.288	-.00184	12.994	.14259	1.1477
#2	.24134	.79713	11.365	-.00088	13.037	.14162	1.1557
#3	.24309	.88660	11.394	-.00228	12.990	.14120	1.1586

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.226	.00744	2.5439	F 26.555	5.8438	.16902	.43762
Stddev	.061	.00042	.0307	.218	.0081	.00085	.00160
%RSD	.54145	5.6369	1.2086	.82179	.13807	.50113	.36470

#1	11.276	.00778	2.5794	26.338	5.8457	.16976	.43647
#2	11.158	.00758	2.5262	26.774	5.8350	.16810	.43944
#3	11.242	.00697	2.5261	26.552	5.8508	.16920	.43695

Sample Name: K4141-19 Acquired: 8/5/2019 20:56:05 Type: Unk
Method: P4-ICP2(v3319) 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	.02292	1.451	-.07295	<.00000	20.954
Stddev	.00008	.006	.00046	2.5043	1.135
%RSD	.35419	.4369	.63688	72.364	5.4162

#1	.02297	1.444	-.07319	-3.4151	22.179
#2	.02283	1.453	-.07241	-5.9874	19.939
#3	.02297	1.456	-.07325	-.97950	20.745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.5	25573.	1614.5	23.244	2185.7
Stddev	8.3	36.	10.4	.609	8.5
%RSD	.42260	.14242	.64647	2.6191	.38919

#1	1977.1	25590.	1626.3	23.922	2195.1
#2	1963.1	25531.	1610.4	23.064	2178.6
#3	1962.4	25598.	1606.7	22.745	2183.4

Sample Name: K4141-20 Acquired: 8/5/2019 21:00:38 Type: Unk
Method: P4-ICP2(v3319) 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	.04217	-.00492	3.8028	.00303	.04845	2.7847	.70886	-.00003
Stddev	.00135	.00184	.0241	.00040	.00280	.0163	.00329	.00007
%RSD	3.2070	37.376	.63321	13.317	5.7753	.58477	.46397	268.13

#1	.04164	-.00496	3.8240	.00345	.05161	2.7853	.70682	-.00010
#2	.04371	-.00673	3.7766	.00298	.04626	2.8006	.71265	-.00002
#3	.04117	-.00306	3.8076	.00264	.04749	2.7681	.70710	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00447	3.6477	1.7977	.00967	103.30	36.864	.16288	.28772
Stddev	.00010	.0282	.0026	.00034	.83	.022	.00098	.07374
%RSD	2.2065	.77390	.14428	3.5367	.80601	.06005	.59870	25.629

#1	-.00437	3.6642	1.7966	.00968	104.10	36.889	.16401	.34923
#2	-.00456	3.6151	1.7959	.01001	102.44	36.847	.16227	.20598
#3	-.00447	3.6638	1.8007	.00933	103.38	36.855	.16237	.30796

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.411	.00020	6.3565	.01206	5.3869	23.980	.00906	.84241
Stddev	.196	.00050	.0320	.00066	.0360	.064	.00021	.01295
%RSD	.74231	246.98	.50347	5.4755	.66885	.26540	2.3653	1.5368

#1	26.580	-.00012	6.3350	.01199	5.4148	23.988	.00882	.85727
#2	26.196	-.00005	6.3933	.01275	5.3463	24.039	.00919	.83359
#3	26.457	.00078	6.3412	.01143	5.3997	23.913	.00918	.83637

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7408	3.1567	.27910	.37908	-.00405	1.992	-.00338	7.5481
Stddev	.0223	.0294	.00148	.00581	.00243	.005	.00019	3.3968
%RSD	.47025	.93061	.53133	1.5328	60.052	.2509	5.7407	45.002

#1	4.7335	3.1252	.27778	.37249	-.00315	1.995	-.00317	11.191
#2	4.7232	3.1833	.28070	.38130	-.00219	1.986	-.00355	4.4679
#3	4.7659	3.1617	.27881	.38346	-.00680	1.995	-.00344	6.9852

Sample Name: K4141-20 Acquired: 8/5/2019 21:00:38 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.9127
 Stddev 3.5400
 %RSD 51.210

#1 8.6438
 #2 2.8402
 #3 9.2539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.6	25826.	1628.8	22.955	2217.7
Stddev	17.2	129.	8.9	.754	18.4
%RSD	.84735	.49915	.54668	3.2841	.83179

#1	2017.7	25749.	1618.6	22.495	2205.1
#2	2050.9	25754.	1632.9	23.825	2238.9
#3	2026.3	25975.	1634.8	22.545	2209.1

Sample Name: K4090-01 Acquired: 8/5/2019 21:04:54 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01811	-.06830	.10589	.02951	.00722	145.66	.56861
Stddev	.00453	.00329	.00170	.00247	.00135	.91	.00248
%RSD	25.013	4.8234	1.6056	8.3860	18.760	.62671	.43655

#1	.02009	-.06560	.10785	.02910	.00743	145.21	.56796
#2	.02132	-.06732	.10508	.02726	.00577	145.05	.56652
#3	.01293	-.07197	.10476	.03216	.00846	146.71	.57136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	.00026	82.024	.17278	.16351	.71447	243.09
Stddev	.00014	.00038	.314	.00071	.00043	.00051	.60
%RSD	1.9572	145.11	.38287	.40957	.26541	.07191	.24612

#1	.00682	.00064	82.386	.17360	.16344	.71411	242.40
#2	.00709	-.00012	81.855	.17231	.16398	.71506	243.51
#3	.00702	.00027	81.831	.17245	.16313	.71424	243.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6883	93.682	.25104	-.01632	8.8371	.50961	.55646
Stddev	.0092	.723	.00047	.00019	.0298	.00233	.00126
%RSD	.24836	.77225	.18790	1.1498	.33743	.45787	.22665

#1	3.6983	93.702	.25134	-.01611	8.8363	.50991	.55634
#2	3.6803	92.948	.25129	-.01635	8.8076	.50714	.55777
#3	3.6861	94.395	.25050	-.01648	8.8673	.51178	.55526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.739	-.00013	.06343	7.2314	F 14.086	.01516	4.9864
Stddev	.060	.00063	.01672	.0227	.020	.00156	.0224
%RSD	.38131	493.43	26.367	.31358	.14418	10.278	.44838

#1	15.687	-.00071	.08203	7.2562	14.074	.01457	4.9945
#2	15.727	.00055	.04965	7.2263	14.109	.01398	4.9611
#3	15.805	-.00023	.05860	7.2117	14.075	.01693	5.0035

Sample Name: K4090-01 Acquired: 8/5/2019 21:04:54 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18463	F 11.86	-.01969	<.00000	F<.00000
Stddev	.00135	.01	.00079	3.8926	4.0808
%RSD	.73091	.1228	4.0296	3.9545	15.478

#1	.18590	11.87	-.01895	-94.279	-21.656
#2	.18322	11.87	-.02053	-99.026	-28.843
#3	.18478	11.84	-.01961	-102.00	-28.599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.2	29592.	1938.5	21.976	1985.4
Stddev	7.2	112.	10.5	.464	4.4
%RSD	.29051	.37811	.54071	2.1117	.22314

#1	2473.7	29468.	1926.8	21.506	1989.6
#2	2459.5	29686.	1941.6	21.988	1980.8
#3	2465.3	29622.	1947.1	22.434	1985.9

Sample Name: CCV09 Acquired: 8/5/2019 21:09:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15320 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2183	5.2067	5.2167	5.2670	5.2217	10.332	10.438
Stddev	.0176	.0166	.0012	.0178	.0052	.123	.064
%RSD	.33743	.31957	.02247	.33788	.09903	1.1896	.61764

#1	5.2089	5.1999	5.2179	5.2871	5.2274	10.191	10.370
#2	5.2074	5.2257	5.2156	5.2534	5.2206	10.394	10.446
#3	5.2386	5.1946	5.2164	5.2605	5.2172	10.412	10.498

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26401	2.5791	26.278	1.0337	2.5902	1.3148	5.3394
Stddev	.00119	.0067	.259	.0002	.0026	.0053	.0098
%RSD	.45253	.26088	.98544	.01983	.09960	.40333	.18332

#1	.26267	2.5845	25.997	1.0336	2.5925	1.3185	5.3284
#2	.26439	2.5812	26.330	1.0339	2.5907	1.3087	5.3470
#3	.26496	2.5716	26.507	1.0335	2.5874	1.3171	5.3429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6393	26.292	2.5828	1.3007	25.845	2.6150	2.5583
Stddev	.0016	.221	.0068	.0025	.175	.0083	.0063
%RSD	.06075	.84045	.26157	.19293	.67635	.31705	.24578

#1	2.6378	26.121	2.5883	1.2990	25.694	2.6088	2.5631
#2	2.6390	26.213	2.5849	1.3036	25.805	2.6119	2.5607
#3	2.6410	26.542	2.5753	1.2996	26.037	2.6244	2.5512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.815	5.2661	5.1462	5.2537	5.1776	5.1559	5.2103
Stddev	.163	.0103	.0804	.0395	.0118	.0141	.0348
%RSD	.63296	.19469	1.5614	.75160	.22704	.27378	.66761

#1	25.699	5.2777	5.0653	5.2894	5.1643	5.1673	5.1757
#2	25.743	5.2582	5.1472	5.2604	5.1865	5.1602	5.2099
#3	26.002	5.2624	5.2260	5.2113	5.1820	5.1401	5.2452

Sample Name: CCV09 Acquired: 8/5/2019 21:09:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15320 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1355	5.359	5.2639	F 28.723	F 2.4164
Stddev	.0120	.013	.0266	2.160	.5778
%RSD	.23262	.2418	.50440	7.5214	23.913

#1	5.1239	5.361	5.2374	30.636	1.9642
#2	5.1350	5.371	5.2640	29.153	3.0673
#3	5.1477	5.345	5.2905	26.380	2.2175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.5	24285.	1561.6	21.000	2034.9
Stddev	3.7	65.	3.8	.167	3.8
%RSD	.18376	.26571	.24311	.79693	.18792

#1	1998.0	24282.	1559.5	20.905	2031.4
#2	2005.3	24351.	1566.0	21.193	2034.4
#3	2001.0	24222.	1559.4	20.901	2039.0

Sample Name: CCB09 Acquired: 8/5/2019 21:13:19 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15320 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	-.00079	.00278	-.00076	.00027	-.00570	.00084
Stddev	.00204	.00113	.00058	.00289	.00151	.02617	.00070
%RSD	66.531	143.58	20.872	378.09	559.40	459.03	83.404

#1	.00072	-.00144	.00345	.00253	-.00135	.02086	.00102
#2	.00412	-.00144	.00241	-.00197	.00163	-.00651	.00007
#3	.00438	.00052	.00249	-.00286	.00053	-.03146	.00144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	-.01009	.00039	.00023	-.00024	.00580
Stddev	.00003	.00002	.01902	.00025	.00018	.00035	.00068
%RSD	194.87	70.680	188.50	64.595	78.355	149.09	11.714

#1	-.00000	-.00003	-.02968	.00013	.00013	-.00009	.00655
#2	-.00000	-.00004	.00831	.00062	.00012	.00002	.00524
#3	.00005	-.00001	-.00890	.00041	.00043	-.00064	.00560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.10025	.00084	-.00016	.02683	-.00044	.00297
Stddev	.00003	.11660	.00047	.00054	.01058	.00021	.00006
%RSD	28.564	116.31	55.151	339.40	39.416	47.976	1.9977

#1	-.00009	-.08293	.00137	-.00026	.03219	-.00060	.00303
#2	-.00014	.00672	.00069	.00042	.01465	-.00020	.00297
#3	-.00008	-.22454	.00047	-.00065	.03366	-.00053	.00291

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03082	.00106	F .03167	F .02690	.00570	-.00085	.00080
Stddev	.05309	.00025	.01596	.00207	.00041	.00013	.00190
%RSD	172.25	23.737	50.389	7.7048	7.2618	15.200	236.59

#1	.02168	.00134	.03153	.02458	.00603	-.00100	.00207
#2	-.02967	.00099	.04771	.02858	.00583	-.00079	.00172
#3	-.08447	.00085	.01579	.02755	.00523	-.00077	-.00138

Sample Name: CCB09 Acquired: 8/5/2019 21:13:19 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15320 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00398	-0.0010	-0.00000	F<.00000	F 3.7753
Stddev	.00260	.0010	.00021	4.0678	1.9631
%RSD	65.276	103.6	30159.	510.54	51.999
#1	-0.00263	-0.0020	.00021	-4.1532	1.5144
#2	-0.00233	-0.0009	.00000	-1.9643	5.0469
#3	-0.00698	-0.0000	-0.00021	3.7272	4.7647
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.2	25425.	1590.6	23.412	2261.5
Stddev	7.8	63.	20.8	1.662	9.8
%RSD	.37201	.24820	1.3096	7.0980	.43344
#1	2077.3	25366.	1567.8	21.595	2252.1
#2	2090.2	25491.	1608.6	23.785	2271.6
#3	2091.2	25419.	1595.4	24.855	2260.9

Sample Name: K4090-01DUP Acquired: 8/5/2019 21:17:48 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01277	-.06692	.10744	.03067	.00585	143.93	.55356
Stddev	.00452	.00120	.00157	.00340	.00301	.40	.00157
%RSD	35.413	1.7873	1.4617	11.091	51.421	.27748	.28442

#1	.01605	-.06706	.10611	.03457	.00378	143.48	.55187
#2	.00761	-.06805	.10704	.02915	.00930	144.22	.55383
#3	.01465	-.06567	.10917	.02829	.00447	144.10	.55499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	.00067	81.805	.16917	.16361	.74159	242.17
Stddev	.00025	.00007	.235	.00029	.00093	.00131	.25
%RSD	3.6375	9.9792	.28669	.17123	.56867	.17660	.10490

#1	.00686	.00072	81.803	.16951	.16342	.74126	241.99
#2	.00718	.00071	81.572	.16902	.16280	.74047	242.05
#3	.00668	.00060	82.041	.16899	.16463	.74303	242.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6924	93.079	.24969	-.01565	8.6937	.50456	.56335
Stddev	.0060	.944	.00047	.00069	.0430	.00335	.00293
%RSD	.16323	1.0137	.18992	4.4371	.49451	.66328	.51994

#1	3.6856	92.054	.24980	-.01490	8.6512	.50082	.56062
#2	3.6973	93.272	.25010	-.01627	8.6926	.50558	.56298
#3	3.6942	93.912	.24917	-.01578	8.7372	.50727	.56645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.570	.00035	.06162	7.3794	F 14.032	.01376	4.9263
Stddev	.051	.00030	.01711	.0211	.030	.00057	.0361
%RSD	.32999	87.682	27.762	.28539	.21517	4.1329	.73223

#1	15.547	.00042	.07822	7.4033	14.052	.01426	4.8883
#2	15.629	.00001	.04405	7.3635	13.998	.01387	4.9601
#3	15.535	.00061	.06258	7.3713	14.048	.01314	4.9305

Sample Name: K4090-01DUP Acquired: 8/5/2019 21:17:48 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18203	F 11.68	-.01902	<.00000	F<.00000
Stddev	.00095	.02	.00038	1.3562	1.6810
%RSD	.52257	.1648	1.9718	1.3544	6.0703

#1	.18113	11.69	-.01931	-98.814	-25.758
#2	.18303	11.66	-.01859	-101.52	-28.524
#3	.18193	11.68	-.01916	-100.06	-28.797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.9	30072.	1950.9	22.500	2005.8
Stddev	16.1	69.	4.0	1.054	12.2
%RSD	.65076	.22943	.20608	4.6837	.60904

#1	2496.3	30147.	1946.3	22.166	2018.4
#2	2482.3	30012.	1953.1	21.653	2004.8
#3	2464.2	30057.	1953.4	23.680	1994.0

Sample Name: K4090-01LX5 Acquired: 8/5/2019 21:22:14 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8452 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	-.01499	.01836	.01037	.00238	33.407	.12945	.00106
Stddev	.00508	.00222	.00180	.00147	.00172	.374	.00164	.00012
%RSD	59.964	14.828	9.8134	14.212	72.342	1.1206	1.2687	11.289

#1	.01295	-.01479	.02043	.00901	.00067	33.069	.12756	.00114
#2	.00296	-.01730	.01745	.01194	.00236	33.343	.13059	.00111
#3	.00949	-.01287	.01720	.01017	.00411	33.809	.13019	.00092

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	19.619	.04185	.03189	.17990	64.288	.88346	21.924
Stddev	.00019	.084	.00019	.00027	.00094	.605	.00243	.127
%RSD	9.5134	.42992	.45998	.84654	.52198	.94180	.27535	.58064

#1	-.00200	19.710	.04177	.03192	.17897	63.770	.88087	21.808
#2	-.00226	19.542	.04207	.03214	.18084	64.954	.88569	21.905
#3	-.00188	19.606	.04171	.03160	.17990	64.141	.88384	22.060

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04952	-.00347	2.0248	.12015	.10385	3.4706	-.00037	.04850
Stddev	.00037	.00048	.0450	.00059	.00037	.0959	.00037	.02118
%RSD	.74040	13.904	2.2242	.49292	.36092	2.7623	98.329	43.669

#1	.04985	-.00398	1.9773	.11959	.10428	3.3630	-.00062	.02438
#2	.04913	-.00342	2.0669	.12077	.10360	3.5017	.00005	.06403
#3	.04960	-.00301	2.0301	.12009	.10367	3.5470	-.00055	.05710

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4090	3.6943	.00106	1.1694	.03938	2.265	-.01180	<.00000
Stddev	.0031	.0335	.00080	.0076	.00119	.002	.00034	5.4704
%RSD	.22052	.90669	75.698	.64677	3.0234	.1011	2.8950	31.554

#1	1.4102	3.6754	.00140	1.1694	.04049	2.263	-.01157	-17.081
#2	1.4113	3.7329	.00014	1.1770	.03951	2.264	-.01220	-11.999
#3	1.4055	3.6745	.00163	1.1618	.03812	2.268	-.01165	-22.930

Sample Name: K4090-01LX5 Acquired: 8/5/2019 21:22:14 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8452 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1709
Stddev	.8086
%RSD	25.500

#1	2.9886
#2	2.4691
#3	4.0551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.6	26176.	1666.7	22.343	2166.0
Stddev	7.2	28.	19.4	1.441	6.8
%RSD	.33312	.10530	1.1654	6.4512	.31572

#1	2163.4	26172.	1644.3	21.595	2158.5
#2	2163.4	26150.	1676.2	24.005	2167.6
#3	2175.9	26205.	1679.5	21.430	2172.0

Sample Name: K4090-01MS Acquired: 8/5/2019 21:26:44 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60356	1.7929	1.0610	1.5012	.13289	152.11	.72113
Stddev	.00337	.0088	.0059	.0031	.00121	.86	.00262
%RSD	.55860	.49247	.55179	.20815	.91210	.56359	.36401

#1	.59984	1.7887	1.0572	1.5048	.13417	151.37	.71871
#2	.60641	1.8030	1.0677	1.4993	.13271	151.90	.72076
#3	.60443	1.7870	1.0581	1.4995	.13177	153.05	.72392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16391	.18466	81.251	.47240	.34147	.90575	231.03
Stddev	.00092	.00017	.378	.00082	.00108	.00128	.97
%RSD	.56339	.08980	.46549	.17445	.31587	.14126	.41987

#1	.16364	.18465	81.687	.47306	.34082	.90613	232.05
#2	.16316	.18483	81.062	.47148	.34272	.90432	230.91
#3	.16494	.18450	81.005	.47267	.34088	.90680	230.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7333	91.339	.71303	.04285	11.890	.70948	.69869
Stddev	.0034	.234	.00046	.00031	.044	.00237	.00156
%RSD	.09032	.25590	.06419	.71833	.37244	.33446	.22340

#1	3.7330	91.145	.71334	.04306	11.848	.71220	.69876
#2	3.7301	91.273	.71324	.04250	11.936	.70779	.70021
#3	3.7368	91.598	.71250	.04300	11.884	.70846	.69709

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.409	.29289	.27544	6.3962	F 14.055	.63584	5.7024
Stddev	.045	.00113	.01401	.0222	.052	.00236	.0117
%RSD	.18493	.38460	5.0856	.34705	.37079	.37041	.20562

#1	24.373	.29350	.26383	6.3784	14.111	.63662	5.7149
#2	24.459	.29159	.29100	6.4210	14.046	.63770	5.7007
#3	24.394	.29359	.27151	6.3891	14.008	.63319	5.6917

Sample Name: K4090-01MS Acquired: 8/5/2019 21:26:44 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34705	F 17.17	.16026	<.00000	F<.00000
Stddev	.00092	.05	.00118	2.6018	3.2195
%RSD	.26431	.2778	.73729	3.1592	13.182

#1	.34807	17.13	.15891	-79.699	-26.579
#2	.34630	17.22	.16107	-82.474	-20.722
#3	.34679	17.17	.16081	-84.899	-25.969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.8	29282.	1891.5	21.296	1975.8
Stddev	6.9	61.	10.0	.586	1.4
%RSD	.28317	.20997	.52746	2.7496	.07213

#1	2421.6	29241.	1880.0	21.585	1974.2
#2	2435.2	29353.	1897.5	21.681	1976.3
#3	2426.6	29252.	1897.1	20.622	1976.9

Sample Name: K4090-01MSD Acquired: 8/5/2019 21:31:07 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60435	1.7773	1.0544	1.4963	.13010	152.49	.72489
Stddev	.00153	.0012	.0010	.0040	.00258	.70	.00145
%RSD	.25252	.06703	.09508	.26910	1.9841	.46101	.20050

#1	.60574	1.7768	1.0541	1.4919	.13121	151.71	.72379
#2	.60459	1.7765	1.0536	1.4974	.13194	152.70	.72654
#3	.60271	1.7787	1.0555	1.4997	.12715	153.07	.72435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16303	.18447	82.002	.47370	.33959	.89508	230.52
Stddev	.00041	.00063	.812	.00057	.00041	.00228	.95
%RSD	.25158	.34204	.99080	.12036	.12119	.25526	.41175

#1	.16330	.18393	81.524	.47321	.33953	.89258	230.88
#2	.16256	.18517	81.542	.47357	.34003	.89560	229.44
#3	.16324	.18432	82.941	.47433	.33922	.89705	231.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7383	92.569	.71243	.04166	11.843	.71206	.69602
Stddev	.0049	.599	.00126	.00022	.052	.00530	.00462
%RSD	.13042	.64738	.17738	.53311	.44189	.74476	.66319

#1	3.7394	92.221	.71103	.04156	11.833	.71812	.69653
#2	3.7330	92.225	.71350	.04151	11.900	.70981	.70036
#3	3.7425	93.261	.71275	.04192	11.797	.70826	.69117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.645	.29108	.27379	6.6772	F 14.011	.63350	5.7813
Stddev	.077	.00096	.03031	.0231	.050	.00144	.0519
%RSD	.31414	.33014	11.070	.34551	.35647	.22762	.89776

#1	24.583	.29215	.29130	6.7028	14.033	.63295	5.7463
#2	24.732	.29029	.29128	6.6708	13.954	.63241	5.7566
#3	24.620	.29079	.23880	6.6580	14.047	.63513	5.8409

Sample Name: K4090-01MSD Acquired: 8/5/2019 21:31:07 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34796	F 17.23	.15836	<.00000	F<.00000
Stddev	.00470	.02	.00203	6.7183	5.6937
%RSD	1.3514	.1202	1.2801	7.6199	19.658

#1	.34553	17.25	.15920	-89.839	-24.723
#2	.34496	17.23	.15605	-93.893	-35.434
#3	.35338	17.21	.15984	-80.772	-26.731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.7	29459.	1902.7	21.726	1989.2
Stddev	11.8	67.	17.0	1.337	10.4
%RSD	.48281	.22821	.89294	6.1525	.52527

#1	2452.2	29382.	1904.0	21.957	1990.0
#2	2434.3	29491.	1919.0	22.931	1978.3
#3	2456.6	29504.	1885.1	20.288	1999.2

Sample Name: K4090-01A Acquired: 8/5/2019 21:35:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8452 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60403	1.7817	1.0549	1.5069	.13335	154.18	.73667
Stddev	.00369	.0034	.0027	.0012	.00449	1.05	.00634
%RSD	.61066	.19182	.25742	.07942	3.3685	.68198	.86130

#1	.60495	1.7824	1.0536	1.5055	.12832	152.97	.72942
#2	.60717	1.7847	1.0580	1.5078	.13474	154.87	.74121
#3	.59997	1.7780	1.0531	1.5074	.13698	154.70	.73938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16461	.18467	82.838	.47576	.34122	.89326	234.28
Stddev	.00028	.00048	.569	.00182	.00051	.00082	.58
%RSD	.17102	.26058	.68635	.38268	.15025	.09145	.24661

#1	.16449	.18453	82.501	.47425	.34066	.89277	234.10
#2	.16441	.18520	82.520	.47778	.34131	.89282	233.82
#3	.16493	.18427	83.495	.47526	.34167	.89421	234.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7701	94.275	.71614	.04235	11.981	.71496	.69586
Stddev	.0008	.673	.00089	.00118	.088	.00197	.00675
%RSD	.02072	.71420	.12392	2.7967	.73181	.27590	.97023

#1	3.7707	93.770	.71516	.04202	11.881	.71543	.68826
#2	3.7692	94.015	.71638	.04137	12.019	.71666	.70117
#3	3.7703	95.039	.71689	.04367	12.044	.71280	.69815

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.139	.29134	.30253	6.9156	F 14.190	.63536	5.8392
Stddev	.180	.00081	.02073	.0024	.040	.00086	.0415
%RSD	.71613	.27884	6.8534	.03438	.28535	.13530	.71143

#1	24.932	.29206	.27866	6.9130	14.179	.63548	5.8090
#2	25.263	.29150	.31602	6.9165	14.157	.63616	5.8222
#3	25.220	.29046	.31292	6.9175	14.235	.63445	5.8866

Sample Name: K4090-01A Acquired: 8/5/2019 21:35:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8452 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35130	F 17.41	.15794	<.00000	F<.00000
Stddev	.00238	.05	.00178	5.2587	4.2203
%RSD	.67804	.2877	1.1246	6.4116	15.979

#1	.34901	17.44	.15599	-79.048	-21.665
#2	.35113	17.45	.15946	-78.918	-27.826
#3	.35376	17.36	.15837	-88.091	-29.741

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.2	29026.	1883.4	21.758	1979.2
Stddev	20.0	53.	12.3	.579	16.1
%RSD	.82079	.18419	.65457	2.6617	.81508

#1	2463.3	28964.	1875.4	21.788	1997.6
#2	2429.3	29054.	1897.6	21.165	1967.4
#3	2428.0	29059.	1877.3	22.322	1972.7

Sample Name: K4090-03 Acquired: 8/5/2019 21:39:51 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03373	-.04969	.28216	.02836	.00558	142.09	.68462
Stddev	.00059	.00065	.00114	.00296	.00139	.79	.00423
%RSD	1.7555	1.3043	.40512	10.426	24.908	.55302	.61812

#1	.03417	-.04949	.28213	.03087	.00544	141.24	.68000
#2	.03397	-.04918	.28331	.02912	.00427	142.26	.68830
#3	.03306	-.05042	.28103	.02510	.00704	142.78	.68557

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	.00110	24.675	.14065	.12111	.40250	187.36
Stddev	.00010	.00027	.147	.00199	.00028	.00065	.95
%RSD	1.0291	24.407	.59438	1.4151	.23427	.16245	.50596

#1	.00920	.00091	24.844	.13981	.12134	.40321	188.42
#2	.00936	.00141	24.583	.14293	.12121	.40238	186.59
#3	.00920	.00098	24.597	.13923	.12079	.40192	187.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2890	41.456	.19917	-.01056	7.0791	.31031	.56162
Stddev	.0406	.271	.00092	.00059	.0924	.00149	.00353
%RSD	.76798	.65365	.46144	5.5746	1.3051	.47907	.62811

#1	5.2937	41.157	.20021	-.01075	6.9725	.31112	.56260
#2	5.2462	41.528	.19884	-.01102	7.1348	.31122	.55771
#3	5.3270	41.684	.19846	-.00990	7.1301	.30860	.56455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5163	.00036	.02667	1.6034	F 10.959	.01844	3.2491
Stddev	.0899	.00027	.01703	.0070	.086	.00157	.0109
%RSD	.94466	75.623	63.870	.43852	.78769	8.5127	.33555

#1	9.4411	.00005	.04632	1.5953	11.057	.01972	3.2552
#2	9.4918	.00046	.01755	1.6069	10.897	.01669	3.2366
#3	9.6158	.00056	.01614	1.6079	10.923	.01891	3.2557

Sample Name: K4090-03 Acquired: 8/5/2019 21:39:51 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12357	9.676	-.10217	<.00000	F<.00000
Stddev	.00164	.012	.00085	4.7954	4.4078
%RSD	1.3250	.1278	.83023	3.3130	20.833

#1	.12193	9.665	-.10308	-140.41	-16.080
#2	.12356	9.689	-.10202	-143.93	-23.390
#3	.12521	9.672	-.10141	-149.89	-24.003

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.3	32842.	2138.5	23.159	2084.3
Stddev	21.2	104.	30.9	.588	15.6
%RSD	.76927	.31567	1.4454	2.5394	.74674

#1	2741.8	32780.	2104.2	22.480	2077.5
#2	2781.5	32961.	2164.1	23.492	2102.1
#3	2748.7	32783.	2147.2	23.505	2073.4

Sample Name: K4095-01 Acquired: 8/5/2019 21:44:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02351	-.05100	.13910	.02346	.00532	65.953	.33757
Stddev	.00071	.00232	.00064	.00264	.00150	.790	.00456
%RSD	3.0149	4.5561	.46064	11.269	28.279	1.1983	1.3498

#1	.02357	-.04892	.13888	.02116	.00449	65.326	.33447
#2	.02419	-.05351	.13982	.02286	.00441	65.691	.33544
#3	.02277	-.05057	.13860	.02634	.00705	66.840	.34280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	.00332	53.602	.08741	.11381	.37642	182.71
Stddev	.00013	.00023	.149	.00088	.00027	.00032	1.59
%RSD	2.1145	6.8970	.27865	1.0010	.23677	.08564	.86769

#1	.00578	.00351	53.681	.08772	.11350	.37659	181.06
#2	.00599	.00307	53.695	.08809	.11399	.37663	184.22
#3	.00600	.00338	53.430	.08643	.11394	.37605	182.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0365	37.837	.13812	-.01152	3.1263	.24124	.53520
Stddev	.0029	.516	.00036	.00083	.0299	.00057	.00082
%RSD	.09388	1.3634	.26186	7.2290	.95591	.23789	.15276

#1	3.0341	37.420	.13778	-.01167	3.1055	.24164	.53609
#2	3.0358	37.676	.13850	-.01062	3.1130	.24058	.53504
#3	3.0397	38.414	.13809	-.01227	3.1606	.24150	.53448

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6939	.00331	.09585	2.7165	F 10.362	.01366	3.2115
Stddev	.1102	.00039	.01428	.0043	.078	.00118	.0235
%RSD	1.4324	11.718	14.896	.15908	.75207	8.6115	.73052

#1	7.5711	.00287	.11176	2.7213	10.294	.01388	3.1845
#2	7.7264	.00353	.09162	2.7152	10.447	.01471	3.2240
#3	7.7843	.00355	.08416	2.7130	10.346	.01239	3.2261

Sample Name: K4095-01 Acquired: 8/5/2019 21:44:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07221	F 10.09	-.11295	<.00000	F<.00000
Stddev	.00309	.02	.00117	3.2300	1.7529
%RSD	4.2802	.2206	1.0360	1.7608	8.1732

#1	.07103	10.11	-.11197	-181.60	-21.527
#2	.07571	10.08	-.11424	-187.17	-23.158
#3	.06988	10.07	-.11264	-181.56	-19.655

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.8	35821.	2308.4	22.787	2070.4
Stddev	3.7	31.	25.9	1.612	2.4
%RSD	.12674	.08790	1.1234	7.0745	.11703

#1	2950.9	35839.	2294.1	21.473	2068.2
#2	2950.4	35840.	2292.7	24.586	2070.0
#3	2957.1	35785.	2338.3	22.301	2073.0

Sample Name: K4095-03 Acquired: 8/5/2019 21:48:52 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02669	-.08060	.18824	.03476	.00827	139.26	.49585
Stddev	.00221	.00297	.00270	.00279	.00051	.77	.00240
%RSD	8.2769	3.6882	1.4343	8.0353	6.1661	.55440	.48348

#1	.02705	-.08252	.19131	.03576	.00885	139.21	.49424
#2	.02433	-.07717	.18714	.03160	.00791	140.06	.49861
#3	.02870	-.08210	.18625	.03691	.00805	138.52	.49471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00915	.00254	39.227	.20903	.19057	.60527	258.95
Stddev	.00007	.00012	.195	.00117	.00031	.00030	1.70
%RSD	.76185	4.6765	.49588	.56129	.16482	.05004	.65629

#1	.00919	.00263	39.440	.20972	.19092	.60553	260.39
#2	.00907	.00241	39.182	.20969	.19046	.60535	259.38
#3	.00920	.00259	39.058	.20767	.19032	.60494	257.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1872	46.210	.23747	-.01706	9.2324	.65560	.65930
Stddev	.0119	.321	.00159	.00050	.0657	.00284	.00152
%RSD	.22914	.69383	.66936	2.9403	.71195	.43385	.23125

#1	5.2002	46.139	.23675	-.01744	9.1566	.65738	.65934
#2	5.1770	46.561	.23929	-.01725	9.2678	.65709	.65775
#3	5.1843	45.931	.23636	-.01649	9.2728	.65232	.66080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5382	.00103	.08513	2.0859	F 14.177	.02001	5.7610
Stddev	.0826	.00021	.02107	.0081	.089	.00164	.0263
%RSD	1.2635	20.669	24.746	.38687	.62814	8.2160	.45626

#1	6.4739	.00128	.10927	2.0952	14.247	.02091	5.7511
#2	6.6314	.00091	.07566	2.0818	14.207	.02100	5.7410
#3	6.5094	.00091	.07047	2.0807	14.077	.01811	5.7908

Sample Name: K4095-03 Acquired: 8/5/2019 21:48:52 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10511	6.511	-.13402	<.00000	F<.00000
Stddev	.00089	.012	.00205	3.8883	3.5585
%RSD	.84541	.1831	1.5316	2.7184	9.7530

#1	.10613	6.525	-.13599	-141.54	-36.142
#2	.10455	6.504	-.13416	-147.45	-33.112
#3	.10464	6.504	-.13190	-140.12	-40.204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.8	32063.	2088.5	22.224	2058.3
Stddev	6.8	213.	21.3	1.554	4.7
%RSD	.25199	.66537	1.0189	6.9921	.23075

#1	2682.1	31932.	2067.5	20.437	2063.4
#2	2683.3	31947.	2088.0	23.260	2057.7
#3	2671.1	32309.	2110.0	22.975	2054.0

Sample Name: K4141-21 Acquired: 8/5/2019 21:53:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS014-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01659	-.00613	1.8214	.00504	.04241	1.3692	.12004	-.00003
Stddev	.00219	.00128	.0057	.00133	.00133	.0380	.00055	.00006
%RSD	13.199	20.838	.31119	26.362	3.1252	2.7731	.45992	181.52

#1	.01821	-.00740	1.8241	.00400	.04175	1.3253	.12047	-.00010
#2	.01410	-.00485	1.8252	.00458	.04155	1.3926	.11942	-.00000
#3	.01747	-.00614	1.8149	.00653	.04394	1.3896	.12024	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	.97293	.27692	.00169	11.235	8.0484	.03194	.12658
Stddev	.00004	.03403	.00220	.00039	.083	.0134	.00007	.02199
%RSD	3.6404	3.4979	.79409	22.960	.74270	.16669	.22104	17.372

#1	-.00118	.98490	.27750	.00214	11.272	8.0548	.03195	.11716
#2	-.00112	.93453	.27449	.00149	11.140	8.0330	.03186	.11086
#3	-.00111	.99936	.27877	.00145	11.293	8.0575	.03199	.15171

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4528	.00233	1.8750	.00346	.76772	6.4733	.00296	.40978
Stddev	.0281	.00074	.0143	.00042	.00533	.0306	.00030	.02178
%RSD	.51481	31.982	.76430	12.096	.69475	.47255	10.152	5.3154

#1	5.4677	.00197	1.8724	.00361	.77028	6.5070	.00276	.38470
#2	5.4204	.00318	1.8621	.00299	.76159	6.4474	.00331	.42389
#3	5.4702	.00183	1.8904	.00378	.77129	6.4654	.00282	.42076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4042	1.7821	.06601	.36006	-.00625	.5529	.00054	<.00000
Stddev	.0010	.0298	.00014	.00729	.00155	.0030	.00016	5.3870
%RSD	.07381	1.6729	.20498	2.0258	24.749	.5469	29.948	88.548

#1	1.4039	1.8154	.06616	.36365	-.00451	.5564	.00064	-1.7811
#2	1.4053	1.7579	.06591	.36485	-.00748	.5510	.00035	-4.3444
#3	1.4033	1.7731	.06596	.35166	-.00674	.5514	.00062	-12.125

Sample Name: K4141-21 Acquired: 8/5/2019 21:53:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-SS014-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.4704
Stddev 3.1961
%RSD 49.395

#1 3.3088
#2 6.4026
#3 9.6999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.9	26282.	1643.8	23.680	2322.9
Stddev	16.5	94.	10.2	.348	15.1
%RSD	.76802	.35851	.62083	1.4708	.64937

#1	2140.0	26288.	1640.3	23.790	2316.5
#2	2166.9	26185.	1635.8	23.290	2340.2
#3	2136.9	26373.	1655.3	23.960	2312.2

Sample Name: K4141-22 Acquired: 8/5/2019 21:57:40 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP2-182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03080	-.01195	1.2187	.00328	.04146	10.878	2.5624
Stddev	.00257	.00146	.0029	.00277	.00953	.037	.0096
%RSD	8.3613	12.230	.23495	84.624	22.985	.33693	.37340

#1	-.03315	-.01166	1.2182	.00071	.03539	10.840	2.5547
#2	-.02805	-.01354	1.2161	.00290	.03654	10.881	2.5731
#3	-.03118	-.01066	1.2217	.00622	.05244	10.913	2.5595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.03638	1.9642	F 64.523	.02521	91.191	12.199
Stddev	.00008	.00010	.0482	.446	.00013	.823	.014
%RSD	15.969	.28501	2.4559	.69178	.49719	.90292	.11787

#1	.00056	.03627	1.9459	64.995	.02522	91.492	12.214
#2	.00043	.03642	1.9277	64.467	.02533	91.823	12.186
#3	.00059	.03647	2.0189	64.108	.02508	90.260	12.198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01854	.10261	14.965	.00163	.26634	.05761	3.2165
Stddev	.00018	.13752	.105	.00059	.01317	.00191	.0190
%RSD	.95127	134.01	.70389	36.401	4.9462	3.3164	.59078

#1	.01874	.02768	15.012	.00231	.27546	.05883	3.2241
#2	.01844	.01884	15.039	.00138	.27233	.05859	3.2305
#3	.01843	.26132	14.844	.00120	.25124	.05541	3.1948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14312	.00375	.03644	7.6573	3.0508	.00561	.16490
Stddev	.04959	.00067	.01819	.0237	.0440	.00164	.00565
%RSD	34.649	17.942	49.930	.30994	1.4404	29.252	3.4289

#1	.10309	.00305	.04097	7.6494	3.0806	.00547	.16415
#2	.12768	.00440	.05193	7.6840	3.0004	.00404	.15965
#3	.19860	.00381	.01641	7.6385	3.0715	.00732	.17089

Sample Name: K4141-22 Acquired: 8/5/2019 21:57:40 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: P001-TP2-182 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00498	2.879	.01098	6.9106	22.932
Stddev	.00039	.008	.00017	3.2137	2.159
%RSD	7.7629	.2623	1.5387	46.504	9.4147

#1	-.00477	2.888	.01094	3.4874	20.460
#2	-.00474	2.874	.01083	7.3816	24.449
#3	-.00543	2.875	.01116	9.8628	23.887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.7	26213.	1650.3	24.373	2250.0
Stddev	16.2	140.	6.0	.416	13.5
%RSD	.84008	.53458	.36659	1.7048	.60004

#1	1914.9	26101.	1643.4	24.596	2242.4
#2	1911.8	26167.	1654.8	23.894	2242.0
#3	1941.2	26370.	1652.7	24.631	2265.6

Sample Name: CCV10 Acquired: 8/5/2019 22:02:02 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15321 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2160	5.2199	5.2107	5.2658	5.2107	10.257	10.449
Stddev	.0074	.0167	.0063	.0200	.0154	.011	.061
%RSD	.14117	.32069	.12023	.37906	.29556	.10239	.58501

#1	5.2076	5.2103	5.2057	5.2431	5.1935	10.269	10.397
#2	5.2194	5.2102	5.2087	5.2743	5.2232	10.251	10.432
#3	5.2211	5.2392	5.2177	5.2802	5.2153	10.250	10.516

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26265	2.5684	26.280	1.0198	2.5947	1.3096	5.2739
Stddev	.00055	.0050	.206	.0013	.0032	.0026	.0012
%RSD	.21032	.19371	.78407	.12249	.12448	.19623	.02250

#1	.26267	2.5627	26.063	1.0195	2.5929	1.3068	5.2752
#2	.26210	2.5709	26.305	1.0211	2.5927	1.3119	5.2737
#3	.26320	2.5717	26.473	1.0187	2.5984	1.3100	5.2729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6289	26.300	2.5674	1.2910	25.817	2.5931	2.5500
Stddev	.0018	.233	.0084	.0018	.176	.0013	.0050
%RSD	.06700	.88442	.32814	.14258	.68323	.04816	.19694

#1	2.6272	26.060	2.5592	1.2909	25.670	2.5924	2.5457
#2	2.6288	26.316	2.5670	1.2892	25.769	2.5946	2.5487
#3	2.6307	26.525	2.5760	1.2929	26.013	2.5925	2.5555

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.425	5.2573	5.0494	5.2107	5.0914	5.1575	5.1824
Stddev	.111	.0094	.0013	.0121	.0466	.0063	.0429
%RSD	.43730	.17791	.02498	.23175	.91591	.12261	.82696

#1	25.371	5.2465	5.0491	5.2245	5.0558	5.1505	5.1459
#2	25.553	5.2637	5.0484	5.2021	5.0742	5.1591	5.1719
#3	25.351	5.2616	5.0508	5.2054	5.1441	5.1628	5.2296

Sample Name: CCV10 Acquired: 8/5/2019 22:02:02 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15321 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9789	5.352	5.2260	F 34.361	4.5996
Stddev	.0312	.019	.0503	4.600	3.3494
%RSD	.62612	.3551	.96241	13.386	72.819

#1	4.9619	5.343	5.1979	39.523	8.4529
#2	4.9599	5.340	5.1961	32.863	2.9610
#3	5.0148	5.374	5.2841	30.697	2.3850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.5	24813.	1603.4	22.899	2063.5
Stddev	.7	40.	7.5	.457	1.7
%RSD	.03555	.16234	.46861	1.9975	.08408

#1	2029.6	24766.	1604.3	23.312	2062.4
#2	2030.2	24836.	1610.5	22.977	2065.5
#3	2028.8	24836.	1595.5	22.407	2062.7

Sample Name: CCB10 Acquired: 8/5/2019 22:06:01 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15321 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00255	-.00047	.00309	.00191	-.01303	.00153
Stddev	.00456	.00168	.00017	.00535	.00081	.01162	.00049
%RSD	591.72	65.988	36.326	173.30	42.575	89.193	31.680

#1	.00540	-.00069	-.00051	.00926	.00285	-.01655	.00192
#2	-.00372	-.00301	-.00028	.00005	.00146	-.02248	.00099
#3	.00063	-.00396	-.00061	-.00006	.00142	-.00005	.00170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	-.01203	.00043	.00016	-.00056	.00151
Stddev	.00002	.00003	.01490	.00016	.00018	.00033	.00076
%RSD	51.959	46.363	123.83	36.906	112.37	58.935	50.672

#1	.00006	.00009	-.00909	.00062	-.00002	-.00027	.00216
#2	.00005	.00004	.00118	.00034	.00033	-.00048	.00067
#3	.00002	.00004	-.02819	.00034	.00015	-.00091	.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.05209	.00043	.00007	.00869	.00008	.00101
Stddev	.00013	.07670	.00060	.00032	.00562	.00036	.00007
%RSD	137.49	147.25	139.78	449.38	64.657	445.75	7.2511

#1	-.00022	.00767	.00048	-.00030	.00376	.00014	.00107
#2	-.00008	-.02535	.00099	.00028	.01481	-.00030	.00105
#3	.00003	-.13858	-.00020	.00023	.00751	.00041	.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01208	.00137	.00940	F .00502	.00199	-.00144	.00065
Stddev	.01117	.00020	.00507	.00275	.00334	.00035	.00164
%RSD	92.478	14.634	53.958	54.801	167.70	24.415	252.27

#1	-.02461	.00124	.01516	.00579	.00363	-.00114	.00130
#2	-.00316	.00126	.00565	.00731	-.00185	-.00135	-.00121
#3	-.00846	.00160	.00738	.00197	.00420	-.00182	.00186

Sample Name: CCB10 Acquired: 8/5/2019 22:06:01 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15321 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	-.0018	.00000	F 6.6065	F 4.4038
Stddev	.00334	.0022	.00008	1.4407	.3954
%RSD	77.188	120.4	2731.1	21.807	8.9784

#1	-.00226	.0007	.00002	7.9041	4.2670
#2	-.00253	-.0032	.00007	6.8594	4.0951
#3	-.00817	-.0029	-.00008	5.0561	4.8495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.0	25845.	1608.6	22.808	2285.6
Stddev	2.2	47.	15.3	1.380	2.3
%RSD	.10317	.18196	.95223	6.0520	.10175

#1	2112.0	25891.	1591.3	21.410	2287.7
#2	2115.6	25848.	1614.1	24.170	2283.1
#3	2111.6	25797.	1620.4	22.845	2286.0

Sample Name: K4153-01 Acquired: 8/5/2019 22:10:31 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT-4221 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09739	-.02264	.07509	.04305	.01167	109.96	.27395
Stddev	.00215	.00170	.00051	.00472	.00097	.57	.00160
%RSD	2.2072	7.4890	.68055	10.976	8.3458	.51587	.58510

#1	.09704	-.02081	.07483	.04632	.01093	109.57	.27389
#2	.09969	-.02294	.07568	.04519	.01131	110.61	.27558
#3	.09543	-.02416	.07476	.03763	.01278	109.71	.27238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01364	-.00313	4.1014	.40898	.02612	.39758	309.59
Stddev	.00023	.00018	.0171	.00092	.00038	.00145	1.58
%RSD	1.6700	5.6157	.41663	.22438	1.4539	.36592	.50901

#1	.01383	-.00316	4.1095	.40876	.02595	.39800	308.19
#2	.01339	-.00328	4.0818	.40999	.02586	.39596	311.29
#3	.01369	-.00294	4.1129	.40819	.02656	.39878	309.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58592	9.8084	.04585	-.01952	.73883	.41447	.36932
Stddev	.00029	.0234	.00101	.00076	.01653	.00225	.00072
%RSD	.04961	.23877	2.2082	3.8762	2.2372	.54194	.19510

#1	.58596	9.8177	.04482	-.01949	.72479	.41462	.36876
#2	.58620	9.8257	.04685	-.02029	.75705	.41664	.36908
#3	.58562	9.7817	.04589	-.01877	.73466	.41215	.37013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.427	-.00034	.08226	1.3070	F 18.633	.01117	.79991
Stddev	.018	.00055	.01750	.0031	.052	.00168	.00489
%RSD	.11442	164.20	21.270	.23604	.27852	15.048	.61173

#1	15.446	-.00086	.09914	1.3052	18.588	.01310	.79701
#2	15.425	-.00038	.08343	1.3105	18.690	.01036	.79716
#3	15.411	.00023	.06421	1.3052	18.622	.01005	.80556

Sample Name: K4153-01 Acquired: 8/5/2019 22:10:31 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT-4221 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04507	6.700	-.29733	<.00000	F<.00000
Stddev	.00303	.030	.00165	5.9421	4.8331
%RSD	6.7142	.4487	.55505	6.4544	13.466

#1	.04749	6.667	-.29585	-88.139	-37.144
#2	.04168	6.725	-.29911	-98.900	-30.556
#3	.04604	6.708	-.29704	-89.152	-39.976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.9	28571.	1846.6	23.103	2102.7
Stddev	11.9	102.	9.6	1.828	14.3
%RSD	.49774	.35791	.51816	7.9137	.67849

#1	2386.2	28610.	1838.1	21.112	2100.1
#2	2382.1	28455.	1857.0	24.706	2090.0
#3	2404.4	28648.	1844.9	23.491	2118.1

Sample Name: K4156-01 Acquired: 8/5/2019 22:14:56 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT1494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05029	-.03542	.68043	.02550	.01150	213.49	.83081
Stddev	.00282	.00154	.00300	.00263	.00089	1.20	.00649
%RSD	5.6036	4.3417	.44096	10.309	7.7748	.56354	.78068

#1	.05350	-.03578	.67798	.02314	.01052	212.16	.82405
#2	.04823	-.03674	.67953	.02503	.01173	213.81	.83141
#3	.04913	-.03373	.68377	.02833	.01226	214.50	.83698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00732	-.00074	12.413	.15344	.09602	.36493	169.16
Stddev	.00033	.00029	.070	.00057	.00041	.00160	1.36
%RSD	4.4817	39.381	.56590	.37210	.42255	.43739	.80661

#1	.00719	-.00107	12.455	.15409	.09561	.36313	170.72
#2	.00769	-.00064	12.332	.15300	.09642	.36549	168.55
#3	.00708	-.00051	12.451	.15324	.09603	.36616	168.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7810	12.998	.12452	-.00936	2.8284	.37767	.87338
Stddev	.0025	.234	.00025	.00048	.0215	.00230	.00519
%RSD	.13978	1.8022	.19698	5.1576	.75883	.60971	.59459

#1	1.7838	12.739	.12480	-.00924	2.8065	.38032	.87319
#2	1.7798	13.057	.12434	-.00990	2.8494	.37611	.86829
#3	1.7793	13.196	.12442	-.00896	2.8293	.37658	.87867

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5019	.00154	.04372	1.4840	F 10.387	.02532	1.9335
Stddev	.0609	.00032	.01635	.0069	.107	.00123	.0010
%RSD	1.3518	20.667	37.391	.46568	1.0317	4.8503	.05230

#1	4.4419	.00141	.04000	1.4781	10.509	.02635	1.9345
#2	4.5001	.00131	.02955	1.4823	10.346	.02566	1.9336
#3	4.5636	.00191	.06160	1.4916	10.307	.02396	1.9324

Sample Name: K4156-01 Acquired: 8/5/2019 22:14:56 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT1494 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05898	2.957	-.10110	<.00000	F<.00000
Stddev	.00138	.003	.00185	1.2071	4.3033
%RSD	2.3329	.0831	1.8267	1.3131	35.498

#1	.05761	2.960	-.10309	-92.114	-7.1574
#2	.06036	2.955	-.10077	-93.029	-14.773
#3	.05898	2.956	-.09944	-90.636	-14.438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.9	30251.	1952.7	23.325	2121.8
Stddev	11.6	57.	18.1	1.444	10.3
%RSD	.45701	.18706	.92758	6.1891	.48592

#1	2537.3	30186.	1932.1	21.702	2124.3
#2	2535.9	30285.	1966.0	23.809	2130.7
#3	2516.6	30282.	1960.1	24.465	2110.5

Sample Name: K4156-04 Acquired: 8/5/2019 22:19:28 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT1873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05342	-.03415	.36845	.02004	.00559	244.23	.57826
Stddev	.00212	.00354	.00173	.00167	.00291	1.33	.00495
%RSD	3.9672	10.354	.46895	8.3322	52.005	.54255	.85518

#1	.05128	-.03074	.36683	.01815	.00659	242.96	.57298
#2	.05552	-.03780	.37027	.02132	.00787	244.13	.57901
#3	.05346	-.03391	.36826	.02066	.00232	245.61	.58279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	-.00018	6.5868	.17682	.09356	.30926	164.51
Stddev	.00017	.00006	.0408	.00070	.00066	.00067	.57
%RSD	2.5289	34.672	.61887	.39621	.70248	.21554	.34908

#1	.00691	-.00011	6.6209	.17668	.09286	.30938	164.79
#2	.00657	-.00022	6.5416	.17758	.09417	.30854	163.85
#3	.00679	-.00021	6.5977	.17619	.09365	.30986	164.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2676	6.3019	.12245	-.00910	3.7085	.37316	.76494
Stddev	.0022	.0774	.00028	.00025	.0415	.00289	.00334
%RSD	.17201	1.2288	.22710	2.7408	1.1182	.77500	.43648

#1	1.2651	6.2749	.12236	-.00881	3.6748	.37644	.76595
#2	1.2691	6.2415	.12222	-.00922	3.6959	.37098	.76767
#3	1.2685	6.3892	.12276	-.00926	3.7549	.37206	.76122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0404	.00774	.02988	1.1033	F 10.048	.01693	1.2647
Stddev	.0698	.00066	.01907	.0017	.052	.00129	.0043
%RSD	1.7282	8.4695	63.818	.15098	.51523	7.6099	.33823

#1	3.9774	.00731	.04734	1.1018	10.107	.01555	1.2604
#2	4.0281	.00849	.03275	1.1030	10.019	.01810	1.2649
#3	4.1155	.00741	.00953	1.1051	10.017	.01715	1.2689

Sample Name: K4156-04 Acquired: 8/5/2019 22:19:28 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT1873 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04022	2.647	-.12879	<.00000	F<.00000
Stddev	.00117	.008	.00039	7.8100	1.6397
%RSD	2.9172	.2873	.30219	6.3645	10.226

#1	.03927	2.645	-.12910	-131.59	-14.954
#2	.03985	2.655	-.12835	-119.66	-15.228
#3	.04153	2.640	-.12891	-116.88	-17.921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.9	32007.	2078.6	23.497	2125.9
Stddev	8.5	62.	23.2	.996	7.2
%RSD	.31921	.19408	1.1166	4.2373	.33823

#1	2668.7	31999.	2053.6	23.772	2123.6
#2	2665.4	32073.	2082.8	22.393	2120.1
#3	2681.6	31950.	2099.4	24.326	2133.9

Sample Name: K4156-07 Acquired: 8/5/2019 22:24:00 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT3380 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04820	-.01744	.23971	.02526	.00647	142.56	.65363
Stddev	.00154	.00099	.00123	.00414	.00079	.78	.00560
%RSD	3.2030	5.6831	.51317	16.384	12.196	.54413	.85741

#1	.04825	-.01689	.23921	.02947	.00707	141.77	.64772
#2	.04972	-.01684	.23880	.02512	.00677	142.60	.65430
#3	.04664	-.01858	.24111	.02120	.00558	143.32	.65887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00482	-.00200	7.4005	.10532	.06624	.25802	152.90
Stddev	.00006	.00005	.0275	.00093	.00071	.00124	.11
%RSD	1.2626	2.3593	.37180	.88035	1.0780	.48026	.07494

#1	.00488	-.00196	7.3694	.10573	.06578	.25940	152.99
#2	.00483	-.00205	7.4104	.10426	.06587	.25766	152.94
#3	.00476	-.00199	7.4217	.10598	.06706	.25700	152.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4738	13.715	.10323	-.00748	15.123	.19317	.57949
Stddev	.0020	.330	.00024	.00002	.135	.00166	.00146
%RSD	.13584	2.4025	.23075	.31129	.88986	.86106	.25229

#1	1.4726	13.336	.10298	-.00748	14.978	.19415	.57832
#2	1.4761	13.873	.10346	-.00750	15.146	.19411	.58113
#3	1.4726	13.936	.10325	-.00745	15.244	.19125	.57901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2489	.00094	.01573	1.2799	9.2428	.00828	.80788
Stddev	.0872	.00034	.00579	.0022	.0364	.00134	.00688
%RSD	2.0526	35.703	36.810	.17385	.39417	16.195	.85172

#1	4.1498	.00099	.02112	1.2781	9.2830	.00917	.80274
#2	4.3139	.00058	.00961	1.2824	9.2338	.00674	.81570
#3	4.2830	.00124	.01646	1.2793	9.2118	.00894	.80521

Sample Name: K4156-07 Acquired: 8/5/2019 22:24:00 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT3380 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07795	3.196	-.11389	<.00000	F<.00000
Stddev	.00121	.005	.00037	5.8931	3.2018
%RSD	1.5546	.1703	.32142	9.2774	50.355

#1	.07932	3.191	-.11380	-70.266	-5.1675
#2	.07705	3.202	-.11429	-59.369	-9.9851
#3	.07746	3.196	-.11358	-60.929	-3.9228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.8	28642.	1834.8	22.319	2152.3
Stddev	5.6	44.	24.2	.765	2.1
%RSD	.23405	.15377	1.3183	3.4268	.09974

#1	2369.8	28617.	1807.0	21.591	2152.0
#2	2367.6	28692.	1851.1	22.249	2150.3
#3	2378.1	28615.	1846.4	23.116	2154.6

Sample Name: K4156-10 Acquired: 8/5/2019 22:28:35 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT3456 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09318	-.06040	.13909	.03894	.01541	377.62	.76075
Stddev	.00229	.00035	.00144	.00340	.00350	1.21	.00010
%RSD	2.4542	.58083	1.0334	8.7315	22.716	.31985	.01318

#1	.09080	-.06022	.13929	.03962	.01940	376.46	.76072
#2	.09536	-.06018	.13757	.04195	.01282	377.52	.76086
#3	.09337	-.06080	.14042	.03525	.01402	378.87	.76066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02114	.01018	7.0813	.45204	.07760	.64871	439.42
Stddev	.00041	.00059	.0565	.00101	.00005	.00111	2.23
%RSD	1.9377	5.7846	.79720	.22258	.06016	.17106	.50809

#1	.02126	.01040	7.0707	.45238	.07755	.64762	437.38
#2	.02147	.00951	7.1423	.45091	.07759	.64984	441.81
#3	.02068	.01063	7.0309	.45283	.07765	.64867	439.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7212	7.5217	.20755	-.03787	3.6504	.75790	1.4487
Stddev	.0026	.0173	.00060	.00017	.0275	.00306	.0016
%RSD	.15299	.22994	.29139	.45927	.75373	.40329	.11125

#1	1.7242	7.5415	.20808	-.03768	3.6696	.75851	1.4499
#2	1.7192	7.5140	.20689	-.03801	3.6189	.76060	1.4469
#3	1.7203	7.5095	.20769	-.03794	3.6627	.75458	1.4494

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5562	.00014	-.04737	1.5908	F 23.472	.02648	1.5029
Stddev	.1067	.00013	.01410	.0082	.118	.00216	.0054
%RSD	1.9196	90.570	29.761	.51699	.50368	8.1601	.35649

#1	5.5251	.00029	-.05966	1.5883	23.363	.02874	1.4967
#2	5.4684	.00006	-.03198	1.5841	23.597	.02444	1.5057
#3	5.6749	.00008	-.05048	1.6000	23.454	.02626	1.5062

Sample Name: K4156-10 Acquired: 8/5/2019 22:28:35 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT3456 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07969	6.579	-.42402	<.00000	F<.00000
Stddev	.00330	.015	.00235	5.5992	2.0193
%RSD	4.1453	.2271	.55470	3.4656	1.6624

#1	.07597	6.594	-.42184	-155.58	-123.75
#2	.08080	6.564	-.42651	-162.44	-120.73
#3	.08229	6.579	-.42370	-166.68	-119.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.8	30672.	2019.8	23.208	1974.7
Stddev	2.6	93.	6.6	1.215	.5
%RSD	.10189	.30424	.32511	5.2346	.02440

#1	2597.9	30565.	2012.8	22.226	1974.8
#2	2593.4	30728.	2020.8	24.566	1974.2
#3	2593.2	30724.	2025.8	22.832	1975.2

Sample Name: K4156-13 Acquired: 8/5/2019 22:33:06 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07902	-.01974	.26137	.02943	.00823	145.06	.38641
Stddev	.00627	.00050	.00264	.00182	.00294	1.29	.00160
%RSD	7.9334	2.5261	1.0091	6.1853	35.736	.88963	.41319

#1	.08165	-.01953	.26117	.02734	.01013	144.03	.38457
#2	.07186	-.02030	.26409	.03063	.00484	144.65	.38739
#3	.08354	-.01937	.25883	.03033	.00972	146.51	.38728

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	-.00245	14.454	.21011	.05937	.29216	186.21
Stddev	.00039	.00005	.069	.00304	.00057	.00111	.50
%RSD	6.1000	1.9652	.47578	1.4468	.96370	.37925	.26919

#1	.00606	-.00240	14.532	.20718	.06002	.29157	185.63
#2	.00641	-.00250	14.422	.20989	.05917	.29344	186.47
#3	.00684	-.00244	14.407	.21325	.05893	.29148	186.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1530	10.795	.08884	-.00960	2.6694	.31459	.67356
Stddev	.0019	.154	.00081	.00058	.0376	.00178	.00393
%RSD	.16776	1.4271	.90971	6.0635	1.4102	.56544	.58316

#1	1.1514	10.624	.08810	-.00994	2.6262	.31616	.66944
#2	1.1525	10.839	.08871	-.00993	2.6948	.31266	.67726
#3	1.1551	10.923	.08970	-.00893	2.6872	.31496	.67397

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1644	.00696	.02633	1.5116	F 11.489	.01166	.66886
Stddev	.0925	.00065	.01364	.0044	.012	.00140	.00101
%RSD	1.4997	9.3715	51.814	.28981	.10562	12.052	.15089

#1	6.0691	.00713	.04184	1.5133	11.477	.01189	.66948
#2	6.1703	.00625	.02092	1.5149	11.502	.01293	.66770
#3	6.2538	.00752	.01622	1.5066	11.488	.01015	.66940

Sample Name: K4156-13 Acquired: 8/5/2019 22:33:06 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200035 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05831	3.760	-.13169	<.00000	F<.00000
Stddev	.00125	.009	.00073	4.2042	3.0495
%RSD	2.1466	.2288	.55478	5.5204	27.303

#1	.05953	3.765	-.13092	-77.713	-14.377
#2	.05836	3.750	-.13178	-79.362	-8.3082
#3	.05703	3.765	-.13238	-71.397	-10.821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.7	29199.	1895.2	22.427	2162.5
Stddev	15.5	30.	22.4	.624	13.3
%RSD	.63483	.10179	1.1802	2.7842	.61720

#1	2456.4	29181.	1870.2	21.926	2174.4
#2	2425.5	29233.	1901.9	23.126	2148.1
#3	2443.2	29183.	1913.4	22.229	2164.9

Sample Name: K4158-01 Acquired: 8/5/2019 22:37:39 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: FK-PS-01-055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06365	-.01302	.08155	.02550	.00429	76.232	.15926
Stddev	.00319	.00111	.00339	.00048	.00140	.444	.00252
%RSD	5.0067	8.5413	4.1507	1.8924	32.601	.58298	1.5806

#1	.06016	-.01429	.07802	.02589	.00573	75.853	.15673
#2	.06640	-.01225	.08188	.02565	.00293	76.122	.15928
#3	.06441	-.01251	.08476	.02496	.00421	76.721	.16177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00327	23.541	.23147	.01218	.23090	162.75
Stddev	.00018	.00038	.094	.00036	.00032	.00526	.51
%RSD	6.6737	11.627	.39963	.15371	2.6448	2.2801	.31384

#1	.00253	-.00370	23.613	.23188	.01181	.22482	163.18
#2	.00278	-.00313	23.575	.23128	.01236	.23416	162.90
#3	.00288	-.00298	23.434	.23124	.01237	.23371	162.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55602	4.5748	.02490	-.00846	.73197	.35080	.29296
Stddev	.00095	.1531	.00036	.00092	.00964	.00282	.00447
%RSD	.17049	3.3458	1.4525	10.882	1.3176	.80401	1.5262

#1	.55702	4.4011	.02454	-.00849	.73820	.34805	.28782
#2	.55514	4.6900	.02527	-.00752	.73684	.35066	.29510
#3	.55589	4.6332	.02490	-.00936	.72086	.35369	.29596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0173	.00480	.04692	4.3918	F 10.305	.00598	.60725
Stddev	.0557	.00024	.02233	.0526	.063	.00101	.00528
%RSD	1.1110	5.1006	47.594	1.1980	.61414	16.875	.87026

#1	4.9577	.00502	.02177	4.3319	10.362	.00714	.60643
#2	5.0260	.00454	.06443	4.4128	10.316	.00526	.60243
#3	5.0682	.00483	.05457	4.4307	10.237	.00554	.61290

Sample Name: K4158-01 Acquired: 8/5/2019 22:37:39 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: FK-PS-01-055 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01117	3.082	-.07080	<.00000	F<.00000
Stddev	.00070	.054	.00072	3.1897	1.2668
%RSD	6.2987	1.764	1.0177	4.6348	16.207

#1	.01037	3.019	-.07120	-68.486	-7.9282
#2	.01145	3.117	-.07123	-65.811	-6.4970
#3	.01168	3.108	-.06997	-72.164	-9.0232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.9	28827.	1859.0	23.969	2219.8
Stddev	17.1	108.	25.1	1.052	19.2
%RSD	.70740	.37364	1.3527	4.3887	.86342

#1	2438.8	28705.	1834.5	25.130	2241.6
#2	2415.5	28871.	1857.8	23.697	2212.2
#3	2405.4	28907.	1884.7	23.079	2205.6

Sample Name: K2646-42 Acquired: 8/5/2019 22:42:03 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00706	-.01067	.01308	.00264	.15542	1.0662	-.00028
Stddev	.00392	.00159	.00072	.00282	.00102	.01010	.0071	.00003
%RSD	389.79	22.460	6.7157	21.569	38.649	6.4993	.66326	10.762

#1	.00028	-.00523	-.01006	.01536	.00381	.14501	1.0603	-.00026
#2	-.00250	-.00791	-.01146	.00993	.00190	.16518	1.0740	-.00027
#3	.00524	-.00805	-.01049	.01396	.00222	.15609	1.0643	-.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	114.93	-.00736	.00284	.04786	54.700	1.9747	9.8137
Stddev	.00004	.44	.00039	.00027	.00060	.029	.0028	.1206
%RSD	1.6491	.37928	5.3345	9.4262	1.2475	.05326	.14208	1.2293

#1	-.00219	114.80	-.00725	.00286	.04733	54.670	1.9716	9.6990
#2	-.00225	114.57	-.00704	.00310	.04775	54.702	1.9768	9.9396
#3	-.00218	115.41	-.00780	.00257	.04851	54.728	1.9758	9.8026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00263	34.818	-.00380	.09405	4.5911	.00708	.19489
Stddev	.00097	.00039	.300	.00100	.00024	.0726	.00016	.01736
%RSD	84.418	14.704	.86268	26.317	.25596	1.5805	2.2726	8.9087

#1	.00203	-.00236	34.572	-.00470	.09399	4.5794	.00723	.17502
#2	.00011	-.00308	35.153	-.00272	.09385	4.6688	.00709	.20247
#3	.00131	-.00246	34.730	-.00396	.09431	4.5251	.00691	.20716

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5631	5.5957	.00006	-.00090	.27208	.2488	.48312	17.849
Stddev	.0033	.0224	.00074	.00144	.00085	.0045	.00302	1.501
%RSD	.21235	.40091	1235.1	160.27	.31078	1.793	.62467	8.4113

#1	1.5602	5.5871	-.00055	-.00230	.27113	.2490	.48309	17.971
#2	1.5623	5.5788	-.00015	.00058	.27274	.2532	.48012	19.286
#3	1.5667	5.6211	.00088	-.00097	.27236	.2443	.48615	16.291

Sample Name: K2646-42 Acquired: 8/5/2019 22:42:03 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7947
Stddev 1.9626
%RSD 33.870

#1 5.6239
#2 3.9230
#3 7.8372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.4	24729.	1594.7	22.799	2113.9
Stddev	12.5	72.	14.9	.354	13.3
%RSD	.61341	.29225	.93278	1.5519	.62711

#1	2021.5	24698.	1586.5	22.862	2102.5
#2	2044.6	24678.	1611.8	23.117	2128.4
#3	2025.0	24812.	1585.7	22.418	2110.8

Sample Name: K4142-02 Acquired: 8/5/2019 22:46:28 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 399L-241L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00251	-.00361	.00127	.00086	.00166	.06379	.00009
Stddev	.00324	.00046	.00071	.00212	.00111	.00902	.00168	.00013
%RSD	203.05	18.433	19.652	166.39	129.40	543.84	2.6286	143.66

#1	.00214	-.00298	-.00284	.00226	.00180	-.00388	.06201	.00024
#2	-.00333	-.00206	-.00425	-.00116	-.00036	.01207	.06403	.00001
#3	-.00359	-.00250	-.00373	.00271	.00113	-.00321	.06534	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	13.327	.00001	.00003	-.00027	.00870	.02269	1.0388
Stddev	.00003	.055	.00004	.00006	.00060	.00159	.00022	.0619
%RSD	14.107	.41219	479.83	176.92	219.71	18.325	.97938	5.9577

#1	-.00019	13.382	-.00002	.00003	.00042	.01046	.02247	1.0659
#2	-.00025	13.272	-.00002	-.00002	-.00061	.00830	.02292	1.0826
#3	-.00020	13.326	.00006	.00009	-.00062	.00735	.02267	.96800

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00110	10.780	-.00092	.03573	1.6484	.00198	.08768
Stddev	.00048	.00062	.134	.00036	.00063	.0344	.00040	.02985
%RSD	40.431	56.689	1.2444	39.041	1.7667	2.0877	20.109	34.048

#1	.00065	-.00082	10.677	-.00080	.03515	1.6090	.00241	.11663
#2	.00156	-.00181	10.732	-.00133	.03565	1.6634	.00194	.08941
#3	.00138	-.00067	10.932	-.00064	.03640	1.6728	.00161	.05700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3413	.96590	-.00401	-.00222	-.00506	.0038	.04780	3.9643
Stddev	.0065	.01362	.00067	.00288	.00090	.0014	.00012	2.1073
%RSD	.10179	1.4099	16.593	129.67	17.766	37.66	.24338	53.156

#1	6.3487	.97325	-.00408	.00024	-.00415	.0053	.04768	4.5523
#2	6.3388	.97427	-.00332	-.00539	-.00595	.0037	.04782	1.6255
#3	6.3366	.95019	-.00464	-.00151	-.00509	.0024	.04791	5.7152

Sample Name: K4142-02 Acquired: 8/5/2019 22:46:28 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 399L-241L Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4948
Stddev 3.4216
%RSD 97.904

#1 .14830
#2 6.9868
#3 3.3494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.0	25727.	1616.4	23.415	2309.1
Stddev	13.9	44.	24.1	1.437	11.3
%RSD	.66072	.16992	1.4887	6.1387	.48808

#1	2124.9	25678.	1592.8	25.040	2320.8
#2	2099.3	25762.	1615.4	22.895	2298.3
#3	2102.7	25741.	1640.9	22.310	2308.1

Sample Name: K4142-02DUP Acquired: 8/5/2019 22:50:54 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3DUP 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	-.00250	-.00330	.00308	-.00074	.01487	.06574	-.00006
Stddev	.00181	.00062	.00146	.00359	.00108	.00631	.00121	.00007
%RSD	63.431	24.957	44.254	116.59	146.15	42.425	1.8346	128.89

#1	.00327	-.00319	-.00326	-.00052	-.00174	.00760	.06507	-.00010
#2	.00087	-.00234	-.00186	.00309	.00040	.01809	.06501	-.00009
#3	.00441	-.00198	-.00479	.00666	-.00087	.01892	.06713	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	13.509	.00002	.00005	.00058	.00747	.02300	1.1540
Stddev	.00008	.083	.00032	.00033	.00030	.00106	.00018	.0275
%RSD	52.334	.61622	1836.8	640.91	51.898	14.242	.76277	2.3814

#1	-.00010	13.450	.00009	.00036	.00024	.00629	.02298	1.1267
#2	-.00010	13.605	-.00033	-.00029	.00070	.00836	.02319	1.1537
#3	-.00024	13.474	.00030	.00009	.00081	.00775	.02284	1.1816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00107	10.917	-.00042	.03479	1.6585	.00181	.10735
Stddev	.00033	.00021	.157	.00050	.00002	.0398	.00024	.01308
%RSD	42.817	19.191	1.4366	119.63	.04637	2.4020	13.070	12.187

#1	.00071	-.00128	10.737	-.00044	.03480	1.6917	.00166	.10570
#2	.00114	-.00086	10.990	.00009	.03479	1.6143	.00209	.12117
#3	.00048	-.00108	11.024	-.00090	.03477	1.6694	.00169	.09517

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3890	.97818	-.00424	-.00050	-.00345	.0037	.04866	2.3422
Stddev	.0245	.01529	.00025	.00013	.00260	.0017	.00018	4.3216
%RSD	.38397	1.5629	5.8484	26.666	75.322	44.39	.36871	184.51

#1	6.4138	.98605	-.00451	-.00048	-.00386	.0032	.04866	2.7645
#2	6.3887	.98794	-.00419	-.00064	-.00581	.0056	.04885	-2.1750
#3	6.3647	.96056	-.00402	-.00038	-.00067	.0024	.04849	6.4371

Sample Name: K4142-02DUP Acquired: 8/5/2019 22:50:54 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9558
Stddev 2.3038
%RSD 58.237

#1 6.4018
#2 1.8272
#3 3.6385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.0	25738.	1615.1	23.970	2297.4
Stddev	12.4	3.	22.1	1.283	11.9
%RSD	.59387	.01153	1.3710	5.3545	.51680

#1	2090.5	25740.	1590.0	22.780	2293.2
#2	2107.8	25739.	1623.2	23.800	2310.8
#3	2083.6	25734.	1632.1	25.330	2288.3

Sample Name: CCV11 Acquired: 8/5/2019 22:55:21 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15323 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1448	5.1502	5.1456	5.2073	5.1541	10.221	10.325
Stddev	.0090	.0171	.0112	.0159	.0067	.132	.063
%RSD	.17557	.33295	.21781	.30569	.12977	1.2890	.61217

#1	5.1550	5.1309	5.1356	5.1960	5.1583	10.115	10.252
#2	5.1379	5.1639	5.1577	5.2004	5.1575	10.180	10.364
#3	5.1414	5.1556	5.1435	5.2255	5.1464	10.369	10.359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25967	2.5488	25.984	1.0159	2.5571	1.2958	5.2379
Stddev	.00088	.0061	.130	.0036	.0025	.0014	.0129
%RSD	.34038	.23966	.50120	.34992	.09716	.10447	.24699

#1	.25889	2.5465	25.842	1.0118	2.5562	1.2973	5.2344
#2	.25949	2.5557	26.009	1.0181	2.5599	1.2953	5.2271
#3	.26063	2.5442	26.099	1.0178	2.5551	1.2948	5.2522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5953	25.841	2.5512	1.2862	25.593	2.5778	2.5278
Stddev	.0079	.373	.0034	.0020	.157	.0068	.0055
%RSD	.30293	1.4417	.13359	.15699	.61192	.26494	.21817

#1	2.5882	25.490	2.5483	1.2839	25.420	2.5701	2.5255
#2	2.5940	25.802	2.5549	1.2874	25.725	2.5802	2.5341
#3	2.6038	26.232	2.5502	1.2873	25.633	2.5832	2.5237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.394	5.1934	5.0389	5.1256	5.0440	5.0997	5.1369
Stddev	.293	.0057	.0589	.0130	.0244	.0037	.0213
%RSD	1.1534	.11034	1.1697	.25310	.48449	.07184	.41536

#1	25.072	5.1995	4.9709	5.1375	5.0685	5.0969	5.1126
#2	25.465	5.1925	5.0755	5.1275	5.0438	5.1039	5.1525
#3	25.645	5.1882	5.0703	5.1117	5.0196	5.0984	5.1456

Sample Name: CCV11 Acquired: 8/5/2019 22:55:21 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15323 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9961	5.313	5.1680	F 21.322	F 5.8542
Stddev	.0174	.007	.0249	3.278	1.7472
%RSD	.34798	.1340	.48126	15.376	29.846

#1	4.9959	5.305	5.1645	21.566	7.6002
#2	5.0136	5.315	5.1944	17.928	4.1057
#3	4.9788	5.319	5.1451	24.471	5.8568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.9	24838.	1606.3	23.206	2078.5
Stddev	3.3	36.	10.5	.431	5.6
%RSD	.16256	.14433	.65311	1.8553	.26801

#1	2044.6	24865.	1596.0	22.813	2078.2
#2	2047.7	24851.	1605.8	23.140	2073.1
#3	2051.2	24797.	1617.0	23.666	2084.2

Sample Name: CCB11 Acquired: 8/5/2019 22:59:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15323 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	-.00161	-.00249	.00117	.00213	-.02366	.00154
Stddev	.00503	.00079	.00059	.00124	.00121	.02911	.00024
%RSD	115.07	49.009	23.750	105.68	56.820	123.00	15.451

#1	.00699	-.00089	-.00273	.00137	.00154	-.01501	.00166
#2	-.00143	-.00149	-.00293	.00230	.00133	.00014	.00127
#3	.00756	-.00245	-.00182	-.00015	.00353	-.05611	.00169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00003	.00287	-.00012	-.00004	-.00125	.00013
Stddev	.00006	.00003	.01856	.00042	.00013	.00014	.00076
%RSD	65.511	103.56	647.65	351.05	335.95	11.397	574.79

#1	.00004	-.00001	.01655	-.00049	.00002	-.00122	.00031
#2	.00015	-.00002	-.01826	.00034	.00005	-.00112	.00078
#3	.00007	-.00007	.01031	-.00021	-.00019	-.00140	-.00070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.02678	.00064	-.00030	.00160	-.00018	.00048
Stddev	.00005	.05329	.00035	.00067	.00617	.00007	.00011
%RSD	98.854	198.98	55.505	219.80	384.24	37.478	23.228

#1	-.00009	-.02083	.00045	-.00097	.00037	-.00010	.00057
#2	.00001	-.08279	.00042	-.00031	-.00385	-.00022	.00050
#3	-.00008	.02328	.00104	.00037	.00830	-.00022	.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03730	.00122	-.01958	.00187	.00690	-.00192	.00111
Stddev	.02244	.00031	.05304	.00337	.00255	.00093	.00334
%RSD	60.153	25.685	270.88	179.97	36.922	48.332	301.34

#1	-.02110	.00150	-.07046	-.00201	.00766	-.00270	-.00001
#2	-.02789	.00088	.03538	.00365	.00898	-.00218	.00486
#3	-.06291	.00127	-.02366	.00398	.00406	-.00089	-.00153

Sample Name: CCB11 Acquired: 8/5/2019 22:59:20 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15323 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00455	.0005	.00005	F 3.6318	F 4.5241
Stddev	.00436	.0001	.00009	4.1864	1.4775
%RSD	95.765	20.93	183.38	115.27	32.658

#1	-.00910	.0004	.00011	7.0344	5.1034
#2	-.00414	.0005	-.00005	-1.0432	5.6241
#3	-.00042	.0006	.00009	4.9042	2.8447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.6	25720.	1608.1	22.940	2287.6
Stddev	15.6	73.	14.0	.901	15.7
%RSD	.73806	.28291	.87211	3.9298	.68697

#1	2096.3	25761.	1593.3	22.880	2272.1
#2	2126.1	25636.	1621.3	23.870	2303.5
#3	2103.5	25764.	1609.6	22.070	2287.1

Sample Name: K4142-02LX5 Acquired: 8/5/2019 23:03:50 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00233	-.00289	.00109	.00080	-.01571	.01419	.00007
Stddev	.00269	.00036	.00172	.00144	.00278	.01240	.00012	.00012
%RSD	848.22	15.398	59.618	132.41	345.85	78.933	.85838	172.86

#1	.00135	-.00228	-.00153	.00275	.00386	-.01047	.01414	-.00006
#2	-.00341	-.00271	-.00232	.00029	.00013	-.02987	.01410	.00010
#3	.00112	-.00199	-.00483	.00022	-.00158	-.00679	.01432	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	2.7222	.00028	.00009	.00029	.00371	.00468	.23652
Stddev	.00005	.0558	.00058	.00014	.00040	.00158	.00001	.03347
%RSD	46.493	2.0490	204.94	148.51	138.87	42.519	.11349	14.151

#1	-.00006	2.6579	.00027	.00025	.00017	.00545	.00468	.21304
#2	-.00015	2.7573	-.00029	.00003	.00073	.00238	.00467	.22167
#3	-.00008	2.7514	.00086	-.00000	-.00004	.00329	.00468	.27484

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00061	2.1981	.00015	.00756	.28834	.00043	.01087
Stddev	.00061	.00052	.0197	.00002	.00010	.11595	.00022	.01552
%RSD	55.324	85.669	.89415	11.850	1.3734	40.214	51.108	142.82

#1	.00069	-.00011	2.1905	.00014	.00763	.34103	.00065	-.00225
#2	.00081	-.00115	2.1834	.00015	.00761	.15540	.00045	.02800
#3	.00181	-.00057	2.2204	.00017	.00744	.36860	.00021	.00685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3328	.20568	-.00294	.00198	-.00323	-.0002	.00975	.50550
Stddev	.0041	.00473	.00088	.00090	.00351	.0010	.00017	6.2977
%RSD	.30514	2.2974	29.941	45.287	108.61	528.5	1.7017	1245.8

#1	1.3320	.21111	-.00327	.00096	.00063	.0008	.00956	-4.4665
#2	1.3372	.20245	-.00194	.00262	-.00623	-.0011	.00987	7.5872
#3	1.3292	.20349	-.00360	.00236	-.00409	-.0002	.00982	-1.6042

Sample Name: K4142-02LX5 Acquired: 8/5/2019 23:03:50 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3MS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5939
Stddev 2.3585
%RSD 42.163

#1 3.5217
#2 8.1604
#3 5.0995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.7	25790.	1628.7	23.732	2315.0
Stddev	3.2	69.	6.8	.843	7.1
%RSD	.14993	.26639	.41805	3.5534	.30689

#1	2118.4	25715.	1621.5	22.910	2321.6
#2	2113.0	25849.	1635.0	23.690	2316.0
#3	2112.8	25807.	1629.6	24.595	2307.5

Sample Name: K4142-02MS Acquired: 8/5/2019 23:08:20 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-3MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81474	2.0594	1.0516	2.0082	1.1509	2.1302	.28031	.20664
Stddev	.00480	.0095	.0007	.0039	.0020	.0288	.00247	.00004
%RSD	.58943	.46060	.06433	.19505	.17347	1.3517	.88193	.01948

#1	.81904	2.0665	1.0513	2.0099	1.1507	2.1483	.27776	.20665
#2	.81561	2.0631	1.0523	2.0111	1.1530	2.1454	.28047	.20667
#3	.80956	2.0486	1.0511	2.0038	1.1490	2.0970	.28270	.20660

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20041	13.092	.43609	.21209	.33721	3.4351	.24373	3.1282
Stddev	.00041	.034	.00082	.00057	.00037	.0017	.00073	.0577
%RSD	.20338	.25937	.18749	.26700	.11086	.04920	.30024	1.8447

#1	.20069	13.076	.43701	.21272	.33732	3.4370	.24445	3.0656
#2	.20060	13.131	.43546	.21162	.33751	3.4337	.24377	3.1793
#3	.19994	13.069	.43580	.21194	.33679	3.4346	.24298	3.1396

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52630	.07557	12.683	.33526	.23322	12.025	.58878	.38537
Stddev	.00053	.00057	.121	.00206	.00005	.086	.00003	.01550
%RSD	.10004	.75527	.95039	.61513	.02313	.71553	.00429	4.0212

#1	.52635	.07619	12.784	.33764	.23321	11.978	.58876	.38651
#2	.52681	.07545	12.549	.33423	.23328	11.973	.58881	.36933
#3	.52576	.07507	12.715	.33392	.23318	12.125	.58879	.40026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5837	2.2466	.96696	.29109	.22635	6.173	.26717	11.028
Stddev	.0157	.0259	.00263	.00392	.00247	.012	.00072	2.071
%RSD	.28176	1.1523	.27204	1.3465	1.0892	.1955	.26782	18.784

#1	5.6016	2.2723	.96794	.28902	.22840	6.187	.26638	8.6440
#2	5.5770	2.2469	.96398	.29561	.22703	6.168	.26734	12.049
#3	5.5723	2.2206	.96896	.28864	.22362	6.164	.26778	12.390

Sample Name: K4142-02MS Acquired: 8/5/2019 23:08:20 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: COMP-3MSD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 3.5919
 %RSD 475.23

#1 -4.7420
 #2 2.2296
 #3 .24490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.2	25264.	1581.0	22.819	2218.5
Stddev	2.0	98.	13.3	1.807	6.6
%RSD	.09794	.38766	.83940	7.9182	.29834

#1	2055.5	25155.	1566.1	23.040	2212.8
#2	2056.7	25345.	1585.3	20.912	2216.8
#3	2059.4	25292.	1591.6	24.506	2225.8

Sample Name: K4142-02MSD Acquired: 8/5/2019 23:12:28 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI 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	.80291	2.0566	1.0422	1.9918	1.3276	2.0881	.27082	.20450	.19854
Stddev	.00456	.0017	.0021	.0055	.0056	.0335	.00112	.00024	.00044
%RSD	.56735	.08283	.19911	.27818	.41989	1.6019	.41535	.11909	.22293
#1	.80131	2.0549	1.0413	1.9923	1.3260	2.1084	.26956	.20472	.19879
#2	.80805	2.0567	1.0406	1.9970	1.3338	2.0495	.27118	.20454	.19881
#3	.79937	2.0583	1.0445	1.9860	1.3231	2.1063	.27172	.20424	.19803
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.769	.43030	.21033	.33157	3.4265	.24104	3.0300	.52191	.07434
Stddev	.140	.00093	.00030	.00082	.0093	.00020	.0423	.00111	.00034
%RSD	1.0951	.21513	.14329	.24834	.27063	.08208	1.3972	.21331	.45417
#1	12.630	.42931	.21037	.33081	3.4182	.24126	3.0774	.52252	.07472
#2	12.768	.43115	.21062	.33244	3.4248	.24092	2.9961	.52260	.07424
#3	12.910	.43043	.21002	.33147	3.4365	.24093	3.0165	.52063	.07407
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	12.373	.33231	.23019	11.714	.67886	.37042	5.4214	2.4561	1.1232
Stddev	.049	.00058	.00041	.131	.00153	.02223	.0128	.0139	.0032
%RSD	.39293	.17497	.17967	1.1163	.22609	6.0000	.23680	.56513	.28344
#1	12.317	.33220	.23067	11.597	.68000	.38697	5.4212	2.4532	1.1243
#2	12.401	.33179	.22999	11.689	.67946	.37914	5.4344	2.4439	1.1257
#3	12.401	.33293	.22992	11.855	.67711	.34516	5.4087	2.4712	1.1196
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.33923	.22727	6.118	.26480	11.375	.37850			
Stddev	.00165	.00171	.015	.00193	3.245	3.7639			
%RSD	.48681	.75307	.2468	.72880	28.529	994.41			
#1	.33868	.22534	6.113	.26294	15.109	3.6835			
#2	.33792	.22787	6.107	.26466	9.7862	-3.7183			
#3	.34108	.22860	6.135	.26679	9.2307	1.1703			

Sample Name: K4142-02MSD Acquired: 8/5/2019 23:12:28 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI 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	2063.1	25307.	1551.8	21.813	2215.3
Stddev	3.3	41.	4.6	.650	3.9
%RSD	.15882	.16168	.29750	2.9817	.17669
#1	2060.9	25302.	1556.0	21.840	2212.2
#2	2061.6	25350.	1552.7	22.450	2214.1
#3	2066.9	25269.	1546.9	21.150	2219.7

Sample Name: K4142-02A Acquired: 8/5/2019 23:16:35 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80798	2.0587	1.0467	1.9968	1.2532	2.1077	.27331
Stddev	.00224	.0106	.0037	.0012	.0004	.0087	.00140
%RSD	.27669	.51446	.35365	.06161	.03620	.41162	.51152

#1	.80633	2.0638	1.0476	1.9954	1.2528	2.1015	.27317
#2	.81052	2.0465	1.0499	1.9975	1.2530	2.1041	.27199
#3	.80709	2.0657	1.0426	1.9975	1.2537	2.1177	.27477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20576	.19900	12.902	.43381	.21033	.33407	3.4354
Stddev	.00058	.00029	.039	.00035	.00026	.00070	.0084
%RSD	.28311	.14479	.30068	.08129	.12387	.20916	.24556

#1	.20642	.19888	12.879	.43395	.21044	.33374	3.4366
#2	.20555	.19933	12.880	.43341	.21053	.33488	3.4265
#3	.20531	.19879	12.947	.43407	.21004	.33360	3.4432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24179	3.0870	.52176	.07413	12.531	.33345	.23106
Stddev	.00001	.0901	.00096	.00051	.046	.00083	.00028
%RSD	.00519	2.9203	.18337	.68445	.36989	.24919	.11990

#1	.24178	2.9830	.52195	.07396	12.557	.33421	.23122
#2	.24180	3.1438	.52072	.07374	12.559	.33257	.23074
#3	.24178	3.1341	.52260	.07471	12.478	.33359	.23123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.706	.64184	.38308	5.4694	2.3781	1.0541	.32330
Stddev	.092	.00273	.01449	.0124	.0112	.0003	.00123
%RSD	.78720	.42463	3.7822	.22623	.46943	.02841	.38017

#1	11.654	.64383	.38883	5.4836	2.3882	1.0541	.32472
#2	11.652	.64295	.36660	5.4628	2.3661	1.0538	.32254
#3	11.813	.63873	.39382	5.4616	2.3800	1.0544	.32265

Sample Name: K4142-02A Acquired: 8/5/2019 23:16:35 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22538	6.136	.26501	10.157	F<.00000
Stddev	.00392	.009	.00126	4.664	3.6158
%RSD	1.7376	.1406	.47372	45.916	162.60

#1	.22235	6.126	.26452	15.000	-3.8011
#2	.22399	6.139	.26408	9.7723	-4.7829
#3	.22980	6.143	.26644	5.6970	1.9127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.8	25318.	1561.4	23.194	2221.3
Stddev	16.0	73.	1.1	.941	12.7
%RSD	.77698	.28808	.07172	4.0567	.57375

#1	2048.6	25248.	1560.9	23.170	2210.8
#2	2054.9	25393.	1562.6	22.265	2217.7
#3	2079.0	25314.	1560.5	24.146	2235.5

Sample Name: K4129-15 Acquired: 8/5/2019 23:20:42 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00621	.00211	.00513	.00125	.18628	.17576	.00008
Stddev	.00327	.00130	.00061	.00174	.00118	.00382	.00184	.00009
%RSD	1322.4	20.987	28.827	33.921	94.461	2.0485	1.0460	113.56

#1	-.00232	-.00470	.00258	.00695	.00244	.18238	.17503	-.00000
#2	-.00086	-.00689	.00234	.00494	.00124	.19001	.17440	.00018
#3	.00392	-.00702	.00142	.00349	.00007	.18647	.17785	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	35.906	-.00038	.00048	.00649	.10906	.18782	15.845
Stddev	.00017	.081	.00058	.00005	.00029	.00015	.00101	.143
%RSD	57.511	.22669	151.80	9.7840	4.4554	.14081	.53952	.90212

#1	.00045	35.813	.00019	.00053	.00630	.10923	.18895	15.869
#2	.00031	35.941	-.00036	.00048	.00682	.10893	.18698	15.692
#3	.00012	35.964	-.00097	.00043	.00634	.10903	.18753	15.975

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	-.00053	356.66	-.00015	.10053	2.1836	-.00008	-.01041
Stddev	.00108	.00057	1.93	.00036	.00021	.0359	.00061	.00460
%RSD	100.19	107.35	.54006	238.52	.20651	1.6458	756.60	44.176

#1	.00179	-.00116	357.06	-.00036	.10037	2.2061	.00060	-.01512
#2	.00161	-.00006	354.57	-.00035	.10045	2.1421	-.00027	-.00593
#3	-.00017	-.00036	358.35	.00026	.10076	2.2025	-.00057	-.01017

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17008	.45747	.00027	.00353	-.00446	.0106	.04642	35.514
Stddev	.00218	.00919	.00031	.00220	.00240	.0032	.00021	1.499
%RSD	1.2803	2.0079	111.32	62.380	53.849	30.40	.46156	4.2199

#1	.16819	.46524	.00056	.00303	-.00333	.0074	.04619	35.681
#2	.17246	.45984	-.00005	.00594	-.00722	.0107	.04646	33.939
#3	.16960	.44733	.00032	.00162	-.00284	.0138	.04661	36.922

Sample Name: K4129-15 Acquired: 8/5/2019 23:20:42 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 2S-E1-E4-(0- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.798
 Stddev 3.232
 %RSD 18.157

#1 19.422
 #2 14.077
 #3 19.896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.9	24264.	1596.8	22.245	2082.3
Stddev	4.3	159.	24.8	.652	4.3
%RSD	.20782	.65720	1.5558	2.9328	.20417

#1	2050.8	24080.	1579.5	22.886	2077.5
#2	2054.4	24349.	1585.6	21.582	2083.9
#3	2059.3	24363.	1625.2	22.266	2085.6

Sample Name: K4129-15DUP Acquired: 8/5/2019 23:25:09 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.00724	.00463	.00340	.00002	.18581	.18257	.00007
Stddev	.00270	.00244	.00180	.00076	.00124	.00623	.00356	.00006
%RSD	136.45	33.687	38.946	22.389	7423.2	3.3522	1.9488	90.461

#1	.00506	-.00933	.00295	.00253	-.00099	.19099	.17847	.00011
#2	.00090	-.00782	.00441	.00394	-.00037	.18755	.18432	-.00000
#3	-.00002	-.00456	.00653	.00373	.00141	.17890	.18491	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	36.390	.00004	.00036	.00743	.11244	.19270	16.374
Stddev	.00007	.322	.00008	.00057	.00023	.00061	.00123	.313
%RSD	43.880	.88576	168.32	159.95	3.0951	.54021	.63746	1.9113

#1	.00022	36.134	.00013	-.00020	.00747	.11304	.19129	16.019
#2	.00017	36.284	-.00002	.00034	.00763	.11246	.19355	16.490
#3	.00008	36.752	.00003	.00094	.00718	.11183	.19326	16.612

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	-.00056	366.93	-.00008	.10319	2.2799	-.00051	.01874
Stddev	.00049	.00070	5.08	.00019	.00020	.0578	.00052	.03098
%RSD	35.653	125.96	1.3841	235.84	.19738	2.5329	101.18	165.31

#1	.00151	-.00135	361.48	-.00018	.10295	2.2174	-.00036	.05450
#2	.00084	-.00031	367.80	.00014	.10330	2.3313	-.00109	.00194
#3	.00180	-.00001	371.52	-.00021	.10331	2.2911	-.00009	-.00021

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18247	.45158	.00127	.00543	-.00160	.0088	.04680	35.916
Stddev	.00537	.00528	.00081	.00072	.00013	.0006	.00047	2.356
%RSD	2.9403	1.1682	63.375	13.257	8.0194	7.168	.99802	6.5583

#1	.18826	.45395	.00203	.00467	-.00174	.0081	.04636	38.569
#2	.17766	.45525	.00042	.00552	-.00158	.0090	.04675	35.109
#3	.18149	.44553	.00137	.00610	-.00149	.0093	.04729	34.070

Sample Name: K4129-15DUP Acquired: 8/5/2019 23:25:09 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.901
Stddev 1.477
%RSD 10.626

#1 13.398
#2 15.564
#3 12.741

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.4	24081.	1612.7	22.748	2042.8
Stddev	6.4	72.	17.6	.505	7.4
%RSD	.31682	.29812	1.0894	2.2212	.36310

#1	2020.7	24155.	1592.4	22.188	2051.3
#2	2009.3	24076.	1622.7	23.171	2037.5
#3	2010.1	24012.	1623.0	22.885	2039.5

Sample Name: K4129-15LX5 Acquired: 8/5/2019 23:29:36 Type: Unk
Method: P4-ICP2(v3319) 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	.00112	-.00483	-.00216	.00249	.00046	.03340	.03592	.00002
Stddev	.00133	.00181	.00076	.00424	.00137	.00904	.00117	.00001
%RSD	118.88	37.497	35.181	170.41	296.67	27.059	3.2654	44.688

#1	.00076	-.00300	-.00247	.00255	.00182	.02458	.03491	.00001
#2	.00001	-.00663	-.00129	.00669	-.00092	.04264	.03721	.00003
#3	.00259	-.00486	-.00271	-.00178	.00048	.03299	.03563	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	7.2966	-.00082	-.00004	.00140	.02200	.03831	3.1792
Stddev	.00014	.0967	.00061	.00041	.00013	.00165	.00017	.0575
%RSD	117.88	1.3253	75.006	954.56	9.6106	7.5062	.43727	1.8082

#1	-.00024	7.2698	-.00053	-.00051	.00156	.02387	.03817	3.2429
#2	.00004	7.2161	-.00040	.00026	.00134	.02075	.03826	3.1633
#3	-.00017	7.4039	-.00152	.00012	.00131	.02138	.03849	3.1313

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00005	69.948	-.00007	.02007	.47282	-.00028	-.01849
Stddev	.00046	.00075	.060	.00053	.00011	.03090	.00050	.00748
%RSD	1120.7	1484.1	.08591	752.57	.53798	6.5348	180.88	40.434

#1	-.00055	.00068	69.927	-.00023	.02000	.43729	-.00013	-.02519
#2	.00009	-.00002	70.015	.00052	.02001	.48783	.00013	-.01987
#3	.00034	-.00082	69.900	-.00051	.02019	.49335	-.00083	-.01042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03313	.09867	-.00181	.00064	-.00035	.0034	.00954	9.9373
Stddev	.00079	.00310	.00100	.00416	.00243	.0022	.00011	5.6406
%RSD	2.3729	3.1440	55.444	650.24	697.69	65.14	1.1587	56.762

#1	.03390	.10225	-.00295	-.00167	.00246	.0055	.00953	3.4588
#2	.03233	.09677	-.00108	.00545	-.00173	.0011	.00944	13.759
#3	.03315	.09699	-.00139	-.00186	-.00178	.0036	.00966	12.594

Sample Name: K4129-15LX5 Acquired: 8/5/2019 23:29:36 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.764
Stddev .997
%RSD 9.2663

#1 11.866
#2 9.9232
#3 10.503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.4	25234.	1603.5	23.201	2198.3
Stddev	5.1	67.	7.9	.683	7.5
%RSD	.24786	.26519	.49160	2.9422	.34297

#1	2081.6	25159.	1594.6	22.556	2207.0
#2	2071.3	25288.	1609.7	23.131	2195.1
#3	2076.3	25253.	1606.2	23.916	2192.9

Sample Name: K4129-15MS Acquired: 8/5/2019 23:34:05 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- 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	.84323	2.0618	1.0763	2.1471	.84562	2.3656	.41560	.21780	.21065
Stddev	.00599	.0027	.0037	.0074	.00178	.0361	.00613	.00042	.00010
%RSD	.70980	.13000	.34553	.34556	.21001	1.5268	1.4761	.19416	.04808

#1	.84996	2.0588	1.0752	2.1392	.84759	2.3561	.40888	.21733	.21058
#2	.84122	2.0640	1.0732	2.1479	.84514	2.3351	.41704	.21815	.21061
#3	.83851	2.0627	1.0804	2.1540	.84414	2.4055	.42089	.21793	.21077

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.392	.43675	.21711	.33463	3.4705	.42038	19.491	.53634	.07672
Stddev	.194	.00172	.00013	.00050	.0041	.00076	.350	.00083	.00066
%RSD	.48045	.39476	.05803	.14983	.11712	.18197	1.7965	.15557	.86510

#1	40.256	.43672	.21723	.33462	3.4747	.41951	19.168	.53538	.07670
#2	40.307	.43504	.21712	.33514	3.4666	.42096	19.442	.53679	.07607
#3	40.615	.43849	.21698	.33413	3.4703	.42066	19.863	.53686	.07740

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	388.40	.34398	.32362	13.819	.43757	.34059	.18092	1.5540	.73813
Stddev	4.50	.00075	.00040	.121	.00057	.01770	.00314	.0226	.00270
%RSD	1.1582	.21690	.12310	.87915	.12967	5.1964	1.7383	1.4519	.36634

#1	383.25	.34325	.32404	13.704	.43786	.32934	.18149	1.5690	.73875
#2	390.41	.34395	.32325	13.805	.43792	.36099	.18374	1.5649	.73516
#3	391.54	.34474	.32355	13.946	.43691	.33144	.17753	1.5280	.74046

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22326	.22938	6.916	.27136	38.743	8.4239			
Stddev	.00412	.00241	.008	.00108	1.032	2.6018			
%RSD	1.8456	1.0489	.1168	.39735	2.6624	30.886			

#1	.22628	.22883	6.908	.27042	39.642	6.3874			
#2	.21857	.22730	6.924	.27112	37.617	7.5292			
#3	.22493	.23202	6.916	.27254	38.969	11.355			

Sample Name: K4129-15MS Acquired: 8/5/2019 23:34:05 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- 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	1987.7	23795.	1546.1	22.326	2013.5
Stddev	3.4	76.	16.2	1.129	5.3
%RSD	.17013	.32084	1.0446	5.0586	.26443
#1	1985.6	23728.	1529.1	21.159	2016.0
#2	1991.6	23778.	1548.0	23.414	2017.1
#3	1985.9	23878.	1561.3	22.406	2007.4

Sample Name: K4129-15MSD Acquired: 8/5/2019 23:38:14 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- 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	.86052	2.0909	1.0925	2.1877	.85918	2.4164	.42433	.22142	.21396
Stddev	.00249	.0077	.0008	.0102	.00120	.0517	.00575	.00052	.00035
%RSD	.28975	.36814	.07512	.46771	.13957	2.1416	1.3557	.23701	.16289

#1	.86218	2.0963	1.0922	2.1978	.85999	2.3674	.41802	.22196	.21402
#2	.85766	2.0942	1.0934	2.1773	.85976	2.4112	.42570	.22091	.21427
#3	.86174	2.0821	1.0919	2.1879	.85780	2.4705	.42928	.22138	.21358

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.415	.44432	.22069	.34074	3.5384	.42825	19.825	.54400	.07716
Stddev	.304	.00043	.00028	.00135	.0056	.00142	.334	.00095	.00071
%RSD	.73312	.09588	.12467	.39668	.15703	.33219	1.6869	.17421	.92587

#1	41.288	.44480	.22053	.33968	3.5369	.42878	19.609	.54352	.07633
#2	41.762	.44419	.22101	.34027	3.5445	.42664	19.656	.54338	.07753
#3	41.196	.44398	.22054	.34226	3.5337	.42933	20.210	.54509	.07760

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	397.29	.35050	.33075	14.143	.44690	.33327	.18206	1.5881	.75536
Stddev	2.58	.00036	.00038	.153	.00077	.03939	.00571	.0260	.00153
%RSD	.64940	.10391	.11384	1.0812	.17170	11.820	3.1389	1.6371	.20196

#1	395.50	.35008	.33061	13.972	.44648	.32443	.17718	1.6114	.75403
#2	396.13	.35076	.33118	14.192	.44643	.37633	.18066	1.5930	.75503
#3	400.25	.35066	.33047	14.266	.44778	.29905	.18835	1.5600	.75703

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22375	.23802	7.037	.27737	39.602	21.216			
Stddev	.00744	.00554	.022	.00202	1.089	1.674			
%RSD	3.3258	2.3286	.3121	.72830	2.7504	7.8914			

#1	.21528	.23605	7.024	.27679	38.413	19.299			
#2	.22923	.24428	7.062	.27962	40.551	21.958			
#3	.22674	.23373	7.025	.27571	39.842	22.392			

Sample Name: K4129-15MSD Acquired: 8/5/2019 23:38:14 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(0- 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	1983.1	23849.	1553.6	21.303	2010.4
Stddev	14.4	75.	24.4	1.026	9.0
%RSD	.72814	.31298	1.5685	4.8150	.44823
#1	1986.9	23764.	1531.2	21.212	2015.2
#2	1995.2	23900.	1550.0	22.371	2016.1
#3	1967.1	23885.	1579.6	20.326	2000.1

Sample Name: K4129-15A Acquired: 8/5/2019 23:42:23 Type: Unk
Method: P4-ICP2(v3319) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84524	2.0589	1.0737	2.1486	.84282	2.4229	.42230	.21855	.21085
Stddev	.00423	.0056	.0025	.0024	.00082	.0223	.00655	.00037	.00061
%RSD	.50050	.27465	.23474	.11306	.09697	.92139	1.5515	.17076	.28848
#1	.84866	2.0541	1.0708	2.1467	.84200	2.4169	.41648	.21894	.21015
#2	.84656	2.0576	1.0755	2.1478	.84281	2.4042	.42101	.21851	.21118
#3	.84051	2.0651	1.0748	2.1514	.84364	2.4476	.42940	.21819	.21123
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.444	.43741	.21688	.33454	3.4819	.41912	19.695	.53671	.07535
Stddev	.054	.00154	.00074	.00163	.0128	.00041	.308	.00196	.00074
%RSD	.13442	.35304	.34080	.48576	.36743	.09728	1.5628	.36446	.97936
#1	40.382	.43909	.21605	.33267	3.4911	.41937	19.424	.53499	.07509
#2	40.470	.43606	.21747	.33566	3.4673	.41934	19.631	.53631	.07478
#3	40.481	.43709	.21713	.33528	3.4873	.41865	20.029	.53884	.07619
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	392.98	.34487	.32351	14.113	.43675	.29469	.17841	1.5436	.73834
Stddev	4.07	.00248	.00044	.204	.00073	.01330	.00737	.0172	.00232
%RSD	1.0357	.71793	.13494	1.4420	.16661	4.5149	4.1303	1.1114	.31379
#1	388.94	.34751	.32305	13.932	.43757	.30964	.17191	1.5526	.73569
#2	392.91	.34449	.32358	14.073	.43648	.28416	.18641	1.5544	.73941
#3	397.08	.34260	.32391	14.333	.43619	.29027	.17689	1.5238	.73994
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22319	.23378	6.943	.27265	33.113	10.437			
Stddev	.00395	.00174	.015	.00091	5.295	1.427			
%RSD	1.7690	.74429	.2109	.33524	15.990	13.671			
#1	.21863	.23500	6.926	.27352	38.446	10.434			
#2	.22552	.23455	6.951	.27272	33.037	9.0125			
#3	.22542	.23179	6.952	.27170	27.857	11.866			

Sample Name: K4129-15A Acquired: 8/5/2019 23:42:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW 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	1997.6	23879.	1572.1	22.463	2025.4
Stddev	4.4	21.	21.1	1.030	4.4
%RSD	.21910	.08934	1.3432	4.5837	.21605
#1	1995.8	23881.	1553.0	21.361	2024.5
#2	1994.5	23899.	1568.6	22.626	2021.5
#3	2002.6	23857.	1594.8	23.401	2030.1

Sample Name: CCV12 Acquired: 8/5/2019 23:46:33 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1836	5.1920	5.1665	5.2446	5.1811	10.261	10.278
Stddev	.0164	.0069	.0107	.0106	.0081	.107	.091
%RSD	.31573	.13197	.20676	.20216	.15562	1.0390	.88726

#1	5.2023	5.1863	5.1560	5.2385	5.1766	10.146	10.173
#2	5.1721	5.1899	5.1774	5.2569	5.1905	10.279	10.327
#3	5.1763	5.1996	5.1661	5.2386	5.1764	10.357	10.335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25980	2.5658	26.120	1.0215	2.5746	1.2966	5.2800
Stddev	.00098	.0057	.217	.0025	.0075	.0041	.0054
%RSD	.37693	.22190	.83095	.24537	.29007	.31917	.10142

#1	.25894	2.5605	25.875	1.0219	2.5671	1.3009	5.2845
#2	.25959	2.5718	26.195	1.0188	2.5820	1.2963	5.2815
#3	.26086	2.5650	26.289	1.0237	2.5746	1.2927	5.2741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6116	26.015	2.5710	1.2910	25.738	2.5973	2.5401
Stddev	.0044	.309	.0068	.0017	.184	.0101	.0041
%RSD	.16876	1.1867	.26595	.13009	.71678	.39015	.15999

#1	2.6104	25.770	2.5650	1.2928	25.527	2.5967	2.5356
#2	2.6079	25.913	2.5784	1.2894	25.820	2.5875	2.5435
#3	2.6165	26.362	2.5695	1.2908	25.868	2.6078	2.5412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.525	5.2318	5.1345	5.1390	5.0916	5.1265	5.1899
Stddev	.237	.0058	.0574	.0206	.0177	.0133	.0384
%RSD	.92871	.11005	1.1171	.40062	.34777	.25867	.74036

#1	25.253	5.2280	5.0891	5.1241	5.1099	5.1112	5.1525
#2	25.690	5.2384	5.1156	5.1625	5.0745	5.1345	5.1877
#3	25.632	5.2290	5.1990	5.1304	5.0904	5.1338	5.2293

Sample Name: CCV12 Acquired: 8/5/2019 23:46:33 Type: Unk
 Method: P4-ICP2(v3319) 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	5.0618	5.360	5.2012	F 19.913	4.7975
Stddev	.0166	.017	.0145	3.599	3.2056
%RSD	.32854	.3138	.27869	18.075	66.818

#1	5.0462	5.349	5.1853	21.651	7.5740
#2	5.0598	5.379	5.2044	15.775	5.5292
#3	5.0793	5.351	5.2137	22.314	1.2893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.6	24854.	1593.2	22.327	2072.8
Stddev	1.9	67.	9.7	.974	4.2
%RSD	.09235	.26897	.61009	4.3616	.20497

#1	2044.4	24811.	1582.3	23.445	2077.4
#2	2045.0	24821.	1596.4	21.874	2072.0
#3	2041.4	24931.	1600.9	21.663	2069.0

Sample Name: CCB12 Acquired: 8/5/2019 23:50:32 Type: Unk
Method: P4-ICP2(v3319) 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	.00188	-.00205	-.00229	.00251	.00229	-.01719	.00158
Stddev	.00183	.00104	.00125	.00227	.00057	.00774	.00030
%RSD	97.338	50.403	54.639	90.684	24.762	45.023	19.275

#1	-.00010	-.00246	-.00225	.00497	.00177	-.01088	.00128
#2	.00351	-.00283	-.00106	.00050	.00221	-.02582	.00157
#3	.00222	-.00088	-.00357	.00205	.00290	-.01485	.00189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00000	.02350	-.00055	.00021	-.00100	.00001
Stddev	.00005	.00007	.03636	.00049	.00018	.00028	.00074
%RSD	65.868	2569.4	154.73	89.979	85.737	28.316	13923.

#1	.00008	.00008	.06548	-.00106	.00040	-.00102	-.00027
#2	.00002	.00000	.00264	-.00007	.00004	-.00126	.00084
#3	.00012	-.00007	.00237	-.00052	.00019	-.00070	-.00056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01858	.00050	.00005	.13886	-.00027	-.00005
Stddev	.00003	.03018	.00016	.00061	.00154	.00034	.00003
%RSD	90.361	162.44	32.334	1137.0	1.1066	126.41	63.496

#1	-.00006	-.00613	.00059	.00073	.13876	-.00066	-.00002
#2	-.00006	.00965	.00031	-.00011	.14044	-.00015	-.00009
#3	.00000	.05221	.00059	-.00046	.13737	-.00000	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02184	.00118	-.00921	-.00151	.00317	-.00156	-.00009
Stddev	.01935	.00013	.01904	.00370	.00206	.00159	.00291
%RSD	88.590	11.220	206.81	245.16	65.044	101.95	3100.5

#1	-.00037	.00122	-.00210	-.00557	.00442	-.00089	.00013
#2	.03505	.00129	.00526	-.00062	.00079	-.00041	.00270
#3	.03082	.00103	-.03078	.00166	.00428	-.00337	-.00311

Sample Name: CCB12 Acquired: 8/5/2019 23:50:32 Type: Unk
Method: P4-ICP2(v3319) 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	-0.00143	.0000	-0.00018	F<.00000	F 3.3833
Stddev	.00137	.0004	.00013	4.4517	1.0527
%RSD	95.899	1115.	69.994	723.82	31.114
#1	-0.00298	-0.0005	-0.00019	2.1692	2.2429
#2	-0.00094	.0003	-0.00005	1.7350	3.5889
#3	-0.00037	.0003	-0.00031	-5.7493	4.3179
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.1	25611.	1602.6	21.615	2296.9
Stddev	10.1	54.	11.3	1.143	11.4
%RSD	.47618	.21112	.70536	5.2864	.49692
#1	2121.8	25661.	1589.6	21.525	2303.1
#2	2120.0	25553.	1609.1	22.800	2304.0
#3	2103.5	25618.	1609.1	20.520	2283.8

Sample Name: K4129-20 Acquired: 8/5/2019 23:55:03 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-E1-E4-(30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	-.00670	-.00056	.00185	.00193	.13085	.15920	.00006
Stddev	.00558	.00113	.00085	.00206	.00080	.01190	.00051	.00002
%RSD	162.16	16.919	151.53	111.78	41.458	9.0959	.31775	36.737

#1	.00964	-.00726	.00042	.00279	.00237	.11913	.15886	.00007
#2	-.00115	-.00540	-.00105	-.00052	.00101	.14293	.15896	.00003
#3	.00182	-.00745	-.00106	.00327	.00242	.13048	.15978	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	24.385	.00001	.00006	.00526	.06204	.12940	8.7537
Stddev	.00007	.248	.00035	.00031	.00051	.00037	.00093	.0790
%RSD	159.49	1.0190	4525.4	478.12	9.7466	.59651	.71919	.90237

#1	.00008	24.111	.00030	.00030	.00578	.06167	.13044	8.8448
#2	-.00004	24.448	.00011	-.00028	.00525	.06241	.12910	8.7120
#3	.00009	24.596	-.00038	.00017	.00475	.06204	.12865	8.7043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00067	374.36	.00028	.12082	1.4205	.00034	.01944
Stddev	.00011	.00083	1.27	.00055	.00028	.0245	.00051	.02205
%RSD	22.707	124.88	.33844	194.52	.23413	1.7225	149.51	113.46

#1	.00058	.00025	375.67	.00072	.12115	1.3945	.00005	-.00493
#2	.00051	-.00139	374.26	.00046	.12062	1.4240	.00004	.03804
#3	.00037	-.00086	373.14	-.00033	.12070	1.4431	.00093	.02520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17952	.46685	.00133	.00094	-.00464	.0096	.04290	41.534
Stddev	.00063	.00547	.00039	.00335	.00083	.0015	.00044	1.368
%RSD	.35215	1.1713	29.386	356.02	17.870	15.30	1.0198	3.2936

#1	.18023	.46597	.00095	-.00040	-.00558	.0086	.04240	42.423
#2	.17931	.46188	.00173	.00475	-.00402	.0113	.04319	42.221
#3	.17902	.47271	.00131	-.00153	-.00433	.0089	.04312	39.959

Sample Name: K4129-20 Acquired: 8/5/2019 23:55:03 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 2S-E1-E4-(30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.774
Stddev	5.769
%RSD	36.574

#1	21.688
#2	10.161
#3	15.473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.2	23657.	1564.7	22.359	2015.1
Stddev	3.0	138.	11.4	1.183	2.0
%RSD	.15327	.58294	.72829	5.2914	.10123

#1	1974.1	23527.	1577.0	21.486	2014.3
#2	1972.9	23642.	1562.7	23.706	2013.6
#3	1978.6	23802.	1554.4	21.886	2017.4

Sample Name: K4130-21 Acquired: 8/5/2019 23:59:30 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-F1-F4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	-.00813	.00088	.00206	.00040	.08813	.16396	.00004
Stddev	.00101	.00059	.00061	.00613	.00093	.00753	.00129	.00007
%RSD	52.297	7.2355	68.996	297.20	233.79	8.5450	.78524	148.36

#1	.00078	-.00775	.00069	.00820	.00054	.09440	.16250	.00010
#2	.00234	-.00881	.00039	-.00406	.00125	.09022	.16491	.00006
#3	.00268	-.00784	.00157	.00204	-.00060	.07977	.16449	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	48.130	-.00040	.00060	.00409	.01628	.22162	21.323
Stddev	.00005	.112	.00014	.00025	.00029	.00022	.00138	.367
%RSD	16.150	.23233	33.972	42.133	6.9900	1.3741	.62339	1.7233

#1	.00029	48.036	-.00044	.00045	.00390	.01653	.22277	21.441
#2	.00023	48.100	-.00052	.00088	.00394	.01619	.22009	20.911
#3	.00032	48.254	-.00025	.00045	.00442	.01610	.22201	21.616

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00116	350.37	-.00027	.31134	1.2747	.00023	.01818
Stddev	.00044	.00046	.48	.00045	.00036	.0168	.00009	.00556
%RSD	1110.0	39.602	.13725	165.08	.11467	1.3201	38.162	30.586

#1	-.00046	-.00063	349.81	-.00019	.31173	1.2870	.00017	.01914
#2	-.00008	-.00147	350.65	-.00075	.31127	1.2555	.00033	.02320
#3	.00042	-.00137	350.64	.00013	.31102	1.2815	.00019	.01220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11009	.29678	.00046	-.00166	.00097	.0071	.05441	40.514
Stddev	.00620	.00189	.00148	.00333	.00218	.0012	.00013	1.782
%RSD	5.6310	.63552	322.28	200.30	225.59	17.51	.23201	4.3977

#1	.11725	.29841	.00199	.00044	-.00142	.0067	.05439	39.408
#2	.10643	.29471	.00036	.00008	.00147	.0085	.05429	42.569
#3	.10660	.29723	-.00097	-.00551	.00285	.0061	.05454	39.564

Sample Name: K4130-21 Acquired: 8/5/2019 23:59:30 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-F1-F4-COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 18.321
Stddev .595
%RSD 3.2456

#1 19.006
#2 17.949
#3 18.007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.2	23571.	1549.5	21.909	2028.5
Stddev	12.1	95.	5.7	.681	8.9
%RSD	.60659	.40470	.36690	3.1070	.43996

#1	1979.9	23462.	1543.2	22.344	2018.2
#2	1996.2	23611.	1551.0	21.125	2033.7
#3	2003.6	23640.	1554.3	22.259	2033.6

Sample Name: K4130-26 Acquired: 8/6/2019 0:03:57 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-F1-F4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00664	-.00047	.00313	.00215	.09368	.16136	-.00003
Stddev	.00300	.00096	.00025	.00551	.00307	.01557	.00373	.00010
%RSD	408.52	14.448	52.971	175.78	142.87	16.615	2.3099	323.78

#1	-.00210	-.00721	-.00075	.00638	.00158	.09463	.15804	-.00013
#2	.00042	-.00718	-.00034	-.00323	.00547	.07766	.16064	-.00005
#3	.00387	-.00553	-.00031	.00625	-.00060	.10875	.16539	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	15.294	-.00045	.00136	.00427	.03327	.36927	6.1107
Stddev	.00008	.245	.00048	.00036	.00063	.00062	.00190	.1649
%RSD	112.74	1.6039	105.27	26.442	14.732	1.8737	.51561	2.6980

#1	-.00001	15.011	-.00100	.00099	.00421	.03292	.36985	6.1028
#2	.00006	15.451	-.00023	.00139	.00367	.03399	.36714	5.9499
#3	.00015	15.419	-.00013	.00170	.00492	.03290	.37081	6.2794

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00059	368.69	-.00060	.07763	1.3398	-.00030	.00259
Stddev	.00047	.00076	5.52	.00008	.00016	.0208	.00030	.01839
%RSD	508.81	129.52	1.4984	13.528	.20203	1.5521	97.584	711.47

#1	-.00027	-.00077	363.49	-.00058	.07781	1.3637	-.00059	-.00489
#2	-.00045	.00025	368.09	-.00053	.07757	1.3302	-.00000	-.01089
#3	.00044	-.00125	374.49	-.00069	.07752	1.3256	-.00032	.02354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13836	.39079	.00064	-.00151	-.00011	.0062	.04465	33.787
Stddev	.00171	.00689	.00092	.00352	.00257	.0016	.00034	3.454
%RSD	1.2385	1.7621	143.24	232.30	2444.4	25.14	.75868	10.223

#1	.13797	.39449	-.00036	-.00164	-.00304	.0080	.04431	37.357
#2	.14023	.39503	.00145	.00207	.00095	.0054	.04467	30.462
#3	.13687	.38284	.00083	-.00497	.00177	.0051	.04498	33.541

Sample Name: K4130-26 Acquired: 8/6/2019 0:03:57 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-F1-F4-COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.836
Stddev 4.498
%RSD 38.008

#1 10.639
#2 16.811
#3 8.0562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.8	23781.	1558.0	22.398	2026.9
Stddev	12.7	135.	17.4	1.233	11.7
%RSD	.63998	.56785	1.1184	5.5067	.57719

#1	1975.2	23812.	1551.2	21.756	2016.3
#2	1987.5	23898.	1545.0	21.618	2025.1
#3	2000.7	23633.	1577.8	23.820	2039.4

Sample Name: K4130-31 Acquired: 8/6/2019 0:08:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-G-(0-30)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	-.00805	.00093	.00232	-.00114	.15545	.21777	.00013
Stddev	.00224	.00189	.00081	.00310	.00374	.01095	.00281	.00005
%RSD	48.758	23.487	86.836	133.73	328.71	7.0438	1.2909	34.742

#1	.00317	-.01009	.00140	.00331	.00132	.16621	.21562	.00010
#2	.00718	-.00767	-.00000	-.00116	-.00544	.15583	.21672	.00011
#3	.00344	-.00637	.00140	.00480	.00071	.14432	.22095	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	28.826	-.00034	.00289	.00436	.07846	.59502	13.578
Stddev	.00008	.189	.00031	.00027	.00018	.00036	.00117	.161
%RSD	50.018	.65434	93.747	9.4394	4.1912	.46086	.19683	1.1856

#1	.00018	28.673	-.00056	.00280	.00442	.07805	.59370	13.398
#2	.00023	28.768	.00002	.00267	.00416	.07873	.59545	13.631
#3	.00007	29.037	-.00048	.00320	.00451	.07860	.59592	13.706

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00029	351.91	-.00119	.10561	1.7859	.00001	.00682
Stddev	.00050	.00030	1.97	.00071	.00031	.0387	.00012	.02471
%RSD	31.118	102.00	.55866	60.200	.28924	2.1655	791.79	362.18

#1	.00216	-.00020	350.18	-.00059	.10537	1.8266	-.00011	.01314
#2	.00143	-.00063	351.50	-.00198	.10552	1.7816	.00012	.02777
#3	.00120	-.00005	354.05	-.00099	.10596	1.7496	.00003	-.02043

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25007	.48853	-.00067	.00698	-.00092	.0062	.04328	36.888
Stddev	.00285	.00360	.00144	.00264	.00166	.0019	.00022	2.519
%RSD	1.1393	.73694	215.47	37.816	179.84	31.01	.49952	6.8283

#1	.24771	.49067	-.00220	.00397	-.00252	.0067	.04314	37.143
#2	.24927	.49055	.00068	.00892	-.00105	.0041	.04353	34.251
#3	.25323	.48438	-.00049	.00804	.00080	.0078	.04318	39.269

Sample Name: K4130-31 Acquired: 8/6/2019 0:08:23 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-G-(0-30)- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.796
 Stddev 1.451
 %RSD 10.516

#1 12.215
 #2 14.106
 #3 15.067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.8	24027.	1585.4	22.851	2054.9
Stddev	10.9	77.	11.5	.233	9.3
%RSD	.54213	.31941	.72703	1.0215	.45432

#1	2019.7	23939.	1573.4	22.845	2055.8
#2	2003.5	24074.	1586.4	23.088	2045.1
#3	2024.2	24070.	1596.4	22.621	2063.7

Sample Name: K4130-34 Acquired: 8/6/2019 0:12:50 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-L-(0-30)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00956	.00037	-.00021	-.00007	.10768	.17905	.00010
Stddev	.00544	.00059	.00065	.00320	.00132	.02890	.00323	.00013
%RSD	410.24	6.1947	176.98	1524.8	1768.9	26.842	1.8047	121.44

#1	.00083	-.01008	.00098	-.00007	.00145	.13251	.17588	-.00003
#2	.00700	-.00892	-.00032	.00292	-.00083	.11458	.17892	.00013
#3	-.00385	-.00968	.00045	-.00348	-.00084	.07595	.18234	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	31.642	-.00019	.00062	.00489	.01449	.20882	14.424
Stddev	.00003	.337	.00016	.00033	.00042	.00093	.00043	.205
%RSD	36.407	1.0656	85.485	52.390	8.5005	6.4009	.20464	1.4238

#1	.00009	31.256	-.00005	.00047	.00445	.01484	.20860	14.258
#2	.00010	31.879	-.00014	.00039	.00496	.01520	.20931	14.359
#3	.00005	31.791	-.00036	.00099	.00527	.01344	.20854	14.654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00038	353.56	.00003	.07153	1.6869	-.00003	-.00677
Stddev	.00056	.00066	4.23	.00069	.00013	.0550	.00029	.01094
%RSD	69.316	173.88	1.1953	2018.1	.18134	3.2587	898.29	161.73

#1	.00032	.00028	350.41	.00050	.07139	1.6639	-.00031	-.01316
#2	.00142	-.00104	351.90	.00037	.07153	1.6472	-.00004	.00587
#3	.00068	-.00038	358.36	-.00076	.07165	1.7496	.00026	-.01301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14317	.56652	.00099	.00050	-.00142	.0048	.04949	37.853
Stddev	.00616	.00308	.00042	.00370	.00137	.0023	.00039	1.573
%RSD	4.2997	.54340	42.600	735.43	96.480	46.99	.79127	4.1542

#1	.14212	.56577	.00139	.00380	-.00300	.0031	.04905	39.309
#2	.14978	.56991	.00055	.00120	-.00051	.0039	.04960	38.065
#3	.13760	.56389	.00101	-.00350	-.00076	.0073	.04981	36.186

Sample Name: K4130-34 Acquired: 8/6/2019 0:12:50 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-L-(0-30)- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.537
 Stddev 3.321
 %RSD 22.843

#1 10.751
 #2 16.954
 #3 15.907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.2	23893.	1595.1	22.292	2040.3
Stddev	5.9	47.	19.7	.713	7.9
%RSD	.29389	.19871	1.2346	3.1989	.38701

#1	1994.4	23878.	1583.5	21.693	2032.1
#2	2004.8	23946.	1584.1	22.101	2047.8
#3	2004.4	23854.	1617.9	23.081	2041.1

Sample Name: K4130-37 Acquired: 8/6/2019 0:17:17 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-M-(0-30)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00852	.00046	-.00108	.00346	.08333	.20980	.00004
Stddev	.00186	.00061	.00158	.00137	.00017	.01723	.00124	.00012
%RSD	483.65	7.1571	339.05	127.09	4.8841	20.675	.58958	289.88

#1	-.00119	-.00899	.00192	-.00011	.00365	.06829	.20896	-.00003
#2	.00244	-.00783	.00068	-.00265	.00333	.10213	.21122	.00018
#3	-.00009	-.00874	-.00121	-.00048	.00340	.07958	.20922	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	20.295	-.00008	.00013	.02477	.01662	.11409	8.9713
Stddev	.00002	.173	.00068	.00030	.00072	.00047	.00048	.1202
%RSD	62.450	.85183	872.40	234.67	2.9068	2.8241	.42023	1.3396

#1	-.00005	20.296	.00040	-.00009	.02480	.01608	.11464	9.0550
#2	-.00003	20.122	.00022	.00046	.02403	.01683	.11381	8.8336
#3	-.00001	20.467	-.00086	.00001	.02547	.01694	.11381	9.0253

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00063	418.43	-.00029	.09197	2.4514	-.00018	.02296
Stddev	.00017	.00108	4.85	.00082	.00044	.0353	.00061	.01625
%RSD	12.916	170.36	1.1580	283.50	.47839	1.4415	336.55	70.807

#1	.00121	.00000	419.57	.00065	.09166	2.4618	-.00063	.04172
#2	.00153	-.00188	413.11	-.00079	.09178	2.4121	.00052	.01389
#3	.00126	-.00002	422.60	-.00073	.09247	2.4805	-.00043	.01326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14864	.36477	.00037	.00361	.00275	.0096	.04197	35.804
Stddev	.00437	.00287	.00097	.00354	.00148	.0017	.00018	6.006
%RSD	2.9374	.78546	260.42	98.112	53.778	17.67	.43034	16.776

#1	.14755	.36575	.00082	.00764	.00394	.0082	.04184	38.648
#2	.15344	.36154	-.00074	.00214	.00322	.0115	.04191	28.904
#3	.14492	.36701	.00103	.00104	.00109	.0091	.04218	39.859

Sample Name: K4130-37 Acquired: 8/6/2019 0:17:17 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-M-(0-30)- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.883
 Stddev 3.850
 %RSD 27.731

#1 10.274
 #2 17.935
 #3 13.440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.7	23860.	1570.5	21.887	2032.1
Stddev	7.0	137.	9.7	.247	2.5
%RSD	.34889	.57427	.61621	1.1274	.12486

#1	1993.2	23752.	1561.7	21.632	2031.2
#2	1996.5	24014.	1580.8	22.125	2030.2
#3	2006.6	23815.	1569.0	21.905	2035.0

Sample Name: K4130-40 Acquired: 8/6/2019 0:21:51 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-H-(0-30)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	-.00724	-.00095	.00540	.00118	.09168	.17590	.00004
Stddev	.00480	.00100	.00250	.00218	.00149	.01799	.00129	.00014
%RSD	193.26	13.861	262.45	40.417	125.67	19.622	.73105	412.15

#1	.00627	-.00796	-.00123	.00288	-.00032	.08014	.17504	.00013
#2	.00410	-.00609	.00167	.00656	.00122	.08250	.17529	.00010
#3	-.00292	-.00767	-.00330	.00674	.00265	.11241	.17738	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	34.947	.00008	.00037	.00379	.01522	.15641	17.325
Stddev	.00012	.234	.00034	.00015	.00032	.00089	.00081	.173
%RSD	163.98	.67076	419.57	39.062	8.5731	5.8811	.52045	1.0009

#1	-.00006	34.681	.00025	.00051	.00408	.01619	.15633	17.369
#2	.00016	35.041	.00030	.00022	.00344	.01503	.15563	17.134
#3	.00012	35.121	-.00031	.00039	.00384	.01443	.15726	17.472

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00084	313.97	.00006	.40553	1.4013	-.00004	.00888
Stddev	.00077	.00019	1.55	.00020	.00120	.0519	.00047	.00654
%RSD	251.72	23.126	.49342	361.15	.29596	3.7020	1309.8	73.673

#1	-.00015	-.00070	312.26	-.00011	.40688	1.3439	-.00056	.00139
#2	.00038	-.00107	314.35	.00000	.40512	1.4149	.00036	.01173
#3	-.00114	-.00076	315.29	.00028	.40458	1.4450	.00009	.01350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11756	.31828	-.00004	.00293	.00061	.0044	.04212	26.283
Stddev	.00433	.00206	.00073	.00213	.00129	.0027	.00035	8.154
%RSD	3.6794	.64623	2021.0	72.922	212.35	60.27	.81987	31.023

#1	.11468	.32029	-.00070	.00350	-.00054	.0073	.04176	17.098
#2	.11546	.31838	.00074	.00056	.00036	.0020	.04216	32.668
#3	.12253	.31618	-.00015	.00471	.00200	.0040	.04245	29.083

Sample Name: K4130-40 Acquired: 8/6/2019 0:21:51 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-H-(0-30)- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 17.390
Stddev 1.209
%RSD 6.9512

#1 16.744
#2 16.641
#3 18.785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.9	23946.	1582.6	23.189	2039.1
Stddev	2.5	44.	9.8	.684	.8
%RSD	.12503	.18483	.61950	2.9484	.03728

#1	2002.3	23939.	1577.8	23.362	2039.6
#2	1997.3	23906.	1576.1	23.770	2038.2
#3	2000.0	23994.	1593.9	22.436	2039.5

Sample Name: K4131-21 Acquired: 8/6/2019 0:26:18 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-D1-D4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00938	.00122	.00356	-.00082	.47679	.22297	.00013
Stddev	.00058	.00146	.00086	.00429	.00145	.01506	.00506	.00006
%RSD	31.026	15.547	70.348	120.62	178.28	3.1584	2.2715	48.200

#1	.00128	-.00884	.00036	.00699	-.00201	.46363	.21806	.00019
#2	.00185	-.00826	.00122	.00494	-.00124	.47353	.22268	.00008
#3	.00244	-.01102	.00208	-.00125	.00080	.49321	.22817	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	26.807	.00040	.00040	.00475	.46767	.16201	13.076
Stddev	.00014	.086	.00019	.00010	.00029	.00212	.00089	.288
%RSD	544.57	.31902	46.917	24.965	6.1944	.45258	.55201	2.2003

#1	-.00016	26.709	.00031	.00037	.00450	.46620	.16101	12.884
#2	-.00004	26.867	.00062	.00052	.00508	.46671	.16230	12.938
#3	.00012	26.844	.00027	.00033	.00468	.47009	.16273	13.407

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00034	358.97	.00018	.06707	2.4795	.00000	.03683
Stddev	.00051	.00057	5.52	.00079	.00007	.0375	.00030	.00556
%RSD	219.56	169.78	1.5378	447.59	.11027	1.5141	7034.3	15.086

#1	.00075	-.00063	353.82	-.00036	.06708	2.4911	-.00034	.03397
#2	.00024	.00032	358.28	.00108	.06714	2.4375	.00013	.04323
#3	-.00028	-.00070	364.80	-.00019	.06699	2.5099	.00022	.03328

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28019	.73100	-.00056	.01847	.00042	.0213	.03455	31.227
Stddev	.00334	.00757	.00120	.00211	.00196	.0017	.00009	2.350
%RSD	1.1910	1.0362	215.03	11.435	471.28	7.889	.27228	7.5249

#1	.28031	.73728	-.00180	.01978	-.00174	.0231	.03451	33.189
#2	.28347	.73312	-.00049	.01960	.00209	.0207	.03465	28.623
#3	.27680	.72258	.00061	.01604	.00090	.0199	.03448	31.869

Sample Name: K4131-21 Acquired: 8/6/2019 0:26:18 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-D1-D4-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.055
Stddev	.813
%RSD	3.8611

#1	21.247
#2	21.755
#3	20.164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.9	23871.	1561.4	21.484	2039.9
Stddev	11.0	64.	18.9	.523	10.9
%RSD	.55200	.26826	1.2093	2.4360	.53651

#1	2010.1	23900.	1543.0	20.889	2051.8
#2	1988.7	23915.	1560.4	21.873	2030.4
#3	1994.9	23797.	1580.7	21.691	2037.4

Sample Name: K4131-26 Acquired: 8/6/2019 0:30:44 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-D1-D4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	-.00917	.00043	.00096	-.00043	.08139	.18273	.00013
Stddev	.00024	.00233	.00109	.00249	.00274	.01989	.00219	.00014
%RSD	7.7700	25.428	255.45	260.79	633.66	24.435	1.1989	110.60

#1	.00328	-.00961	.00117	.00108	-.00307	.06022	.18026	.00005
#2	.00281	-.01125	-.00083	.00339	.00239	.08428	.18443	.00004
#3	.00313	-.00665	.00093	-.00160	-.00061	.09967	.18350	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	49.072	-.00054	.00316	.00303	.01089	.61757	25.251
Stddev	.00006	.312	.00010	.00009	.00022	.00036	.00118	.499
%RSD	374.43	.63615	18.160	2.8944	7.1220	3.2721	.19092	1.9756

#1	.00008	48.715	-.00047	.00316	.00316	.01118	.61692	24.777
#2	-.00004	49.294	-.00066	.00325	.00278	.01049	.61685	25.204
#3	.00002	49.208	-.00051	.00306	.00315	.01100	.61893	25.771

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00042	346.57	-.00126	.06465	1.7171	.00005	-.02623
Stddev	.00015	.00075	2.73	.00021	.00038	.0949	.00030	.04560
%RSD	10.605	176.25	.78884	16.376	.58581	5.5255	629.14	173.85

#1	.00127	.00028	343.65	-.00141	.06426	1.6451	.00006	-.03478
#2	.00145	-.00035	347.00	-.00133	.06501	1.6817	-.00026	-.06696
#3	.00157	-.00120	349.07	-.00102	.06469	1.8246	.00034	.02304

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14138	.27320	.00128	-.00143	.00033	.0038	.04677	34.902
Stddev	.00316	.00423	.00073	.00066	.00141	.0012	.00027	1.503
%RSD	2.2332	1.5473	57.255	46.212	430.87	31.52	.57051	4.3060

#1	.14418	.26872	.00045	-.00156	-.00122	.0046	.04673	35.044
#2	.13795	.27712	.00184	-.00203	.00155	.0042	.04705	33.333
#3	.14200	.27377	.00154	-.00072	.00066	.0024	.04652	36.328

Sample Name: K4131-26 Acquired: 8/6/2019 0:30:44 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-D1-D4-COM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.361
 Stddev 1.134
 %RSD 6.9333

#1 15.278
 #2 16.265
 #3 17.541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.3	23974.	1597.6	22.410	2042.4
Stddev	7.6	40.	8.2	1.599	7.5
%RSD	.38116	.16830	.51587	7.1370	.36930

#1	2008.8	23960.	1589.7	20.650	2051.0
#2	1998.0	24019.	1596.9	23.774	2039.2
#3	1994.1	23942.	1606.1	22.807	2037.0

Sample Name: K4131-31 Acquired: 8/6/2019 0:35:12 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-E1-E4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00835	-.00002	.00291	.00050	.07066	.18038	.00006
Stddev	.00162	.00113	.00098	.00260	.00030	.02175	.00363	.00009
%RSD	160.82	13.503	4103.2	89.156	60.387	30.786	2.0133	156.75

#1	.00216	-.00953	.00060	.00074	.00040	.06747	.17619	-.00000
#2	.00171	-.00729	-.00115	.00221	.00026	.05068	.18241	.00001
#3	-.00084	-.00822	.00048	.00579	.00084	.09383	.18255	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	49.656	-.00048	.00049	.00339	.00968	.27780	25.341
Stddev	.00013	.365	.00020	.00044	.00040	.00040	.00057	.304
%RSD	204.33	.73605	42.169	88.385	11.856	4.1077	.20653	1.1984

#1	.00006	49.244	-.00068	.00001	.00296	.00953	.27725	25.010
#2	-.00006	49.942	-.00028	.00086	.00375	.00938	.27778	25.606
#3	.00020	49.781	-.00046	.00061	.00347	.01013	.27839	25.406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00048	340.41	-.00047	.05189	2.2844	.00016	.02063
Stddev	.00024	.00116	3.97	.00089	.00006	.0127	.00024	.01785
%RSD	28.402	242.42	1.1648	187.89	.12121	.55395	154.62	86.551

#1	.00092	.00115	335.88	-.00051	.05196	2.2890	.00031	.02222
#2	.00058	-.00086	343.27	.00043	.05187	2.2942	.00028	.00203
#3	.00104	.00116	342.07	-.00135	.05184	2.2701	-.00012	.03764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12709	.35076	-.00008	.00028	.00009	.0037	.04540	43.297
Stddev	.00457	.00257	.00107	.00302	.00363	.0024	.00019	3.477
%RSD	3.5970	.73242	1421.5	1068.8	3851.5	64.49	.40943	8.0300

#1	.13201	.35371	.00018	.00196	.00428	.0013	.04522	47.032
#2	.12631	.34950	.00084	-.00320	-.00229	.0036	.04538	40.155
#3	.12297	.34906	-.00125	.00209	-.00170	.0061	.04559	42.703

Sample Name: K4131-31 Acquired: 8/6/2019 0:35:12 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-E1-E4-COM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.462
 Stddev 2.629
 %RSD 21.096

#1 14.518
 #2 9.4996
 #3 13.368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.9	23735.	1573.5	22.765	2025.9
Stddev	5.4	64.	10.9	.866	5.6
%RSD	.27335	.26768	.69181	3.8035	.27680

#1	1990.2	23806.	1561.3	23.247	2031.5
#2	1980.9	23683.	1577.1	23.282	2025.7
#3	1980.6	23717.	1582.2	21.765	2020.3

Sample Name: CCV13 Acquired: 8/6/2019 0:39:40 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1395	5.1423	5.1397	5.2103	5.1419	10.102	10.166
Stddev	.0136	.0023	.0014	.0235	.0108	.082	.074
%RSD	.26515	.04480	.02767	.45067	.21019	.80690	.72634

#1	5.1349	5.1407	5.1395	5.2311	5.1491	10.017	10.086
#2	5.1549	5.1414	5.1384	5.2149	5.1471	10.110	10.232
#3	5.1289	5.1450	5.1412	5.1848	5.1295	10.179	10.179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25937	2.5453	26.215	1.0130	2.5545	1.2910	5.2403
Stddev	.00079	.0015	.325	.0017	.0041	.0009	.0103
%RSD	.30309	.06078	1.2380	.16860	.16101	.07099	.19641

#1	.25939	2.5435	25.840	1.0138	2.5533	1.2901	5.2520
#2	.26015	2.5460	26.397	1.0141	2.5511	1.2910	5.2366
#3	.25857	2.5463	26.408	1.0110	2.5591	1.2919	5.2324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6049	25.767	2.5471	1.2802	25.459	2.5781	2.5239
Stddev	.0055	.075	.0007	.0008	.109	.0054	.0009
%RSD	.21262	.29177	.02780	.06444	.42864	.21000	.03665

#1	2.6075	25.681	2.5468	1.2797	25.354	2.5840	2.5246
#2	2.6087	25.819	2.5466	1.2797	25.572	2.5767	2.5242
#3	2.5986	25.801	2.5480	1.2811	25.452	2.5734	2.5228

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.177	5.1967	4.9517	5.1045	5.0827	5.0808	5.1713
Stddev	.192	.0086	.0660	.0126	.0185	.0139	.0555
%RSD	.76291	.16555	1.3326	.24593	.36336	.27341	1.0736

#1	24.955	5.1937	4.8837	5.0922	5.0630	5.0648	5.1075
#2	25.285	5.2064	4.9561	5.1173	5.0855	5.0890	5.2086
#3	25.291	5.1900	5.0154	5.1040	5.0997	5.0887	5.1979

Sample Name: CCV13 Acquired: 8/6/2019 0:39:40 Type: Unk
Method: P4-ICP2(v3319) 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	5.0341	5.294	5.1958	F 22.213	4.7295
Stddev	.0201	.006	.0428	1.550	1.6323
%RSD	.39934	.1178	.82289	6.9785	34.512

#1	5.0196	5.287	5.1514	22.050	4.1499
#2	5.0571	5.296	5.2367	23.838	3.4662
#3	5.0257	5.299	5.1991	20.751	6.5725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.9	25320.	1604.2	21.819	2105.6
Stddev	1.0	132.	7.7	.631	2.1
%RSD	.04862	.52223	.47875	2.8938	.09890

#1	2073.9	25238.	1602.2	21.634	2104.1
#2	2075.0	25249.	1597.8	21.300	2108.0
#3	2075.9	25472.	1612.7	22.522	2104.7

Sample Name: CCB13 Acquired: 8/6/2019 0:43:40 Type: Unk
Method: P4-ICP2(v3319) 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	-.00078	-.00169	-.00255	.00406	.00171	-.01467	.00150
Stddev	.00225	.00081	.00090	.00208	.00341	.01908	.00139
%RSD	288.82	48.119	35.293	51.328	199.02	130.02	92.473

#1	.00031	-.00078	-.00351	.00344	.00553	-.03646	.00231
#2	-.00337	-.00193	-.00242	.00235	.00065	-.00096	-.00010
#3	.00072	-.00234	-.00172	.00638	-.00104	-.00660	.00230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00003	.00703	-.00013	.00018	-.00091	.00045
Stddev	.00006	.00007	.01904	.00031	.00007	.00041	.00046
%RSD	130.29	226.78	270.75	238.06	37.172	45.350	102.94

#1	-.00001	-.00010	-.01487	-.00045	.00026	-.00058	.00034
#2	.00005	.00004	.01966	-.00010	.00015	-.00137	.00095
#3	.00010	-.00003	.01630	.00016	.00014	-.00077	.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.09174	.00056	-.00032	.20304	-.00009	-.00005
Stddev	.00008	.05968	.00015	.00078	.00865	.00045	.00005
%RSD	275.42	65.056	26.300	240.40	4.2615	498.36	99.477

#1	-.00005	-.12396	.00061	.00009	.19308	-.00054	-.00006
#2	.00002	-.12840	.00039	-.00123	.20730	.00036	-.00009
#3	.00011	-.02287	.00066	.00016	.20873	-.00009	.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06126	.00099	-.00043	-.00361	.00219	-.00208	-.00077
Stddev	.03341	.00025	.01333	.00761	.00197	.00065	.00106
%RSD	54.526	24.726	3117.2	210.90	89.871	31.061	138.47

#1	.08879	.00127	.01275	.00448	.00423	-.00154	-.00160
#2	.02410	.00080	-.00013	-.00467	.00030	-.00192	.00043
#3	.07090	.00091	-.01390	-.01063	.00205	-.00280	-.00114

Sample Name: CCB13 Acquired: 8/6/2019 0:43:40 Type: Unk
Method: P4-ICP2(v3319) 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	-0.00366	-0.0016	-0.00009	F<.00000	F 6.5804
Stddev	.00125	.0001	.00005	2.2664	1.6649
%RSD	34.332	8.164	62.381	16.795	25.301

#1	-0.00491	-0.0017	-0.00015	-13.426	7.1262
#2	-0.00365	-0.0016	-0.00005	-11.264	4.7111
#3	-0.00241	-0.0015	-0.00006	-15.795	7.9039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.9	26150.	1621.1	23.458	2321.2
Stddev	9.6	43.	14.7	1.042	10.9
%RSD	.44798	.16280	.90856	4.4429	.46787

#1	2138.2	26157.	1604.2	22.330	2316.7
#2	2148.9	26188.	1630.9	23.660	2333.6
#3	2129.7	26104.	1628.3	24.385	2313.3

Sample Name: K4131-36 Acquired: 8/6/2019 0:48:10 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-E1-E4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00505	-.00724	-.00027	.00797	-.00016	.06023	.15334	.00004
Stddev	.00365	.00327	.00123	.00265	.00047	.00800	.00288	.00002
%RSD	72.240	45.185	455.32	33.190	289.20	13.289	1.8774	53.623

#1	.00876	-.00369	-.00157	.00589	-.00019	.06052	.15011	.00006
#2	.00147	-.00788	.00086	.00707	.00032	.05208	.15426	.00002
#3	.00491	-.01014	-.00010	.01095	-.00062	.06808	.15565	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	34.504	-.00032	.00032	.00159	.01232	.22042	18.354
Stddev	.00004	.234	.00018	.00019	.00040	.00102	.00124	.370
%RSD	51.703	.67805	54.455	59.457	25.084	8.2906	.56153	2.0154

#1	-.00004	34.257	-.00015	.00016	.00201	.01207	.22185	17.992
#2	-.00011	34.535	-.00051	.00027	.00152	.01344	.21974	18.339
#3	-.00006	34.721	-.00031	.00053	.00123	.01144	.21967	18.731

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	-.00101	305.69	-.00029	.03540	2.5540	.00017	-.00565
Stddev	.00013	.00063	2.97	.00046	.00020	.0958	.00029	.00905
%RSD	20.857	62.659	.97192	161.76	.56428	3.7510	169.19	160.15

#1	.00074	-.00101	302.28	-.00065	.03535	2.4459	.00000	-.01508
#2	.00049	-.00037	307.72	-.00044	.03523	2.6285	.00050	-.00483
#3	.00057	-.00163	307.07	.00024	.03562	2.5874	.00000	.00296

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10678	.32759	.00133	.00056	-.00273	.0012	.03345	35.789
Stddev	.00491	.00694	.00100	.00257	.00168	.0011	.00025	1.733
%RSD	4.6010	2.1171	75.434	461.98	61.540	95.37	.74096	4.8416

#1	.10260	.33555	.00160	-.00064	-.00255	.0022	.03322	34.952
#2	.11219	.32285	.00217	-.00119	-.00449	.0013	.03342	34.633
#3	.10555	.32437	.00022	.00350	-.00115	-.0000	.03371	37.781

Sample Name: K4131-36 Acquired: 8/6/2019 0:48:10 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-E1-E4-COM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.727
 Stddev 1.230
 %RSD 10.486

#1 10.323
 #2 12.611
 #3 12.246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.1	23895.	1580.0	21.243	2063.0
Stddev	13.8	74.	9.3	1.971	12.1
%RSD	.68287	.31050	.59081	9.2788	.58672

#1	2000.6	23884.	1569.4	19.081	2050.9
#2	2020.9	23827.	1583.4	22.940	2062.9
#3	2026.8	23974.	1587.2	21.708	2075.1

Sample Name: K4135-21 Acquired: 8/6/2019 0:52:39 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-A1-A4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00522	-.00012	.00006	.00162	.07808	.13752	.00008
Stddev	.00255	.00109	.00079	.00162	.00247	.01692	.00116	.00007
%RSD	276.47	20.954	650.92	2860.6	152.93	21.667	.84593	96.816

#1	-.00171	-.00637	.00014	.00186	.00425	.09449	.13624	.00013
#2	.00338	-.00509	-.00101	-.00128	-.00065	.07907	.13781	.00011
#3	.00110	-.00419	.00050	-.00041	.00124	.06069	.13852	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	12.278	-.00027	-.00008	.00259	.02111	.06585	4.2638
Stddev	.00006	.096	.00030	.00018	.00015	.00148	.00096	.1101
%RSD	62.793	.77946	109.78	225.38	5.7589	7.0213	1.4625	2.5815

#1	-.00012	12.173	.00002	.00010	.00259	.01940	.06504	4.3452
#2	-.00016	12.299	-.00058	-.00007	.00244	.02192	.06691	4.1386
#3	-.00003	12.360	-.00025	-.00027	.00274	.02202	.06559	4.3076

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	-.00085	337.31	-.00032	.03457	2.1835	.00006	.00384
Stddev	.00087	.00030	1.72	.00059	.00029	.0343	.00007	.02434
%RSD	167.16	35.513	.51115	183.55	.85041	1.5719	112.42	633.76

#1	-.00066	-.00064	335.70	-.00097	.03479	2.1438	.00013	.02267
#2	-.00131	-.00072	337.10	.00017	.03467	2.2033	-.00001	-.02365
#3	.00041	-.00120	339.13	-.00016	.03423	2.2033	.00006	.01250

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14050	.49950	-.00106	.00127	-.00183	.0067	.04260	35.734
Stddev	.00268	.00813	.00049	.00356	.00181	.0017	.00043	3.414
%RSD	1.9069	1.6277	45.855	280.36	98.950	25.07	1.0155	9.5526

#1	.14187	.49066	-.00131	-.00259	-.00123	.0086	.04214	38.963
#2	.14222	.50666	-.00137	.00443	-.00386	.0054	.04266	32.162
#3	.13741	.50116	-.00050	.00196	-.00039	.0060	.04300	36.079

Sample Name: K4135-21 Acquired: 8/6/2019 0:52:39 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-A1-A4-COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.584
Stddev 1.399
%RSD 11.120

#1 13.218
#2 13.555
#3 10.980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.7	23845.	1562.3	23.124	2049.2
Stddev	6.7	20.	9.6	1.439	10.8
%RSD	.33549	.08387	.61158	6.2222	.52771

#1	1992.5	23832.	1573.0	22.015	2037.0
#2	2005.8	23868.	1559.5	24.750	2057.6
#3	2000.8	23835.	1554.5	22.607	2052.9

Sample Name: K4135-26 Acquired: 8/6/2019 0:57:07 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-A1-A4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00684	-.00213	-.00057	.00261	.06003	.12364	.00006
Stddev	.00613	.00214	.00066	.00262	.00048	.03153	.00043	.00007
%RSD	590.64	31.238	30.809	462.28	18.293	52.516	.35002	108.63

#1	.00038	-.00738	-.00249	-.00329	.00302	.02757	.12388	.00014
#2	.00747	-.00448	-.00252	.00193	.00209	.09053	.12314	.00002
#3	-.00474	-.00865	-.00137	-.00034	.00273	.06199	.12390	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	8.2780	-.00044	-.00009	.00199	.02209	.09331	2.5105
Stddev	.00006	.0947	.00059	.00056	.00040	.00116	.00034	.0381
%RSD	60.330	1.1444	134.72	623.73	19.884	5.2432	.36910	1.5163

#1	-.00015	8.2088	.00009	-.00013	.00232	.02256	.09344	2.5159
#2	-.00010	8.3860	-.00033	.00049	.00155	.02294	.09356	2.4700
#3	-.00004	8.2392	-.00107	-.00063	.00211	.02077	.09291	2.5455

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00045	292.90	-.00029	.02994	1.8675	.00000	.00424
Stddev	.00018	.00146	.98	.00029	.00037	.0213	.00025	.01035
%RSD	93.776	326.21	.33615	102.52	1.2501	1.1429	6020.2	244.05

#1	-.00001	-.00161	292.35	-.00053	.03033	1.8807	.00026	-.00643
#2	.00024	.00119	294.03	-.00037	.02959	1.8429	-.00023	.01425
#3	.00033	-.00092	292.31	.00004	.02991	1.8789	-.00002	.00490

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13247	.37351	-.00159	.00225	-.00226	.0044	.03291	33.031
Stddev	.00356	.00196	.00076	.00472	.00134	.0019	.00025	3.788
%RSD	2.6910	.52350	47.669	209.91	59.146	42.14	.77488	11.468

#1	.13658	.37131	-.00195	-.00320	-.00158	.0062	.03272	34.647
#2	.13054	.37506	-.00211	.00487	-.00141	.0046	.03320	28.703
#3	.13028	.37416	-.00072	.00507	-.00380	.0025	.03280	35.743

Sample Name: K4135-26 Acquired: 8/6/2019 0:57:07 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-A1-A4-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.424
Stddev	3.333
%RSD	29.171

#1	12.374
#2	7.7199
#3	14.179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.4	23794.	1569.6	23.132	2068.4
Stddev	14.4	153.	12.6	1.477	21.0
%RSD	.71697	.64421	.80225	6.3827	1.0172

#1	1991.0	23690.	1577.6	24.746	2045.3
#2	2019.5	23722.	1555.1	21.849	2086.3
#3	2008.7	23970.	1576.1	22.802	2073.8

Sample Name: K4135-31 Acquired: 8/6/2019 1:01:37 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-B1-B4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00661	.00430	-.00129	.00173	.04570	.15386	.00013
Stddev	.00138	.00025	.00079	.00140	.00121	.02308	.00159	.00007
%RSD	244.13	3.7897	18.327	108.12	70.056	50.498	1.0361	51.460

#1	-.00193	-.00672	.00366	-.00290	.00308	.02974	.15221	.00005
#2	.00084	-.00679	.00518	-.00063	.00075	.03520	.15397	.00016
#3	-.00061	-.00632	.00406	-.00035	.00136	.07216	.15539	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	20.045	-.00008	.00001	.00291	.01535	.05530	9.1524
Stddev	.00016	.120	.00026	.00031	.00080	.00045	.00044	.0727
%RSD	320.04	.59642	324.54	2137.8	27.377	2.9516	.79368	.79409

#1	.00021	19.990	.00015	-.00033	.00378	.01484	.05480	9.1990
#2	-.00011	19.964	-.00003	.00026	.00275	.01548	.05562	9.1896
#3	.00004	20.183	-.00036	.00011	.00221	.01572	.05548	9.0687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00064	346.21	-.00019	.10339	1.5712	-.00007	.02170
Stddev	.00020	.00081	3.50	.00020	.00013	.0669	.00009	.01717
%RSD	129.62	127.10	1.0123	104.66	.12487	4.2545	130.62	79.128

#1	-.00004	-.00154	342.16	-.00017	.10341	1.6483	.00003	.00206
#2	.00036	.00003	348.40	-.00000	.10350	1.5363	-.00010	.03389
#3	.00015	-.00040	348.06	-.00041	.10325	1.5290	-.00014	.02915

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11714	.43188	.00166	-.00173	-.00394	.0098	.04402	31.215
Stddev	.00270	.00410	.00029	.00152	.00044	.0026	.00040	2.764
%RSD	2.3018	.95044	17.724	87.559	11.135	26.35	.90880	8.8535

#1	.11709	.43662	.00146	.00002	-.00349	.0127	.04393	33.440
#2	.11986	.42954	.00153	-.00263	-.00397	.0089	.04367	32.083
#3	.11447	.42947	.00200	-.00259	-.00437	.0078	.04446	28.121

Sample Name: K4135-31 Acquired: 8/6/2019 1:01:37 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-B1-B4-COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 14.578
Stddev .619
%RSD 4.2429

#1 13.865
#2 14.974
#3 14.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.6	23790.	1562.3	21.429	2052.6
Stddev	7.6	33.	9.6	1.622	9.3
%RSD	.37911	.13732	.61323	7.5701	.45254

#1	2008.7	23828.	1552.7	19.557	2043.2
#2	2023.2	23772.	1571.8	22.411	2061.8
#3	2011.8	23770.	1562.3	22.321	2052.9

Sample Name: K4135-36 Acquired: 8/6/2019 1:06:05 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-B1-B4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00396	-.00773	-.00017	.00259	.00268	.08052	.19640	.00002
Stddev	.00277	.00082	.00097	.00527	.00228	.01000	.00293	.00002
%RSD	70.063	10.548	559.96	203.51	84.972	12.424	1.4909	116.11

#1	.00707	-.00748	.00063	.00867	.00262	.08306	.19532	.00002
#2	.00303	-.00865	.00010	-.00046	.00044	.08902	.19416	.00003
#3	.00176	-.00707	-.00125	-.00045	.00500	.06950	.19971	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	34.909	-.00005	.00004	.00261	.00644	.13999	9.4714
Stddev	.00003	.504	.00049	.00023	.00034	.00098	.00064	.1589
%RSD	19.087	1.4436	936.14	530.93	12.976	15.263	.45743	1.6778

#1	.00012	34.709	-.00052	-.00012	.00300	.00743	.14072	9.3066
#2	.00017	34.536	.00046	.00030	.00251	.00641	.13967	9.4840
#3	.00014	35.483	-.00010	-.00006	.00234	.00547	.13957	9.6236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00112	309.69	-.00042	.49475	1.4430	-.00047	.03925
Stddev	.00026	.00050	2.42	.00057	.00322	.0110	.00012	.03265
%RSD	57.741	44.631	.78118	138.04	.65071	.76379	25.057	83.205

#1	.00042	-.00112	309.73	-.00088	.49666	1.4305	-.00034	.01334
#2	.00021	-.00062	307.24	-.00060	.49655	1.4474	-.00056	.07592
#3	.00073	-.00162	312.08	.00023	.49103	1.4512	-.00051	.02848

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18270	.33593	-.00022	.00060	.00046	.0037	.05704	31.383
Stddev	.00313	.00367	.00088	.00253	.00239	.0011	.00086	.661
%RSD	1.7118	1.0921	405.52	420.61	518.80	29.65	1.5000	2.1073

#1	.18519	.33316	.00079	.00342	.00084	.0036	.05690	31.208
#2	.18373	.34009	-.00070	-.00013	-.00210	.0048	.05626	32.114
#3	.17919	.33454	-.00074	-.00148	.00264	.0026	.05795	30.827

Sample Name: K4135-36 Acquired: 8/6/2019 1:06:05 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-B1-B4-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.349
Stddev	4.356
%RSD	30.357

#1	17.611
#2	16.034
#3	9.4026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.1	23678.	1557.8	21.835	2039.4
Stddev	16.4	99.	8.4	1.436	14.8
%RSD	.82463	.41938	.53710	6.5760	.72715

#1	1990.8	23583.	1548.3	22.138	2036.5
#2	1976.3	23781.	1560.9	23.095	2026.3
#3	2009.1	23671.	1564.2	20.271	2055.5

Sample Name: K4136-11 Acquired: 8/6/2019 1:10:32 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-C1-C4-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00697	-.00109	.00418	.00002	.07814	.15871	.00004
Stddev	.00260	.00103	.00155	.00335	.00181	.00886	.00160	.00007
%RSD	182.48	14.783	141.47	80.079	8743.4	11.338	1.0058	174.77

#1	.00105	-.00730	.00009	.00042	.00030	.07800	.15692	.00009
#2	-.00413	-.00581	-.00285	.00682	.00168	.06935	.15919	.00007
#3	-.00119	-.00779	-.00053	.00530	-.00191	.08706	.16001	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	46.009	-.00039	-.00023	.00257	.01450	.10392	24.591
Stddev	.00007	.167	.00046	.00011	.00057	.00058	.00094	.251
%RSD	72.967	.36263	118.44	48.407	22.158	3.9906	.90149	1.0215

#1	-.00009	45.822	-.00012	-.00014	.00319	.01510	.10477	24.305
#2	-.00003	46.144	-.00013	-.00020	.00244	.01443	.10292	24.774
#3	-.00016	46.060	-.00092	-.00036	.00207	.01395	.10407	24.696

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00091	325.54	-.00050	.02647	1.4145	.00000	.00964
Stddev	.00049	.00095	1.75	.00041	.00013	.0099	.00017	.01437
%RSD	47.085	104.41	.53840	80.995	.48057	.69972	6971.4	149.04

#1	-.00159	-.00136	323.85	-.00013	.02633	1.4097	-.00019	.02356
#2	-.00067	-.00156	327.35	-.00094	.02655	1.4259	.00014	.01052
#3	-.00086	.00018	325.41	-.00044	.02654	1.4080	.00006	-.00515

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11883	.38558	-.00022	-.00085	-.00036	.0042	.04700	28.699
Stddev	.00315	.00559	.00077	.00246	.00147	.0025	.00040	1.881
%RSD	2.6506	1.4500	355.69	288.23	404.18	59.33	.85236	6.5532

#1	.12239	.39197	-.00110	-.00312	.00133	.0066	.04673	26.736
#2	.11639	.38322	.00015	.00176	-.00124	.0045	.04746	28.877
#3	.11772	.38156	.00030	-.00121	-.00118	.0016	.04682	30.485

Sample Name: K4136-11 Acquired: 8/6/2019 1:10:32 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-C1-C4-COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.502
Stddev 1.733
%RSD 11.176

#1 15.587
#2 13.729
#3 17.191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.5	23710.	1564.7	22.010	2025.5
Stddev	2.8	84.	6.9	.520	4.1
%RSD	.13989	.35220	.44283	2.3606	.20207

#1	1988.4	23656.	1557.3	22.499	2029.7
#2	1982.8	23668.	1571.0	22.069	2021.5
#3	1985.3	23806.	1565.8	21.464	2025.4

Sample Name: K4136-16 Acquired: 8/6/2019 1:15:00 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 1S-C1-C4-COM Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00611	.00003	-.00028	.00082	.11958	.16547	.00007
Stddev	.00126	.00086	.00043	.00266	.00162	.00813	.00325	.00012
%RSD	314.73	14.131	1335.7	961.21	197.40	6.7994	1.9650	163.93

#1	-.00088	-.00669	.00023	.00027	-.00063	.12897	.16182	.00018
#2	.00163	-.00653	-.00046	.00207	.00052	.11479	.16805	-.00006
#3	.00045	-.00512	.00033	-.00317	.00258	.11498	.16653	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	32.458	.00009	-.00026	.00276	.05655	.18659	16.371
Stddev	.00011	.237	.00040	.00019	.00022	.00066	.00055	.164
%RSD	413.83	.73086	459.01	72.620	7.8373	1.1731	.29423	.99925

#1	.00008	32.225	.00048	-.00044	.00298	.05579	.18712	16.201
#2	.00011	32.699	-.00032	-.00006	.00255	.05704	.18663	16.527
#3	-.00010	32.451	.00010	-.00028	.00274	.05681	.18602	16.387

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00029	314.36	-.00001	.03585	1.5696	-.00005	-.00576
Stddev	.00088	.00077	3.13	.00059	.00011	.0583	.00034	.01036
%RSD	157.59	266.39	.99475	7940.1	.29761	3.7175	617.30	179.90

#1	-.00157	-.00062	310.75	-.00059	.03578	1.6047	-.00036	-.01769
#2	-.00003	.00059	316.08	.00059	.03597	1.6019	-.00011	-.00042
#3	-.00007	-.00083	316.25	-.00002	.03580	1.5023	.00031	.00084

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13379	.46977	.00046	.00184	.00288	.0038	.04727	37.380
Stddev	.00214	.00134	.00032	.00116	.00158	.0027	.00038	2.118
%RSD	1.6002	.28552	69.161	63.269	54.794	70.12	.80703	5.6657

#1	.13198	.47100	.00020	.00226	.00463	.0069	.04684	39.564
#2	.13615	.46834	.00036	.00052	.00245	.0020	.04740	37.242
#3	.13325	.46997	.00081	.00273	.00156	.0026	.04756	35.335

Sample Name: K4136-16 Acquired: 8/6/2019 1:15:00 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 1S-C1-C4-COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 14.692
Stddev .918
%RSD 6.2482

#1 14.964
#2 15.442
#3 13.668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.4	23704.	1558.3	22.346	2048.5
Stddev	20.7	52.	15.4	.557	20.0
%RSD	1.0301	.22093	.98573	2.4927	.97668

#1	1982.3	23684.	1542.5	21.703	2026.6
#2	2011.9	23665.	1559.4	22.666	2053.0
#3	2022.1	23764.	1573.1	22.671	2065.8

Sample Name: K4090-02 Acquired: 8/6/2019 1:19:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00686	-.00100	.00310	.00055	.12992	.09423	.00003
Stddev	.00133	.00090	.00165	.00408	.00141	.01873	.00233	.00005
%RSD	66.039	13.075	165.23	131.49	258.10	14.418	2.4708	164.71

#1	.00165	-.00789	-.00192	.00775	-.00043	.13878	.09154	.00009
#2	.00090	-.00649	.00090	.00146	-.00010	.10840	.09546	.00001
#3	.00348	-.00621	-.00197	.00010	.00216	.14258	.09568	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	22.345	-.00058	.00266	.00507	.41468	.44054	1.7377
Stddev	.00007	.061	.00024	.00026	.00045	.00635	.00098	.0367
%RSD	497.12	.27453	41.234	9.8310	8.8320	1.5312	.22309	2.1107

#1	-.00001	22.279	-.00035	.00296	.00559	.41008	.43961	1.7108
#2	-.00009	22.356	-.00056	.00245	.00483	.41204	.44157	1.7795
#3	.00005	22.401	-.00082	.00258	.00481	.42193	.44043	1.7227

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	-.00095	315.91	-.00105	.03453	.97109	-.00032	.00484
Stddev	.00039	.00051	2.32	.00067	.00008	.06920	.00021	.01067
%RSD	24.234	53.723	.73538	64.110	.23388	7.1261	66.813	220.48

#1	.00116	-.00129	313.44	-.00040	.03444	1.0283	-.00056	.00941
#2	.00181	-.00036	316.23	-.00099	.03457	.89416	-.00016	-.00735
#3	.00186	-.00119	318.05	-.00174	.03458	.99085	-.00023	.01245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37621	1.1078	-.00121	.00471	-.00552	.0050	.07445	26.139
Stddev	.00488	.0146	.00088	.00294	.00129	.0018	.00017	4.636
%RSD	1.2977	1.3173	72.375	62.374	23.444	35.94	.22548	17.735

#1	.38136	1.1111	-.00108	.00593	-.00450	.0062	.07454	31.475
#2	.37562	1.0918	-.00041	.00685	-.00698	.0030	.07425	23.842
#3	.37165	1.1204	-.00215	.00136	-.00508	.0060	.07454	23.100

Sample Name: K4090-02 Acquired: 8/6/2019 1:19:29 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.985
Stddev	3.027
%RSD	18.933

#1	13.632
#2	14.925
#3	19.400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.1	24115.	1591.0	22.441	2090.8
Stddev	17.6	49.	18.4	.867	17.1
%RSD	.85957	.20217	1.1560	3.8641	.81657

#1	2047.3	24060.	1570.3	21.826	2087.2
#2	2070.4	24153.	1605.4	22.064	2109.4
#3	2035.7	24133.	1597.4	23.433	2075.9

Sample Name: K4090-02DUP Acquired: 8/6/2019 1:23:55 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00582	-.00150	.00220	.00015	.14873	.09389	.00005
Stddev	.00195	.00064	.00178	.00510	.00177	.01721	.00187	.00005
%RSD	594.81	10.957	119.13	231.29	1221.3	11.575	1.9909	95.908

#1	-.00043	-.00543	-.00330	.00249	-.00138	.15898	.09179	.00010
#2	-.00113	-.00547	.00026	.00715	.00209	.15834	.09535	.00005
#3	.00254	-.00655	-.00145	-.00303	-.00027	.12885	.09455	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	22.321	-.00025	.00273	.00437	.41552	.43734	1.6488
Stddev	.00008	.082	.00042	.00042	.00013	.00406	.00113	.0883
%RSD	341.34	.36894	169.33	15.390	3.0661	.97656	.25841	5.3587

#1	-.00005	22.250	.00017	.00320	.00450	.41223	.43797	1.5480
#2	-.00009	22.303	-.00068	.00259	.00423	.42005	.43603	1.6851
#3	.00007	22.411	-.00023	.00240	.00438	.41426	.43801	1.7131

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00033	314.50	-.00065	.03481	.92951	-.00048	-.01451
Stddev	.00055	.00070	3.03	.00054	.00013	.05613	.00032	.01333
%RSD	27.535	214.22	.96208	83.380	.38061	6.0385	66.328	91.868

#1	.00257	-.00047	311.96	-.00039	.03489	.88526	-.00059	-.01634
#2	.00197	-.00095	313.69	-.00029	.03466	.99264	-.00073	-.00036
#3	.00147	.00044	317.85	-.00127	.03489	.91061	-.00012	-.02682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37995	1.1106	-.00099	.00258	-.00201	.0064	.07414	24.164
Stddev	.00933	.0088	.00246	.00430	.00083	.0014	.00040	5.897
%RSD	2.4553	.79219	248.60	166.68	41.223	22.24	.54230	24.404

#1	.37104	1.1162	.00147	-.00136	-.00136	.0061	.07401	30.596
#2	.37915	1.1151	-.00346	.00193	-.00295	.0052	.07381	22.883
#3	.38964	1.1004	-.00098	.00717	-.00174	.0080	.07459	19.013

Sample Name: K4090-02DUP Acquired: 8/6/2019 1:23:55 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.584
Stddev	3.676
%RSD	22.164

#1	19.659
#2	17.580
#3	12.513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.1	24035.	1576.2	21.678	2068.8
Stddev	6.2	31.	18.1	1.446	3.6
%RSD	.30865	.12995	1.1463	6.6702	.17281

#1	2021.8	24067.	1559.5	22.117	2066.5
#2	2017.6	24035.	1573.7	20.063	2067.1
#3	2029.9	24004.	1595.4	22.853	2072.9

Sample Name: K4090-02LX5 Acquired: 8/6/2019 1:28:22 Type: Unk
Method: P4-ICP2(v3319) 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	.00157	-.00391	-.00210	-.00040	-.00035	.02436	.01912	-.00005
Stddev	.00141	.00109	.00025	.00212	.00194	.00591	.00113	.00010
%RSD	90.040	27.880	11.867	530.00	549.61	24.272	5.8901	221.35

#1	.00005	-.00266	-.00236	.00032	-.00210	.03023	.01785	-.00016
#2	.00181	-.00439	-.00208	.00127	-.00068	.02444	.01999	.00004
#3	.00284	-.00467	-.00186	-.00279	.00173	.01841	.01952	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	4.5453	.00022	.00066	.00108	.08557	.09115	.24122
Stddev	.00004	.0876	.00046	.00026	.00042	.00127	.00009	.01737
%RSD	58.232	1.9263	209.80	38.793	38.937	1.4868	.09957	7.2001

#1	-.00010	4.4555	.00071	.00087	.00150	.08413	.09110	.22644
#2	-.00002	4.6304	-.00019	.00038	.00065	.08653	.09126	.26035
#3	-.00007	4.5499	.00013	.00074	.00110	.08605	.09110	.23687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00046	62.795	-.00062	.00680	.26899	.00020	-.00683
Stddev	.00051	.00048	.561	.00066	.00008	.02845	.00024	.01825
%RSD	195.12	103.81	.89323	106.63	1.1110	10.576	119.52	267.26

#1	-.00011	-.00039	62.256	-.00097	.00686	.23923	.00021	-.02580
#2	.00085	-.00002	62.755	-.00102	.00683	.29591	-.00005	.01059
#3	.00005	-.00097	63.375	.00014	.00672	.27183	.00043	-.00527

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06885	.23457	-.00276	.00087	-.00075	.0032	.01489	15.915
Stddev	.00139	.00133	.00133	.00261	.00078	.0013	.00011	1.866
%RSD	2.0146	.56659	48.203	298.10	104.80	40.28	.72196	11.726

#1	.07043	.23306	-.00145	-.00154	-.00047	.0022	.01482	17.400
#2	.06780	.23507	-.00274	.00052	-.00163	.0028	.01483	13.820
#3	.06833	.23557	-.00411	.00364	-.00014	.0047	.01501	16.525

Sample Name: K4090-02LX5 Acquired: 8/6/2019 1:28:22 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.1594
Stddev .4231
%RSD 4.6196

#1 9.4209
#2 8.6712
#3 9.3860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.0	24859.	1577.0	22.959	2212.4
Stddev	4.9	103.	8.7	1.018	8.1
%RSD	.23665	.41492	.54949	4.4339	.36447

#1	2082.8	24778.	1568.7	24.125	2219.3
#2	2078.2	24975.	1576.4	22.251	2214.2
#3	2073.0	24824.	1586.0	22.500	2203.5

Sample Name: CCV14 Acquired: 8/6/2019 1:32:52 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1519	5.1690	5.1520	5.2287	5.1683	10.283	10.332
Stddev	.0117	.0075	.0080	.0042	.0139	.085	.055
%RSD	.22793	.14548	.15607	.07976	.26902	.82995	.53677

#1	5.1653	5.1604	5.1430	5.2249	5.1795	10.191	10.302
#2	5.1471	5.1742	5.1545	5.2332	5.1726	10.296	10.396
#3	5.1434	5.1725	5.1585	5.2279	5.1527	10.360	10.297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26209	2.5547	26.211	1.0229	2.5641	1.2935	5.2839
Stddev	.00119	.0022	.179	.0001	.0019	.0046	.0050
%RSD	.45373	.08546	.68159	.00722	.07289	.35535	.09545

#1	.26294	2.5522	26.052	1.0230	2.5619	1.2982	5.2821
#2	.26073	2.5557	26.176	1.0229	2.5650	1.2931	5.2895
#3	.26260	2.5563	26.404	1.0228	2.5654	1.2891	5.2799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6164	26.153	2.5607	1.2951	25.848	2.6018	2.5312
Stddev	.0044	.299	.0012	.0007	.146	.0037	.0003
%RSD	.16743	1.1439	.04697	.05227	.56353	.14400	.01067

#1	2.6157	26.027	2.5604	1.2957	25.781	2.6050	2.5309
#2	2.6125	25.937	2.5596	1.2944	26.015	2.5977	2.5314
#3	2.6211	26.494	2.5620	1.2952	25.747	2.6028	2.5313

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.644	5.2253	5.0688	5.0988	5.0540	5.1120	5.2144
Stddev	.149	.0112	.0280	.0148	.0133	.0138	.0422
%RSD	.58059	.21440	.55165	.28954	.26373	.27000	.80959

#1	25.536	5.2357	5.0485	5.1124	5.0441	5.1102	5.1780
#2	25.583	5.2268	5.0572	5.1009	5.0692	5.1266	5.2044
#3	25.814	5.2134	5.1007	5.0831	5.0487	5.0992	5.2607

Sample Name: CCV14 Acquired: 8/6/2019 1:32:52 Type: Unk
Method: P4-ICP2(v3319) 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	5.0824	5.326	5.2218	F 28.955	5.1816
Stddev	.0351	.011	.0422	4.048	4.7521
%RSD	.69149	.1979	.80767	13.981	91.710

#1	5.0531	5.315	5.1864	30.631	2.4913
#2	5.1213	5.327	5.2685	24.338	2.3850
#3	5.0726	5.336	5.2104	31.897	10.669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.2	24710.	1585.4	22.126	2079.2
Stddev	7.2	92.	8.3	.784	1.4
%RSD	.35002	.37365	.52320	3.5411	.06505

#1	2038.7	24659.	1586.9	21.664	2078.1
#2	2044.1	24654.	1576.5	23.031	2078.9
#3	2052.9	24817.	1592.8	21.684	2080.7

Sample Name: CCB14 Acquired: 8/6/2019 1:36:52 Type: Unk
Method: P4-ICP2(v3319) 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	.00004	-.00336	-.00179	-.00126	-.00008	-.00981	.00122
Stddev	.00080	.00115	.00066	.00094	.00174	.00936	.00069
%RSD	1860.0	34.101	37.155	74.737	2079.1	95.501	56.180

#1	-.00073	-.00444	-.00145	-.00020	.00007	-.00181	.00111
#2	.00087	-.00349	-.00136	-.00201	.00157	-.02011	.00196
#3	-.00001	-.00215	-.00255	-.00156	-.00190	-.00750	.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	.00091	-.00055	-.00008	-.00091	.00020
Stddev	.00002	.00009	.03217	.00036	.00031	.00013	.00093
%RSD	77.487	333.97	3523.4	65.506	378.85	13.770	453.33

#1	.00003	-.00001	.00419	-.00076	.00021	-.00080	-.00067
#2	.00000	-.00004	.03132	-.00075	-.00005	-.00104	.00011
#3	.00004	.00012	-.03277	-.00013	-.00041	-.00089	.00118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.07917	.00027	-.00070	.20470	-.00005	-.00035
Stddev	.00006	.09296	.00059	.00042	.00891	.00035	.00012
%RSD	222.33	117.41	215.35	59.858	4.3526	642.05	34.498

#1	.00004	.02737	.00081	-.00109	.21003	.00030	-.00026
#2	-.00008	-.14371	.00036	-.00076	.20966	-.00007	-.00030
#3	-.00005	-.12117	-.00035	-.00025	.19442	-.00040	-.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01216	.00080	-.01792	-.00514	.00377	-.00159	.00269
Stddev	.02448	.00049	.03149	.00041	.00330	.00007	.00538
%RSD	201.30	60.852	175.78	7.9684	87.561	4.6645	200.05

#1	.03098	.00135	-.04834	-.00467	.00091	-.00156	.00856
#2	.02103	.00042	.01455	-.00536	.00302	-.00153	-.00200
#3	-.01552	.00063	-.01995	-.00540	.00738	-.00167	.00150

Sample Name: CCB14 Acquired: 8/6/2019 1:36:52 Type: Unk
Method: P4-ICP2(v3319) 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	-.00270	.0017	-.00004	F 4.2814	F 8.5446
Stddev	.00038	.0007	.00024	2.2441	2.3152
%RSD	14.234	39.29	630.85	52.414	27.096

#1	-.00282	.0015	.00023	6.5252	5.9095
#2	-.00300	.0024	-.00011	4.2820	10.253
#3	-.00227	.0011	-.00023	2.0371	9.4716

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.6	25435.	1583.8	23.172	2275.2
Stddev	15.9	41.	16.0	1.626	15.4
%RSD	.75902	.16176	1.0079	7.0178	.67521

#1	2081.0	25388.	1580.9	24.505	2258.6
#2	2099.0	25456.	1569.6	21.360	2278.1
#3	2112.7	25461.	1601.1	23.650	2288.9

Sample Name: K4090-02MS Acquired: 8/6/2019 1:41:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 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	.79759	1.9730	1.0278	2.0097	.81697	2.2249	.30915	.20637	.20258
Stddev	.00544	.0041	.0016	.0089	.00213	.0399	.00489	.00048	.00056
%RSD	.68192	.20801	.15271	.44157	.26128	1.7955	1.5814	.23035	.27725

#1	.79487	1.9772	1.0278	2.0097	.81453	2.1955	.30351	.20686	.20241
#2	.80385	1.9727	1.0263	2.0186	.81848	2.2088	.31207	.20632	.20213
#3	.79405	1.9690	1.0294	2.0008	.81789	2.2704	.31187	.20592	.20321

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.772	.41742	.20951	.31906	3.6079	.63142	3.8434	.51746	.07402
Stddev	.262	.00146	.00020	.00018	.0078	.00075	.0890	.00175	.00133
%RSD	1.1507	.34958	.09504	.05699	.21507	.11911	2.3143	.33915	1.7995

#1	22.798	.41817	.20956	.31911	3.6059	.63153	3.8567	.51745	.07376
#2	22.498	.41835	.20929	.31922	3.6164	.63211	3.7486	.51571	.07284
#3	23.020	.41574	.20968	.31886	3.6013	.63062	3.9250	.51922	.07546

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	308.01	.33013	.23887	11.627	.42161	.32507	.35240	2.0701	.71668
Stddev	2.31	.00425	.00027	.112	.00077	.01104	.00343	.0330	.00200
%RSD	.75155	1.2879	.11417	.96098	.18255	3.3950	.97351	1.5951	.27961

#1	305.54	.33153	.23875	11.499	.42241	.31583	.34869	2.1029	.71624
#2	308.37	.32536	.23868	11.682	.42087	.32210	.35307	2.0368	.71493
#3	310.13	.33351	.23919	11.701	.42154	.33729	.35545	2.0707	.71887

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21300	.21589	6.489	.28264	36.314	17.352			
Stddev	.00082	.00339	.008	.00357	4.145	2.465			
%RSD	.38563	1.5705	.1193	1.2623	11.414	14.205			

#1	.21373	.21676	6.494	.28380	38.820	19.132			
#2	.21211	.21215	6.480	.27864	38.593	18.384			
#3	.21316	.21877	6.493	.28548	31.530	14.539			

Sample Name: K4090-02MS Acquired: 8/6/2019 1:41:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 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	2014.0	23915.	1572.0	23.059	2057.5
Stddev	5.9	22.	29.4	1.073	10.8
%RSD	.29512	.09055	1.8675	4.6543	.52648
#1	2007.6	23940.	1541.4	22.495	2050.3
#2	2019.4	23904.	1600.0	24.296	2069.9
#3	2014.9	23901.	1574.6	22.384	2052.2

Sample Name: K4090-02MSD Acquired: 8/6/2019 1:45:34 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 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	.79912	1.9732	1.0245	2.0135	.81718	2.2015	.30795	.20674	.20221
Stddev	.00376	.0060	.0010	.0009	.00210	.0152	.00162	.00088	.00031
%RSD	.47094	.30492	.09917	.04413	.25703	.68834	.52579	.42695	.15447

#1	.80047	1.9791	1.0235	2.0145	.81732	2.1859	.30623	.20754	.20213
#2	.80203	1.9671	1.0255	2.0128	.81922	2.2161	.30944	.20579	.20194
#3	.79487	1.9735	1.0244	2.0131	.81502	2.2026	.30819	.20687	.20255

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.114	.41818	.20929	.32019	3.6135	.63138	3.7735	.51793	.07250
Stddev	.323	.00164	.00034	.00193	.0073	.00156	.0721	.00085	.00081
%RSD	1.3954	.39272	.16294	.60193	.20063	.24689	1.9094	.16471	1.1221

#1	22.909	.41998	.20961	.32237	3.6218	.63299	3.6957	.51716	.07276
#2	22.947	.41677	.20893	.31946	3.6085	.62988	3.8380	.51778	.07159
#3	23.486	.41780	.20934	.31873	3.6102	.63128	3.7868	.51884	.07315

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	308.81	.33018	.23833	11.703	.42259	.32975	.35587	2.1058	.71390
Stddev	1.43	.00203	.00043	.138	.00123	.01613	.00670	.0167	.00244
%RSD	.46405	.61409	.18080	1.1786	.29005	4.8915	1.8828	.79398	.34248

#1	308.48	.33252	.23874	11.625	.42394	.31222	.35869	2.1085	.71302
#2	310.38	.32896	.23788	11.862	.42226	.33307	.36070	2.0878	.71202
#3	307.57	.32907	.23836	11.622	.42156	.34396	.34822	2.1209	.71667

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21119	.22158	6.475	.28582	28.141	16.180			
Stddev	.00566	.00352	.019	.00348	4.136	1.544			
%RSD	2.6823	1.5875	.2954	1.2189	14.696	9.5413			

#1	.20670	.21954	6.469	.28420	32.270	15.350			
#2	.20930	.21956	6.496	.28345	23.999	15.229			
#3	.21755	.22564	6.459	.28982	28.154	17.961			

Sample Name: K4090-02MSD Acquired: 8/6/2019 1:45:34 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 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	2024.2	23862.	1548.6	22.709	2069.7
Stddev	6.5	117.	16.9	1.020	4.9
%RSD	.32060	.48894	1.0900	4.4903	.23902
#1	2017.2	23766.	1548.6	22.141	2064.3
#2	2025.5	23827.	1565.5	23.886	2070.6
#3	2030.0	23992.	1531.7	22.100	2074.1

Sample Name: K4090-02A Acquired: 8/6/2019 1:49:43 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PL-02-080119 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	.80035	1.9813	1.0281	2.0160	.82057	2.2346	.30641	.20664	.20281
Stddev	.00231	.0068	.0015	.0076	.00167	.0662	.00313	.00047	.00030
%RSD	.28915	.34208	.14485	.37798	.20307	2.9608	1.0227	.22981	.14759

#1	.79878	1.9890	1.0291	2.0245	.82243	2.1625	.30383	.20628	.20312
#2	.79926	1.9765	1.0264	2.0097	.82006	2.2925	.30990	.20647	.20281
#3	.80301	1.9783	1.0289	2.0138	.81922	2.2490	.30550	.20718	.20252

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.093	.42199	.21051	.32070	3.6375	.63280	3.7603	.51965	.07397
Stddev	.175	.00280	.00036	.00302	.0056	.00139	.0251	.00117	.00054
%RSD	.75980	.66270	.16867	.94091	.15430	.22020	.66781	.22536	.72717

#1	22.891	.42074	.21021	.31897	3.6348	.63120	3.7524	.52094	.07371
#2	23.204	.42004	.21090	.31894	3.6337	.63345	3.7400	.51937	.07361
#3	23.184	.42520	.21040	.32418	3.6439	.63375	3.7884	.51865	.07459

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	307.94	.33171	.23891	11.754	.42314	.29961	.35001	2.1116	.71694
Stddev	2.26	.00179	.00018	.199	.00257	.00677	.00945	.0075	.00371
%RSD	.73383	.53981	.07431	1.6962	.60675	2.2580	2.6995	.35577	.51732

#1	305.71	.33109	.23875	11.566	.42375	.29394	.35825	2.1030	.71868
#2	310.23	.33031	.23910	11.963	.42032	.29778	.35209	2.1166	.71947
#3	307.86	.33372	.23888	11.733	.42534	.30710	.33969	2.1152	.71269

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21424	.22338	6.506	.28636	33.922	13.666			
Stddev	.00320	.00163	.027	.00180	5.481	1.698			
%RSD	1.4917	.72928	.4116	.62965	16.156	12.423			

#1	.21174	.22159	6.535	.28438	38.779	15.198			
#2	.21784	.22377	6.483	.28791	27.981	11.841			
#3	.21314	.22477	6.501	.28680	35.007	13.960			

Sample Name: K4090-02A Acquired: 8/6/2019 1:49:43 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PL-02-080119 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	1999.0	23850.	1538.6	22.763	2042.9
Stddev	3.7	80.	4.7	1.496	4.4
%RSD	.18630	.33562	.30504	6.5732	.21511
#1	1997.8	23884.	1535.5	22.236	2042.4
#2	2003.1	23758.	1544.0	24.452	2038.8
#3	1996.0	23907.	1536.3	21.602	2047.6

Sample Name: K4090-04 Acquired: 8/6/2019 1:53:54 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	-.00537	-.00053	.00305	-.00065	.07340	.09634	.00003
Stddev	.00161	.00165	.00129	.00378	.00176	.00779	.00133	.00007
%RSD	70.194	30.726	241.96	124.15	270.38	10.607	1.3786	225.05

#1	.00196	-.00509	-.00093	-.00132	.00129	.08218	.09567	.00012
#2	.00088	-.00715	.00091	.00534	-.00108	.06734	.09547	-.00001
#3	.00404	-.00388	-.00157	.00513	-.00216	.07068	.09786	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	8.0826	-.00043	.00145	.00443	.02577	.61084	.57027
Stddev	.00004	.0652	.00031	.00018	.00064	.00107	.00101	.05546
%RSD	55.997	.80692	71.814	12.283	14.414	4.1630	.16465	9.7260

#1	-.00003	8.0105	-.00071	.00166	.00404	.02700	.61052	.58339
#2	-.00007	8.0999	-.00050	.00135	.00408	.02499	.61003	.50942
#3	-.00010	8.1374	-.00010	.00135	.00517	.02533	.61197	.61799

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00071	288.47	-.00188	.02838	.58847	-.00005	-.01337
Stddev	.00039	.00032	2.02	.00032	.00016	.01410	.00018	.02475
%RSD	51.268	45.105	.70002	17.200	.54808	2.3961	360.54	185.09

#1	.00042	-.00072	286.14	-.00175	.02820	.60314	-.00015	.00275
#2	.00069	-.00038	289.60	-.00225	.02849	.57501	.00016	-.04187
#3	.00119	-.00102	289.68	-.00164	.02846	.58725	-.00016	-.00100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19255	.23595	-.00089	.00318	-.00377	.0126	.02923	33.608
Stddev	.00202	.00466	.00036	.00264	.00163	.0016	.00022	1.930
%RSD	1.0484	1.9762	40.767	82.830	43.135	12.68	.76878	5.7420

#1	.19091	.24090	-.00057	.00465	-.00347	.0108	.02897	35.652
#2	.19481	.23529	-.00128	.00014	-.00232	.0138	.02934	33.354
#3	.19194	.23165	-.00080	.00476	-.00553	.0131	.02938	31.818

Sample Name: K4090-04 Acquired: 8/6/2019 1:53:54 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-080219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.447
Stddev .676
%RSD 6.4675

#1 10.487
#2 9.7516
#3 11.101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.4	23932.	1561.9	21.997	2072.5
Stddev	9.5	68.	19.5	.926	3.7
%RSD	.47055	.28388	1.2469	4.2118	.17955

#1	2007.2	23972.	1558.6	23.042	2068.5
#2	2025.8	23853.	1544.2	21.276	2075.8
#3	2013.3	23970.	1582.8	21.672	2073.4

Sample Name: K4095-02 Acquired: 8/6/2019 1:58:24 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	-.00768	-.00067	.00434	.00171	.09856	.10057	.00009
Stddev	.00272	.00095	.00087	.00414	.00147	.01340	.00098	.00004
%RSD	67.783	12.330	129.23	95.527	86.133	13.597	.97917	49.301

#1	.00412	-.00827	-.00014	.00733	.00267	.08328	.09953	.00014
#2	.00124	-.00659	-.00168	-.00039	.00001	.10407	.10149	.00006
#3	.00666	-.00819	-.00021	.00608	.00244	.10832	.10070	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	16.635	-.00045	.00495	.00939	.03854	.53916	4.2652
Stddev	.00015	.105	.00048	.00015	.00029	.00098	.00110	.0634
%RSD	192.25	.62976	105.15	2.9969	3.0513	2.5317	.20321	1.4873

#1	.00015	16.514	-.00032	.00496	.00963	.03742	.53789	4.2598
#2	-.00009	16.697	-.00098	.00509	.00907	.03918	.53978	4.2047
#3	.00018	16.693	-.00005	.00479	.00946	.03902	.53981	4.3312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	-.00064	309.89	-.00102	.03789	.97108	-.00048	.00571
Stddev	.00061	.00050	3.17	.00015	.00008	.04452	.00006	.02821
%RSD	22.241	78.031	1.0242	14.848	.20454	4.5850	12.973	494.20

#1	.00281	-.00008	306.86	-.00116	.03785	.92286	-.00043	-.02439
#2	.00213	-.00080	313.19	-.00086	.03784	1.0106	-.00055	.03154
#3	.00335	-.00105	309.62	-.00105	.03798	.97976	-.00045	.00997

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23374	.40072	.00083	.00046	-.00215	.0029	.03057	35.803
Stddev	.00140	.00629	.00115	.00252	.00299	.0004	.00011	4.379
%RSD	.59932	1.5707	138.70	542.30	138.58	12.39	.35690	12.232

#1	.23218	.40498	.00065	.00212	.00113	.0030	.03054	38.674
#2	.23490	.39349	-.00022	.00171	-.00288	.0032	.03048	30.762
#3	.23413	.40369	.00206	-.00243	-.00471	.0025	.03069	37.972

Sample Name: K4095-02 Acquired: 8/6/2019 1:58:24 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.520
Stddev	1.371
%RSD	10.141

#1	13.779
#2	14.744
#3	12.038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.8	23922.	1574.4	21.982	2038.9
Stddev	10.2	96.	1.5	.555	12.6
%RSD	.50858	.39968	.09399	2.5268	.62005

#1	2004.8	23979.	1574.8	22.503	2046.8
#2	2000.2	23812.	1575.6	21.398	2045.6
#3	1985.4	23976.	1572.7	22.045	2024.3

Sample Name: K4095-04 Acquired: 8/6/2019 2:02:53 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	-.00721	-.00192	-.00072	.00184	.04982	.08135	-.00006
Stddev	.00253	.00148	.00044	.00267	.00176	.01108	.00102	.00003
%RSD	112.92	20.536	23.015	368.60	95.896	22.237	1.2503	41.715

#1	-.00063	-.00654	-.00197	.00009	.00376	.05177	.08019	-.00009
#2	.00417	-.00617	-.00233	.00144	.00146	.03789	.08212	-.00005
#3	.00318	-.00890	-.00145	-.00370	.00030	.05979	.08173	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	10.225	-.00056	.00450	.00396	.02816	.93751	2.1383
Stddev	.00014	.096	.00041	.00015	.00052	.00177	.00956	.1460
%RSD	220.11	.94126	73.200	3.4145	13.081	6.2749	1.0195	6.8266

#1	.00005	10.124	-.00085	.00468	.00341	.02949	.94854	1.9764
#2	-.00021	10.315	-.00009	.00443	.00443	.02616	.93178	2.1786
#3	-.00003	10.238	-.00073	.00439	.00404	.02883	.93220	2.2599

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00051	292.34	-.00181	.03344	.60041	-.00040	.01768
Stddev	.00071	.00055	.66	.00053	.00017	.05127	.00020	.02736
%RSD	53.469	108.45	.22503	29.504	.50968	8.5389	49.515	154.77

#1	.00117	-.00015	291.94	-.00238	.03341	.54378	-.00059	.00051
#2	.00210	-.00023	293.10	-.00133	.03328	.61379	-.00019	.00330
#3	.00070	-.00114	291.99	-.00171	.03362	.64367	-.00042	.04923

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17427	.42244	-.00043	-.00037	-.00302	.0027	.03912	34.298
Stddev	.00142	.00285	.00106	.00188	.00292	.0009	.00026	10.024
%RSD	.81256	.67489	244.79	502.55	96.622	32.09	.67650	29.226

#1	.17571	.42069	-.00164	-.00022	-.00196	.0034	.03882	45.008
#2	.17288	.42573	.00035	.00142	-.00078	.0017	.03931	32.745
#3	.17422	.42090	-.00001	-.00232	-.00632	.0029	.03924	25.141

Sample Name: K4095-04 Acquired: 8/6/2019 2:02:53 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SU-02-080219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.469
Stddev .995
%RSD 8.6774

#1 11.608
#2 12.388
#3 10.412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.1	23652.	1575.8	21.883	2056.9
Stddev	3.3	205.	19.0	1.076	6.3
%RSD	.16537	.86864	1.2027	4.9159	.30717

#1	1996.3	23417.	1559.1	20.649	2050.0
#2	2002.2	23742.	1571.7	22.372	2058.5
#3	2001.9	23798.	1596.4	22.627	2062.3

Sample Name: K4124-02 Acquired: 8/6/2019 2:07:22 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	-.00991	.00795	.00196	.00116	.05502	.13642	.00001
Stddev	.00101	.00386	.00139	.00583	.00007	.01973	.00056	.00006
%RSD	15.911	39.003	17.538	297.60	6.1553	35.866	.40703	539.62

#1	.00522	-.01423	.00925	.00586	.00122	.05060	.13706	.00003
#2	.00662	-.00871	.00648	-.00474	.00119	.03787	.13614	-.00006
#3	.00718	-.00679	.00812	.00475	.00108	.07659	.13606	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	19.527	.00029	-.00006	.02116	.00921	.04502	1.8535
Stddev	.00014	.080	.00053	.00036	.00077	.00033	.00024	.1329
%RSD	102.86	.40793	178.89	643.29	3.6431	3.5453	.54155	7.1689

#1	.00011	19.456	-.00027	-.00039	.02033	.00918	.04475	1.7001
#2	.00029	19.513	.00078	.00032	.02132	.00890	.04508	1.9323
#3	.00001	19.613	.00037	-.00010	.02184	.00955	.04522	1.9282

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00059	309.48	.00064	.08018	1.0262	-.00038	.00430
Stddev	.00064	.00086	1.38	.00041	.00025	.0654	.00037	.02299
%RSD	46.897	144.42	.44531	64.441	.31696	6.3708	98.701	535.12

#1	.00163	.00039	309.19	.00079	.08033	.97588	-.00006	-.00943
#2	.00184	-.00120	308.27	.00017	.08032	1.0026	-.00028	-.00852
#3	.00064	-.00097	310.98	.00096	.07989	1.1001	-.00079	.03084

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22972	.67128	-.00000	.00167	-.00086	.0643	.09132	30.266
Stddev	.00144	.00595	.00052	.00138	.00121	.0032	.00032	3.946
%RSD	.62654	.88610	15218.	82.657	140.42	4.939	.35380	13.038

#1	.23137	.66474	.00018	.00008	-.00209	.0608	.09107	28.856
#2	.22908	.67637	-.00059	.00242	-.00082	.0652	.09120	34.724
#3	.22871	.67274	.00040	.00253	.00033	.0669	.09168	27.219

Sample Name: K4124-02 Acquired: 8/6/2019 2:07:22 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-15 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.540
 Stddev 6.828
 %RSD 38.931

#1 9.6825
 #2 22.039
 #3 20.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.0	23731.	1540.1	21.674	2056.2
Stddev	9.9	94.	3.2	.608	13.4
%RSD	.49560	.39521	.20618	2.8040	.65023

#1	1999.1	23628.	1536.7	22.141	2048.1
#2	1995.6	23811.	1540.6	20.987	2049.0
#3	2014.3	23753.	1542.9	21.894	2071.7

Sample Name: K4153-03 Acquired: 8/6/2019 2:11:48 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT-4221 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00713	-.00037	.00189	.00027	.14184	.25052	.00005
Stddev	.00068	.00175	.00212	.00185	.00006	.00891	.00124	.00007
%RSD	39.929	24.472	575.39	98.244	22.662	6.2841	.49361	137.61

#1	-.00144	-.00908	.00207	.00165	.00034	.13314	.25089	.00010
#2	-.00248	-.00661	-.00178	.00016	.00026	.15095	.25154	-.00003
#3	-.00120	-.00571	-.00140	.00385	.00022	.14143	.24915	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	3.2601	.00045	.00193	.00332	.00225	.10527	.50328
Stddev	.00009	.0309	.00008	.00025	.00026	.00033	.00070	.02465
%RSD	3838.7	.94827	17.218	13.178	7.7166	14.462	.66343	4.8974

#1	-.00008	3.2877	.00053	.00216	.00361	.00232	.10582	.47605
#2	.00010	3.2659	.00038	.00166	.00323	.00190	.10449	.50970
#3	-.00001	3.2267	.00045	.00197	.00313	.00254	.10551	.52408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00024	300.16	-.00036	.26322	.76107	-.00015	.10701
Stddev	.00079	.00032	1.17	.00038	.00068	.02215	.00016	.02573
%RSD	56.934	129.51	.39034	106.87	.25663	2.9108	103.80	24.048

#1	.00207	.00012	298.85	-.00014	.26262	.77253	.00002	.13632
#2	.00052	-.00047	300.50	-.00080	.26396	.73553	-.00018	.08810
#3	.00159	-.00038	301.12	-.00014	.26310	.77514	-.00029	.09662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3677	.25015	-.00084	-.00017	-.00136	.0013	.02198	21.389
Stddev	.0080	.00489	.00014	.00172	.00082	.0011	.00031	3.030
%RSD	.58697	1.9542	17.126	994.12	59.986	82.10	1.4203	14.165

#1	1.3588	.25562	-.00073	.00173	-.00101	.0008	.02201	18.070
#2	1.3744	.24621	-.00101	-.00063	-.00230	.0025	.02227	24.007
#3	1.3700	.24862	-.00079	-.00163	-.00078	.0006	.02165	22.089

Sample Name: K4153-03 Acquired: 8/6/2019 2:11:48 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT-4221 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.140
 Stddev 2.499
 %RSD 24.642

#1 10.379
 #2 12.510
 #3 7.5301

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.2	24129.	1574.6	22.032	2096.5
Stddev	1.5	39.	13.6	.777	2.3
%RSD	.07306	.15993	.86485	3.5267	.11171

#1	2035.4	24088.	1562.7	22.525	2099.2
#2	2035.2	24133.	1571.7	22.435	2094.9
#3	2037.9	24165.	1589.5	21.137	2095.4

Sample Name: K4155-01 Acquired: 8/6/2019 2:16:17 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TS-01_080219 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00614	-.00166	.00123	.00218	.02460	.23775	-.00002
Stddev	.00443	.00084	.00066	.00368	.00109	.01311	.00249	.00011
%RSD	237.99	13.661	39.666	300.39	50.062	53.270	1.0463	656.76

#1	.00603	-.00637	-.00151	.00120	.00125	.01345	.23497	-.00001
#2	.00234	-.00685	-.00109	.00492	.00192	.02131	.23975	-.00013
#3	-.00279	-.00521	-.00238	-.00244	.00338	.03904	.23854	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.56943	.00053	.00004	.00180	.03874	.01031	.04897
Stddev	.00004	.03514	.00028	.00009	.00067	.00101	.00000	.15982
%RSD	29.391	6.1712	51.974	248.93	37.241	2.6059	.02904	326.36

#1	-.00008	.54779	.00027	.00011	.00154	.03936	.01031	.21772
#2	-.00013	.60998	.00050	-.00006	.00130	.03757	.01031	.02930
#3	-.00015	.55053	.00082	.00006	.00256	.03928	.01031	-.10010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00109	304.37	-.00021	.19461	.42383	-.00003	.08883
Stddev	.00026	.00029	1.89	.00052	.00030	.06864	.00021	.01026
%RSD	18.878	26.870	.61975	250.48	.15255	16.196	723.13	11.546

#1	.00115	-.00141	302.80	.00034	.19454	.49020	-.00015	.07971
#2	.00167	-.00103	306.46	-.00070	.19494	.35312	-.00016	.09993
#3	.00135	-.00084	303.85	-.00026	.19436	.42819	.00022	.08685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82158	.06310	-.00109	.00339	-.00209	.0014	.00505	31.682
Stddev	.01145	.00305	.00106	.00264	.00562	.0044	.00005	3.311
%RSD	1.3931	4.8287	97.103	77.830	269.44	306.9	.99195	10.450

#1	.83292	.06530	-.00176	.00448	-.00797	.0033	.00500	28.031
#2	.81003	.06439	.00013	.00038	-.00151	.0047	.00510	34.490
#3	.82179	.05963	-.00164	.00531	.00322	-.0036	.00506	32.525

Sample Name: K4155-01 Acquired: 8/6/2019 2:16:17 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TS-01_080219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.4379
Stddev .9336
%RSD 11.064

#1 7.6129
#2 8.2496
#3 9.4513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.5	23753.	1555.2	22.236	2076.2
Stddev	4.0	101.	11.2	1.159	5.9
%RSD	.20226	.42609	.72071	5.2142	.28292

#1	1993.0	23691.	1546.4	21.516	2069.4
#2	2000.8	23698.	1551.3	23.573	2079.4
#3	1998.6	23870.	1567.8	21.618	2079.7

Sample Name: K4156-03 Acquired: 8/6/2019 2:20:45 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT1494 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	-.00599	.02715	-.00061	.00392	.04474	.50233	.00006
Stddev	.00397	.00191	.00093	.00270	.00053	.00968	.00542	.00013
%RSD	68.090	31.899	3.4156	445.79	13.506	21.644	1.0784	232.50

#1	.00134	-.00765	.02669	.00251	.00354	.05519	.49930	-.00005
#2	.00727	-.00390	.02655	-.00221	.00370	.03607	.49911	.00020
#3	.00887	-.00643	.02822	-.00212	.00452	.04296	.50859	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	5.6497	-.00008	.01524	.00593	.00114	.65606	.80217
Stddev	.00005	.0618	.00013	.00025	.00016	.00047	.00547	.03718
%RSD	27.870	1.0943	157.29	1.6171	2.6882	41.055	.83359	4.6352

#1	.00016	5.5795	-.00003	.01537	.00599	.00133	.65597	.76116
#2	.00015	5.6736	.00002	.01495	.00605	.00061	.65064	.81167
#3	.00025	5.6961	-.00023	.01539	.00575	.00149	.66158	.83368

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00111	292.27	-.00124	.30003	1.0996	-.00007	.13320
Stddev	.00070	.00045	1.94	.00077	.00058	.0385	.00043	.02906
%RSD	57.558	40.388	.66269	61.698	.19170	3.4991	578.25	21.815

#1	.00157	-.00099	291.45	-.00124	.29960	1.1413	-.00050	.12805
#2	.00041	-.00074	290.87	-.00048	.30069	1.0654	.00036	.16448
#3	.00168	-.00161	294.48	-.00201	.29981	1.0921	-.00009	.10706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0493	.63926	-.00140	.00096	-.00261	.0015	.04565	29.931
Stddev	.0059	.00572	.00077	.00093	.00175	.0017	.00014	4.114
%RSD	.56433	.89432	54.825	96.634	66.836	107.6	.30303	13.745

#1	1.0425	.64584	-.00176	.00072	-.00081	.0011	.04560	30.366
#2	1.0534	.63645	-.00052	.00018	-.00273	.0002	.04554	25.616
#3	1.0520	.63550	-.00191	.00200	-.00430	.0034	.04580	33.810

Sample Name: K4156-03 Acquired: 8/6/2019 2:20:45 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT1494 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.833
Stddev	1.905
%RSD	17.585

#1	11.598
#2	12.236
#3	8.6642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.7	24160.	1568.0	22.367	2066.4
Stddev	5.7	207.	14.9	.880	2.5
%RSD	.28476	.85491	.94976	3.9336	.11988

#1	1992.2	24017.	1552.6	22.725	2063.5
#2	2002.9	24397.	1569.2	21.364	2067.7
#3	2001.0	24066.	1582.3	23.011	2067.9

Sample Name: CCV15 Acquired: 8/6/2019 2:25:13 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8454 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2153	5.2479	5.2172	5.2950	5.2319	10.623	10.664
Stddev	.0198	.0052	.0050	.0088	.0059	.795	.760
%RSD	.37951	.09965	.09676	.16522	.11243	7.4826	7.1291

#1	5.2303	5.2494	5.2120	5.3010	5.2377	11.521	11.530
#2	5.1929	5.2421	5.2220	5.2850	5.2260	10.012	10.107
#3	5.2227	5.2523	5.2177	5.2991	5.2319	10.335	10.356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27080	2.5928	26.632	1.0627	2.6025	1.3108	F 5.5119
Stddev	.02295	.0013	.215	.0925	.0022	.0041	.4691
%RSD	8.4754	.05047	.80636	8.7020	.08361	.31388	8.5101

#1	.29630	2.5914	26.398	1.1668	2.6001	1.3097	6.0364
#2	.25179	2.5940	26.820	.99000	2.6043	1.3073	5.1328
#3	.26431	2.5931	26.679	1.0313	2.6031	1.3153	5.3664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7197	26.675	2.6040	1.3454	26.817	2.7124	2.5695
Stddev	.2294	1.821	.0024	.1087	2.002	.2291	.0011
%RSD	8.4362	6.8264	.09265	8.0767	7.4667	8.4474	.04367

#1	2.9769	28.752	2.6045	1.4676	29.102	2.9685	2.5685
#2	2.5362	25.351	2.6062	1.2597	25.369	2.5269	2.5692
#3	2.6459	25.923	2.6014	1.3088	25.979	2.6417	2.5707

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.376	5.2893	5.2473	5.1668	5.1673	5.1886	5.2489
Stddev	1.919	.0039	.3646	.0034	.0708	.0009	.0291
%RSD	7.2762	.07422	6.9477	.06624	1.3698	.01697	.55523

#1	28.561	5.2915	5.6680	5.1707	5.2331	5.1896	5.2162
#2	24.964	5.2847	5.0249	5.1652	5.0924	5.1884	5.2722
#3	25.602	5.2916	5.0489	5.1645	5.1763	5.1879	5.2583

Sample Name: CCV15 Acquired: 8/6/2019 2:25:13 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8454 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1939	5.411	5.3095	F 38.806	F 5.6258
Stddev	.0087	.012	.0208	30.433	1.0860
%RSD	.16735	.2301	.39160	78.422	19.304

#1	5.1839	5.397	5.2869	72.114	4.4330
#2	5.2001	5.422	5.3279	12.451	6.5573
#3	5.1975	5.414	5.3136	31.854	5.8873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.9	24061.	1563.8	22.466	2062.2
Stddev	4.2	1795.	4.0	.497	2.4
%RSD	.20702	7.4593	.25654	2.2129	.11632

#1	2026.1	22046.	1562.6	21.899	2059.9
#2	2033.8	25487.	1568.3	22.672	2061.8
#3	2032.9	24650.	1560.5	22.827	2064.7

Sample Name: CCB15 Acquired: 8/6/2019 2:29:14 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8454 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00216	-.00252	-.00172	-.00017	-.01671	.00076
Stddev	.00107	.00171	.00083	.00321	.00232	.00749	.00141
%RSD	45.172	79.370	32.684	186.98	1397.3	44.810	185.06

#1	.00139	-.00336	-.00301	-.00416	-.00077	-.02303	.00208
#2	.00220	-.00020	-.00299	-.00291	-.00213	-.01866	-.00071
#3	.00351	-.00292	-.00157	.00192	.00240	-.00844	.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00013	-.00554	-.00060	.00001	-.00079	-.00114
Stddev	.00006	.00014	.00546	.00080	.00025	.00089	.00034
%RSD	44.862	106.58	98.548	132.07	2182.6	113.01	29.504

#1	.00018	-.00014	-.00949	-.00026	-.00006	.00023	-.00098
#2	.00018	.00001	-.00782	-.00003	-.00019	-.00120	-.00092
#3	.00007	-.00027	.00069	-.00152	.00028	-.00140	-.00153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.04228	.00024	-.00074	.24414	-.00017	-.00044
Stddev	.00010	.11824	.00021	.00021	.01591	.00053	.00006
%RSD	316.77	279.68	88.786	28.497	6.5172	316.44	12.842

#1	-.00004	.07974	.00022	-.00050	.22594	-.00021	-.00040
#2	-.00013	-.05023	.00045	-.00090	.25109	-.00067	-.00041
#3	.00008	-.15634	.00003	-.00083	.25539	.00038	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05944	.00084	-.00675	-.00571	.00240	-.00184	.00224
Stddev	.06753	.00019	.00218	.00259	.00028	.00036	.00222
%RSD	113.61	22.573	32.235	45.362	11.567	19.327	99.179

#1	.09942	.00105	-.00913	-.00830	.00222	-.00147	.00071
#2	.09742	.00076	-.00628	-.00312	.00272	-.00218	.00479
#3	-.01853	.00070	-.00485	-.00571	.00227	-.00187	.00122

Sample Name: CCB15 Acquired: 8/6/2019 2:29:14 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB8454 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.0028	-.00002	F 3.1858	F 2.9381
Stddev	.00437	.0016	.00015	1.4856	1.9100
%RSD	388.62	56.58	795.73	46.631	65.009

#1	.00120	-.0045	.00016	3.5639	2.7005
#2	-.00617	-.0027	-.00009	4.4457	4.9558
#3	.00159	-.0013	-.00012	1.5477	1.1580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.6	25457.	1585.3	23.558	2290.7
Stddev	7.2	71.	7.9	.679	8.7
%RSD	.34136	.27971	.50125	2.8834	.38100

#1	2102.1	25533.	1579.2	23.265	2281.6
#2	2107.3	25392.	1582.4	24.335	2291.6
#3	2116.3	25445.	1594.3	23.075	2299.0

Sample Name: K4156-06 Acquired: 8/6/2019 2:33:44 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT1873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00712	.00812	.00263	.00174	.03497	.45328	.00013
Stddev	.00195	.00135	.00164	.00193	.00142	.01960	.00421	.00005
%RSD	293.13	19.009	20.138	73.469	81.657	56.027	.92847	38.467

#1	.00206	-.00563	.00771	.00122	.00176	.05385	.44843	.00012
#2	-.00156	-.00745	.00992	.00483	.00030	.01473	.45595	.00018
#3	.00151	-.00827	.00673	.00183	.00314	.03635	.45546	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	5.3566	.00071	.00775	.00360	.00482	.31959	.94652
Stddev	.00011	.0211	.00052	.00053	.00049	.00058	.00077	.09779
%RSD	32.536	.39376	73.638	6.8084	13.664	12.007	.23991	10.331

#1	.00042	5.3667	.00046	.00714	.00375	.00546	.31898	.85122
#2	.00036	5.3324	.00131	.00809	.00305	.00433	.31933	1.0466
#3	.00021	5.3708	.00036	.00802	.00400	.00466	.32045	.94172

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00023	311.76	-.00073	.26682	1.0059	.00006	.08822
Stddev	.00032	.00046	2.29	.00046	.00052	.0668	.00032	.01947
%RSD	30.780	202.02	.73407	62.717	.19406	6.6377	545.67	22.076

#1	.00141	-.00049	309.13	-.00024	.26736	1.0268	.00040	.10974
#2	.00090	-.00049	313.21	-.00081	.26632	.93114	.00001	.08311
#3	.00082	.00030	312.95	-.00114	.26677	1.0597	-.00023	.07180

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1407	.62423	-.00129	-.00008	-.00293	.0003	.03889	34.119
Stddev	.0044	.00665	.00054	.00221	.00129	.0026	.00031	3.060
%RSD	.38385	1.0655	42.115	2642.7	44.115	953.3	.80747	8.9688

#1	1.1424	.63110	-.00066	-.00254	-.00441	-.0021	.03859	37.348
#2	1.1440	.61782	-.00161	.00176	-.00201	.0031	.03885	31.262
#3	1.1357	.62377	-.00159	.00053	-.00237	-.0001	.03922	33.745

Sample Name: K4156-06 Acquired: 8/6/2019 2:33:44 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT1873 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.8912
 Stddev 1.5162
 %RSD 17.053

#1 10.212
 #2 7.2354
 #3 9.2265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.6	23886.	1572.0	22.297	2078.1
Stddev	1.2	37.	16.9	.778	3.0
%RSD	.05941	.15676	1.0759	3.4892	.14546

#1	2011.9	23845.	1553.1	21.531	2075.7
#2	2013.9	23897.	1577.5	23.086	2081.5
#3	2011.9	23917.	1585.5	22.273	2077.1

Sample Name: K4156-09 Acquired: 8/6/2019 2:38:12 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT3380 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	-.00778	.02308	.00260	.00380	3.9144	.72772	-.00001
Stddev	.00123	.00069	.00067	.00442	.00184	.0076	.00363	.00006
%RSD	36.438	8.9132	2.9036	169.79	48.553	.19361	.49814	643.80

#1	.00275	-.00814	.02259	.00166	.00321	3.9096	.72362	-.00007
#2	.00259	-.00698	.02385	-.00127	.00232	3.9232	.73050	.00005
#3	.00480	-.00822	.02281	.00742	.00586	3.9105	.72903	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	3.5434	.00290	.00487	.01263	7.2996	.36762	.66881
Stddev	.00006	.0304	.00051	.00034	.00048	.0117	.00029	.07830
%RSD	23.367	.85850	17.550	7.0769	3.7617	.16027	.07878	11.708

#1	-.00032	3.5139	.00259	.00522	.01295	7.2861	.36738	.64212
#2	-.00029	3.5418	.00348	.00453	.01209	7.3060	.36794	.75696
#3	-.00020	3.5746	.00262	.00486	.01286	7.3068	.36753	.60733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00090	329.18	.00351	.55614	1.6254	-.00039	.24272
Stddev	.00059	.00048	.17	.00033	.00294	.0498	.00026	.03972
%RSD	143.73	53.490	.05194	9.3022	.52899	3.0646	64.914	16.365

#1	.00031	-.00065	329.33	.00371	.55884	1.5943	-.00065	.28633
#2	.00105	-.00146	329.22	.00369	.55301	1.6829	-.00040	.23320
#3	-.00012	-.00060	329.00	.00313	.55658	1.5991	-.00014	.20862

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4311	3.0641	-.00085	.04233	-.00020	.0777	.02484	25.871
Stddev	.0038	.0145	.00026	.00288	.00060	.0019	.00025	1.958
%RSD	.15621	.47364	30.708	6.8131	295.79	2.433	1.0154	7.5679

#1	2.4354	3.0479	-.00096	.04549	-.00051	.0763	.02456	27.029
#2	2.4284	3.0686	-.00103	.03984	-.00059	.0770	.02505	26.973
#3	2.4294	3.0758	-.00055	.04167	.00049	.0799	.02490	23.610

Sample Name: K4156-09 Acquired: 8/6/2019 2:38:12 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT3380 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 18.794
Stddev 2.501
%RSD 13.309

#1 18.139
#2 16.686
#3 21.558

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.4	24240.	1619.3	22.717	2060.7
Stddev	23.3	99.	3.0	.690	17.8
%RSD	1.1350	.40963	.18300	3.0378	.86327

#1	2036.1	24129.	1621.3	22.022	2043.9
#2	2051.2	24320.	1620.7	22.727	2059.0
#3	2081.9	24271.	1615.9	23.402	2079.3

Sample Name: K4156-12 Acquired: 8/6/2019 2:42:39 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RT3456 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00754	-.00009	.00302	.00281	.01826	.38728	.00006
Stddev	.00159	.00205	.00046	.00290	.00103	.00662	.00372	.00011
%RSD	251.42	27.230	537.31	95.795	36.609	36.262	.96181	176.89

#1	-.00047	-.00626	-.00060	-.00030	.00166	.01210	.38362	-.00005
#2	-.00008	-.00991	.00027	.00498	.00312	.02526	.38714	.00017
#3	.00245	-.00646	.00008	.00440	.00365	.01741	.39107	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	6.3703	.00078	.00019	.00220	.00041	.02879	1.5530
Stddev	.00006	.0714	.00050	.00021	.00053	.00084	.00011	.0808
%RSD	14.894	1.1208	64.729	112.02	24.258	204.27	.39695	5.2050

#1	.00044	6.3055	.00070	.00027	.00252	.00036	.02881	1.5138
#2	.00033	6.4469	.00131	.00035	.00249	.00128	.02890	1.6460
#3	.00041	6.3585	.00031	-.00005	.00158	-.00040	.02867	1.4992

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00059	319.80	-.00025	.30475	.92966	-.00023	.10876
Stddev	.00042	.00144	2.25	.00088	.00137	.07028	.00032	.02050
%RSD	42.308	244.40	.70424	357.64	.44809	7.5597	136.42	18.850

#1	.00064	.00049	317.21	-.00030	.30632	.86186	.00011	.08678
#2	.00144	-.00222	321.27	.00066	.30385	.92495	-.00052	.12737
#3	.00087	-.00004	320.94	-.00109	.30408	1.0022	-.00030	.11213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2982	.69507	-.00065	-.00063	-.00145	-.0002	.04273	21.549
Stddev	.0087	.00530	.00084	.00353	.00096	.0018	.00043	5.415
%RSD	.67262	.76240	130.13	558.77	65.901	741.9	.99866	25.129

#1	1.3064	.69846	-.00068	.00311	-.00194	-.0006	.04233	19.842
#2	1.2890	.69778	.00021	-.00390	-.00207	.0017	.04318	17.194
#3	1.2993	.68896	-.00147	-.00111	-.00035	-.0018	.04268	27.612

Sample Name: K4156-12 Acquired: 8/6/2019 2:42:39 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RT3456 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.298
 Stddev 2.036
 %RSD 12.494

#1 15.752
 #2 18.551
 #3 14.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.4	24011.	1574.8	21.780	2095.8
Stddev	2.8	83.	13.6	.733	4.8
%RSD	.13849	.34669	.86099	3.3650	.22783

#1	2039.3	23923.	1559.3	20.939	2094.8
#2	2043.7	24088.	1581.2	22.283	2101.0
#3	2038.4	24023.	1584.1	22.118	2091.6

Sample Name: K4156-15 Acquired: 8/6/2019 2:47:07 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	-.00621	.00016	.00408	.00140	.03281	.21433	.00004
Stddev	.00278	.00068	.00063	.00400	.00194	.01671	.00338	.00003
%RSD	238.90	10.939	390.46	98.030	139.01	50.922	1.5781	64.170

#1	-.00291	-.00687	.00068	-.00028	.00256	.05005	.21246	.00001
#2	-.00262	-.00623	.00035	.00494	-.00084	.03167	.21229	.00006
#3	.00204	-.00551	-.00054	.00758	.00247	.01670	.21823	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	7.5069	.00030	.00182	.00177	.00122	.07878	1.2089
Stddev	.00001	.0685	.00044	.00019	.00010	.00108	.00011	.0764
%RSD	29.452	.91194	149.35	10.588	5.6531	88.541	.13891	6.3205

#1	.00003	7.4525	.00012	.00203	.00167	.00075	.07887	1.1589
#2	.00004	7.4845	.00080	.00178	.00175	.00046	.07881	1.1708
#3	.00005	7.5838	-.00003	.00165	.00187	.00246	.07866	1.2968

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00078	280.08	.00033	.19133	.64664	.00005	.03664
Stddev	.00030	.00117	3.26	.00034	.00022	.05981	.00035	.00505
%RSD	80.353	150.33	1.1642	101.32	.11749	9.2491	740.87	13.774

#1	.00034	-.00152	278.04	.00010	.19121	.61169	.00045	.04245
#2	.00070	-.00140	278.37	.00072	.19120	.71570	-.00017	.03333
#3	.00009	.00057	283.84	.00018	.19159	.61254	-.00014	.03414

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0372	.57952	.00002	.00080	-.00196	-.0017	.02880	27.393
Stddev	.0036	.00647	.00067	.00232	.00293	.0021	.00019	2.593
%RSD	.34576	1.1158	3643.3	289.30	150.00	129.1	.64436	9.4668

#1	1.0365	.58345	.00049	-.00010	-.00333	-.0028	.02859	24.626
#2	1.0340	.58305	.00031	.00344	.00141	-.0029	.02894	29.768
#3	1.0411	.57206	-.00075	-.00093	-.00395	.0008	.02887	27.786

Sample Name: K4156-15 Acquired: 8/6/2019 2:47:07 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RBR-200035 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.955
Stddev	2.434
%RSD	20.362

#1	9.7539
#2	14.570
#3	11.542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.7	23751.	1543.4	22.535	2077.2
Stddev	1.7	109.	21.7	.851	3.0
%RSD	.08290	.45719	1.4033	3.7762	.14485

#1	2006.6	23635.	1524.6	22.475	2074.8
#2	2003.5	23851.	1538.6	21.716	2076.3
#3	2004.0	23765.	1567.1	23.415	2080.6

Sample Name: K4140-23DLX50 Acquired: 8/6/2019 2:51:36 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	-.00380	.02308	.00056	.00220	.22483	.01174	.00014
Stddev	.00048	.00048	.00071	.00216	.00331	.00202	.00043	.00007
%RSD	30.139	12.704	3.0961	385.78	150.26	.89673	3.6487	50.077

#1	.00185	-.00339	.02233	.00127	.00513	.22370	.01203	.00019
#2	.00187	-.00368	.02315	-.00187	.00286	.22715	.01125	.00017
#3	.00103	-.00433	.02376	.00229	-.00138	.22363	.01195	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.04491	.38209	.00053	.55436	1.2244	.00190	-.00672
Stddev	.00008	.03094	.00089	.00020	.00092	.0020	.00010	.07640
%RSD	27.621	68.885	.23356	36.562	.16649	.16008	5.4577	1136.4

#1	-.00036	.01638	.38126	.00060	.55343	1.2259	.00202	-.09249
#2	-.00023	.07779	.38197	.00069	.55528	1.2251	.00184	.05403
#3	-.00023	.04056	.38304	.00031	.55437	1.2222	.00184	.01829

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79317	-.00045	.61585	.00159	.16452	.32209	.00019	-.02473
Stddev	.00090	.00058	.00609	.00050	.00031	.03124	.00059	.00731
%RSD	.11318	129.81	.98808	31.715	.19006	9.6998	312.47	29.555

#1	.79391	.00011	.60890	.00187	.16446	.28705	.00049	-.02520
#2	.79343	-.00040	.62024	.00101	.16486	.34705	.00056	-.03180
#3	.79217	-.00105	.61840	.00189	.16424	.33217	-.00049	-.01720

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20722	.10434	-.00217	.01108	.00008	.0327	.00022	<.00000
Stddev	.00347	.00386	.00109	.00373	.00105	.0014	.00012	3.4056
%RSD	1.6740	3.6983	50.285	33.639	1251.1	4.322	54.964	75.369

#1	.20598	.10879	-.00226	.00874	-.00023	.0341	.00025	-1.0232
#2	.21114	.10200	-.00103	.01538	-.00077	.0312	.00031	-7.8266
#3	.20454	.10222	-.00321	.00912	.00125	.0328	.00008	-4.7058

Sample Name: K4140-23DLX50 Acquired: 8/6/2019 2:51:36 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5358
Stddev 2.7579
%RSD 49.820

#1 7.8765
#2 2.4954
#3 6.2355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.5	25757.	1600.1	23.102	2297.4
Stddev	6.3	42.	18.8	.556	4.2
%RSD	.29583	.16307	1.1767	2.4055	.18111

#1	2119.2	25726.	1582.3	22.460	2294.8
#2	2130.7	25740.	1598.3	23.425	2302.2
#3	2120.7	25805.	1619.8	23.420	2295.2

Sample Name: K4140-24DLX50 Acquired: 8/6/2019 2:56:02 Type: Unk
Method: P4-ICP2(v3319) 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	-.00031	-.00301	.01109	.00202	.00070	.26273	.02522	.00006
Stddev	.00152	.00069	.00053	.00471	.00070	.02635	.00087	.00005
%RSD	494.72	22.866	4.7717	232.91	99.590	10.028	3.4607	81.100

#1	-.00172	-.00232	.01111	.00449	.00005	.25978	.02423	.00003
#2	-.00051	-.00369	.01160	.00499	.00062	.23797	.02587	.00003
#3	.00130	-.00300	.01055	-.00341	.00144	.29042	.02555	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.08945	.76884	.00216	.76843	.16854	.00115	-.01450
Stddev	.00009	.03225	.00521	.00027	.00224	.00053	.00002	.04395
%RSD	13.464	36.047	.67813	12.283	.29153	.31340	1.5183	303.12

#1	.00057	.12204	.76367	.00230	.76655	.16908	.00115	-.03489
#2	.00068	.08877	.76875	.00186	.77091	.16851	.00114	-.04455
#3	.00075	.05756	.77409	.00233	.76783	.16803	.00117	.03594

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72696	-.00052	.20796	.00073	.14728	.04462	.00004	-.00635
Stddev	.00121	.00069	.01457	.00082	.00031	.02326	.00042	.01526
%RSD	.16626	132.85	7.0045	111.75	.21235	52.132	939.98	240.22

#1	.72674	-.00111	.20577	.00048	.14750	.06908	.00041	-.00973
#2	.72826	.00024	.19461	.00007	.14742	.02279	.00014	-.01964
#3	.72587	-.00070	.22349	.00165	.14692	.04198	-.00041	.01031

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23722	.05416	-.00207	.00331	-.00565	.0456	.00069	<.00000
Stddev	.01050	.00923	.00022	.00157	.00329	.0014	.00016	1.9906
%RSD	4.4282	17.040	10.417	47.298	58.174	3.015	23.147	34.616

#1	.22549	.06476	-.00227	.00150	-.00417	.0440	.00052	-3.7776
#2	.24577	.04982	-.00208	.00426	-.00942	.0466	.00072	-7.7582
#3	.24039	.04790	-.00184	.00417	-.00337	.0462	.00083	-5.7155

Sample Name: K4140-24DLX50 Acquired: 8/6/2019 2:56:02 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9184
Stddev 1.9330
%RSD 39.301

#1 6.0415
#2 2.6864
#3 6.0273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.5	25827.	1606.6	24.763	2337.1
Stddev	14.7	51.	17.5	1.466	15.7
%RSD	.68601	.19573	1.0910	5.9200	.67041

#1	2133.9	25844.	1595.5	26.405	2328.1
#2	2128.4	25866.	1626.8	23.585	2328.1
#3	2156.1	25770.	1597.6	24.300	2355.2

Sample Name: K4140-25DLX10 Acquired: 8/6/2019 3:00:29 Type: Unk
Method: P4-ICP2(v3319) 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	-.00480	-.00464	.01809	.00138	.00187	.35600	.02730	.00008
Stddev	.00165	.00311	.00094	.00355	.00108	.00543	.00057	.00004
%RSD	34.346	67.127	5.1952	256.74	57.832	1.5254	2.0815	46.074

#1	-.00536	-.00673	.01758	.00391	.00085	.34996	.02674	.00009
#2	-.00295	-.00106	.01751	.00290	.00300	.35756	.02729	.00004
#3	-.00610	-.00613	.01917	-.00267	.00175	.36049	.02788	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.03097	.73249	.00038	.18988	.63584	.00063	-.01805
Stddev	.00002	.03485	.00630	.00039	.00067	.00405	.00004	.09685
%RSD	28.488	112.53	.86025	101.73	.35354	.63729	6.7868	536.69

#1	-.00007	.01911	.73551	.00058	.18947	.63626	.00059	-.00279
#2	-.00005	.00360	.73672	-.00007	.18951	.63966	.00063	-.12162
#3	-.00009	.07021	.72525	.00064	.19065	.63159	.00068	.07027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10698	-.00128	.15439	.00111	.05878	.01943	-.00015	-.01377
Stddev	.00036	.00005	.01611	.00024	.00021	.07266	.00041	.03546
%RSD	.33881	4.1020	10.435	21.268	.35730	373.93	275.73	257.49

#1	.10704	-.00127	.13630	.00122	.05879	-.03948	-.00024	-.00995
#2	.10731	-.00124	.15967	.00127	.05856	-.00285	-.00051	.01962
#3	.10659	-.00134	.16719	.00084	.05898	.10062	.00030	-.05099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04901	.15382	-.00268	.01501	-.00569	.0701	-.00033	<.00000
Stddev	.00538	.00507	.00111	.00446	.00349	.0004	.00005	4.2127
%RSD	10.974	3.2930	41.446	29.748	61.296	.5161	16.085	68.832

#1	.05456	.15964	-.00154	.01024	-.00729	.0703	-.00035	-6.4495
#2	.04383	.15147	-.00273	.01570	-.00809	.0703	-.00027	-10.159
#3	.04863	.15037	-.00376	.01909	-.00169	.0696	-.00038	-1.7526

Sample Name: K4140-25DLX10 Acquired: 8/6/2019 3:00:29 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0840
Stddev 4.9305
%RSD 159.87

#1 -1.7172
#2 8.1343
#3 2.8349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.3	25914.	1607.7	23.205	2306.9
Stddev	3.2	28.	9.5	.352	3.8
%RSD	.14817	.10825	.58809	1.5180	.16614

#1	2138.4	25929.	1599.8	23.500	2310.4
#2	2132.7	25881.	1605.3	23.300	2302.8
#3	2137.8	25931.	1618.2	22.815	2307.4

Sample Name: K4140-26DLX200 Acquired: 8/6/2019 3:04:56 Type: Unk
Method: P4-ICP2(v3319) 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	.00017	-.00304	.00399	-.00242	.00122	.11669	.00902	.00001
Stddev	.00312	.00097	.00064	.00167	.00217	.01314	.00040	.00003
%RSD	1827.9	31.880	15.963	68.820	178.20	11.260	4.4626	198.72

#1	.00250	-.00413	.00426	-.00063	.00295	.10461	.00879	-.00002
#2	-.00337	-.00227	.00445	-.00392	-.00121	.11477	.00949	.00002
#3	.00138	-.00272	.00326	-.00270	.00191	.13068	.00879	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00755	1.1828	-.00002	.72119	.10516	.00005	-.00246
Stddev	.00007	.03156	.0033	.00007	.00086	.00049	.00005	.04472
%RSD	104.16	418.28	.27919	417.25	.11937	.46980	111.97	1819.3

#1	-.00012	.01863	1.1796	.00004	.72132	.10553	-.00001	.04918
#2	-.00009	-.02806	1.1862	-.00009	.72027	.10536	.00009	-.02799
#3	.00001	.03207	1.1826	.00001	.72197	.10460	.00006	-.02856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40779	-.00042	.13567	.00121	.06672	-.00584	-.00019	-.01308
Stddev	.00230	.00119	.02104	.00048	.00023	.08099	.00036	.02168
%RSD	.56419	282.62	15.508	39.316	.35159	1386.9	186.39	165.72

#1	.40515	.00054	.11210	.00088	.06655	-.01602	-.00049	-.02847
#2	.40936	-.00175	.15255	.00176	.06662	.07976	-.00030	-.02248
#3	.40887	-.00005	.14235	.00100	.06699	-.08125	.00021	.01171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13033	.02923	-.00248	.00045	-.00472	.0479	.00009	<.00000
Stddev	.00593	.00402	.00089	.00481	.00197	.0005	.00024	2.1006
%RSD	4.5536	13.748	35.726	1079.7	41.839	1.088	274.45	30.982

#1	.12597	.02569	-.00347	-.00450	-.00680	.0483	.00008	-5.3821
#2	.13709	.03360	-.00176	.00074	-.00288	.0479	-.00015	-9.1955
#3	.12792	.02841	-.00221	.00510	-.00447	.0473	.00033	-5.7622

Sample Name: K4140-26DLX200 Acquired: 8/6/2019 3:04:56 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9612
Stddev 1.8883
%RSD 47.670

#1 2.4147
#2 6.0655
#3 3.4033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.7	25951.	1603.7	22.640	2321.6
Stddev	12.4	60.	9.7	1.118	13.1
%RSD	.57878	.23088	.60633	4.9389	.56288

#1	2127.2	25912.	1595.0	22.915	2313.2
#2	2150.7	25921.	1602.0	23.595	2336.7
#3	2132.2	26020.	1614.2	21.410	2315.1

Sample Name: K4140-27DLX50 Acquired: 8/6/2019 3:09:23 Type: Unk
Method: P4-ICP2(v3319) 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	-.00213	-.00479	.00442	-.00242	.00056	.25651	.01435	.00015
Stddev	.00246	.00090	.00021	.00051	.00051	.01392	.00129	.00007
%RSD	115.26	18.718	4.6863	21.219	91.722	5.4279	8.9858	49.915

#1	-.00325	-.00376	.00422	-.00199	.00115	.24043	.01407	.00020
#2	-.00384	-.00529	.00442	-.00299	.00029	.26424	.01323	.00018
#3	.00069	-.00534	.00463	-.00229	.00024	.26485	.01576	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.13081	.71620	.00269	.40741	.24677	.00133	-.02168
Stddev	.00010	.01709	.00461	.00008	.00147	.00213	.00007	.05371
%RSD	95.669	13.062	.64368	2.7935	.36002	.86285	5.1486	247.79

#1	-.00013	.11162	.71197	.00277	.40658	.24432	.00128	-.07955
#2	-.00018	.14438	.71551	.00266	.40910	.24783	.00130	-.01204
#3	.00001	.13642	.72111	.00263	.40654	.24815	.00141	.02656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5060	-.00056	.10480	.00118	.20134	-.04410	-.00000	-.00616
Stddev	.0043	.00061	.01793	.00033	.00053	.05578	.00045	.01783
%RSD	.28719	107.76	17.110	27.926	.26513	126.50	29213.	289.51

#1	1.5109	.00014	.08449	.00156	.20183	-.08228	-.00044	.00723
#2	1.5042	-.00089	.11149	.00106	.20142	.01992	-.00001	-.02639
#3	1.5028	-.00094	.11842	.00093	.20077	-.06993	.00045	.00069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47305	.05227	-.00199	.00753	-.00486	.0656	.00093	<.00000
Stddev	.00226	.00466	.00092	.00133	.00104	.0028	.00015	5.2148
%RSD	.47877	8.9213	46.079	17.689	21.439	4.264	15.628	78.443

#1	.47350	.04939	-.00213	.00687	-.00547	.0686	.00100	-3.0278
#2	.47060	.05765	-.00282	.00666	-.00366	.0630	.00076	-4.2907
#3	.47506	.04976	-.00101	.00907	-.00545	.0653	.00103	-12.625

Sample Name: K4140-27DLX50 Acquired: 8/6/2019 3:09:23 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4362
Stddev 2.4485
%RSD 100.51

#1 -.05942
#2 2.5332
#3 4.8348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.4	25921.	1614.6	23.333	2327.9
Stddev	4.8	76.	10.6	.871	10.3
%RSD	.22688	.29494	.65362	3.7345	.44444

#1	2125.9	25845.	1607.0	23.125	2317.9
#2	2133.7	25920.	1626.6	24.290	2338.5
#3	2134.7	25998.	1610.1	22.585	2327.2

Sample Name: K4140-28DLX10 Acquired: 8/6/2019 3:13:49 Type: Unk
Method: P4-ICP2(v3319) 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	.00200	-.00677	.17092	.01042	.00699	6.1369	.19225
Stddev	.00139	.00091	.00079	.00257	.00308	.0519	.00319
%RSD	69.717	13.386	.46215	24.690	44.132	.84604	1.6606

#1	.00347	-.00680	.17036	.00748	.00403	6.0991	.18878
#2	.00182	-.00585	.17183	.01151	.01018	6.1156	.19290
#3	.00070	-.00766	.17058	.01226	.00675	6.1961	.19506

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00438	1.3441	1.1805	.01432	2.4350	61.209
Stddev	.00020	.00013	.0283	.0024	.00027	.0134	.731
%RSD	161.04	3.0006	2.1071	.20306	1.8948	.55181	1.1935

#1	.00014	.00422	1.3243	1.1810	.01451	2.4340	61.608
#2	-.00008	.00446	1.3314	1.1779	.01443	2.4221	60.366
#3	.00031	.00445	1.3765	1.1826	.01401	2.4489	61.653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56184	.22363	1.1655	.01473	.09944	.01135	F 35.987
Stddev	.00119	.08231	.0025	.00029	.01577	.00028	.178
%RSD	.21184	36.806	.21250	1.9509	15.856	2.4349	.49343

#1	.56309	.18486	1.1672	.01498	.08533	.01114	36.141
#2	.56171	.31817	1.1626	.01442	.11646	.01166	35.793
#3	.56072	.16787	1.1666	.01480	.09654	.01124	36.027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12333	-.00071	.00028	.51216	3.3591	.02896	.25227
Stddev	.05136	.00020	.01000	.00167	.0321	.00110	.00023
%RSD	41.645	27.745	3621.4	.32526	.95513	3.8141	.09226

#1	.06406	-.00090	.00460	.51210	3.3772	.02919	.25206
#2	.15112	-.00051	.00739	.51385	3.3221	.02776	.25223
#3	.15480	-.00072	-.01116	.51052	3.3781	.02994	.25252

Sample Name: K4140-28DLX10 Acquired: 8/6/2019 3:13:49 Type: Unk
 Method: P4-ICP2(v3319) 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	-.00238	.4429	-.05644	<.00000	1.7438
Stddev	.00117	.0022	.00065	.55071	1.6670
%RSD	49.124	.5037	1.1469	6.9355	95.600

#1	-.00125	.4438	-.05672	-8.5181	.61117
#2	-.00232	.4445	-.05570	-7.4214	3.6580
#3	-.00358	.4404	-.05691	-7.8818	.96212

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.1	25546.	1596.0	21.647	2242.8
Stddev	6.5	112.	11.3	.597	8.9
%RSD	.30718	.43833	.71032	2.7587	.39517

#1	2115.4	25543.	1583.0	21.225	2236.5
#2	2125.5	25659.	1603.7	22.330	2252.9
#3	2113.4	25435.	1601.4	21.385	2238.9

Sample Name: CCV16 Acquired: 8/6/2019 3:18:15 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15324 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9964	5.0138	5.0052	5.0821	5.0308	10.057	10.072
Stddev	.0121	.0066	.0074	.0070	.0175	.130	.075
%RSD	.24126	.13175	.14864	.13715	.34753	1.2880	.74399

#1	4.9904	5.0091	5.0079	5.0798	5.0112	9.9865	9.9995
#2	4.9885	5.0109	4.9968	5.0899	5.0363	9.9788	10.066
#3	5.0103	5.0213	5.0109	5.0765	5.0449	10.207	10.149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25400	2.4906	25.811	.99624	2.4865	1.2597	5.1621
Stddev	.00103	.0025	.142	.00154	.0049	.0069	.0095
%RSD	.40520	.09956	.54952	.15508	.19521	.54725	.18377

#1	.25519	2.4886	25.975	.99589	2.4852	1.2602	5.1725
#2	.25348	2.4898	25.727	.99491	2.4824	1.2525	5.1539
#3	.25334	2.4934	25.731	.99794	2.4919	1.2663	5.1599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5364	25.218	2.4935	1.2651	25.151	2.5364	2.4624
Stddev	.0044	.347	.0014	.0019	.175	.0020	.0027
%RSD	.17316	1.3747	.05527	.15232	.69495	.07851	.11027

#1	2.5408	24.889	2.4935	1.2641	24.959	2.5380	2.4604
#2	2.5320	25.186	2.4921	1.2673	25.192	2.5370	2.4614
#3	2.5363	25.580	2.4949	1.2638	25.301	2.5341	2.4655

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.009	5.0768	4.9998	4.9634	4.9790	4.9634	5.1025
Stddev	.259	.0055	.1047	.0079	.0628	.0112	.0207
%RSD	1.0372	.10841	2.0938	.15967	1.2617	.22512	.40507

#1	24.733	5.0726	4.9070	4.9573	5.0252	4.9517	5.1046
#2	25.046	5.0748	4.9790	4.9605	5.0044	4.9645	5.1220
#3	25.247	5.0830	5.1133	4.9724	4.9075	4.9739	5.0809

Sample Name: CCV16 Acquired: 8/6/2019 3:18:15 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15324 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0410	5.179	5.1501	F 13.437	4.9913
Stddev	.0564	.011	.0486	3.685	.9566
%RSD	1.1181	.2131	.94334	27.425	19.165

#1	5.0823	5.189	5.1866	17.676	4.8375
#2	5.0638	5.182	5.1688	10.995	6.0155
#3	4.9768	5.167	5.0949	11.641	4.1209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.7	25071.	1592.4	22.373	2119.6
Stddev	1.9	19.	25.3	.752	2.7
%RSD	.08998	.07747	1.5911	3.3623	.12740

#1	2083.6	25084.	1569.6	21.950	2117.2
#2	2086.8	25080.	1587.8	21.927	2122.5
#3	2083.6	25048.	1619.6	23.241	2119.1

Sample Name: CCB16 Acquired: 8/6/2019 3:22:16 Type: Unk
Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15324 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00306	-.00224	.00349	.00320	-.00323	.00121
Stddev	.00423	.00169	.00140	.00341	.00128	.00606	.00060
%RSD	5668.7	55.073	62.451	97.517	39.960	187.72	49.569

#1	-.00337	-.00118	-.00287	.00050	.00234	-.00555	.00130
#2	-.00119	-.00444	-.00064	.00720	.00260	-.00778	.00058
#3	.00479	-.00358	-.00321	.00278	.00467	.00365	.00177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00000	.01869	-.00075	.00013	-.00056	.00113
Stddev	.00010	.00009	.00471	.00048	.00010	.00022	.00037
%RSD	143.10	4625.8	25.214	63.759	72.422	39.553	32.470

#1	.00017	.00011	.01336	-.00033	.00024	-.00079	.00072
#2	.00008	-.00005	.02040	-.00064	.00005	-.00055	.00124
#3	-.00003	-.00005	.02231	-.00127	.00010	-.00034	.00144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.02848	.00065	-.00087	.08792	-.00028	.00168
Stddev	.00005	.01614	.00021	.00036	.01213	.00035	.00018
%RSD	7207.4	56.671	32.904	41.637	13.801	123.85	10.846

#1	-.00003	-.04404	.00051	-.00129	.09830	.00012	.00188
#2	.00006	-.02958	.00054	-.00072	.09089	-.00047	.00153
#3	-.00002	-.01182	.00090	-.00061	.07458	-.00049	.00162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07185	.00105	-.00993	-.00240	.00004	-.00143	.00252
Stddev	.04876	.00071	.00990	.00401	.00228	.00028	.00246
%RSD	67.865	67.729	99.636	166.88	5180.1	19.910	97.365

#1	-.12741	.00158	-.00160	-.00446	.00082	-.00170	.00210
#2	-.03616	.00134	-.02087	.00222	.00184	-.00145	.00516
#3	-.05198	.00024	-.00733	-.00496	-.00253	-.00113	.00030

Sample Name: CCB16 Acquired: 8/6/2019 3:22:16 Type: Unk
 Method: P4-ICP2(v3319) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15324 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00483	-.0009	-.00000	F 2.7778	F 4.0368
Stddev	.00247	.0029	.00012	1.3162	3.1386
%RSD	51.158	322.3	8031.0	47.385	77.749

#1	-.00571	-.0019	-.00014	4.2101	.90722
#2	-.00674	.0024	.00003	2.5017	4.0190
#3	-.00204	-.0032	.00011	1.6214	7.1843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.6	25393.	1585.7	22.962	2291.3
Stddev	13.5	101.	7.2	.653	10.1
%RSD	.64023	.39866	.45399	2.8460	.44246

#1	2096.5	25376.	1582.4	22.210	2280.9
#2	2103.7	25301.	1580.7	23.395	2291.8
#3	2122.6	25502.	1594.0	23.280	2301.1