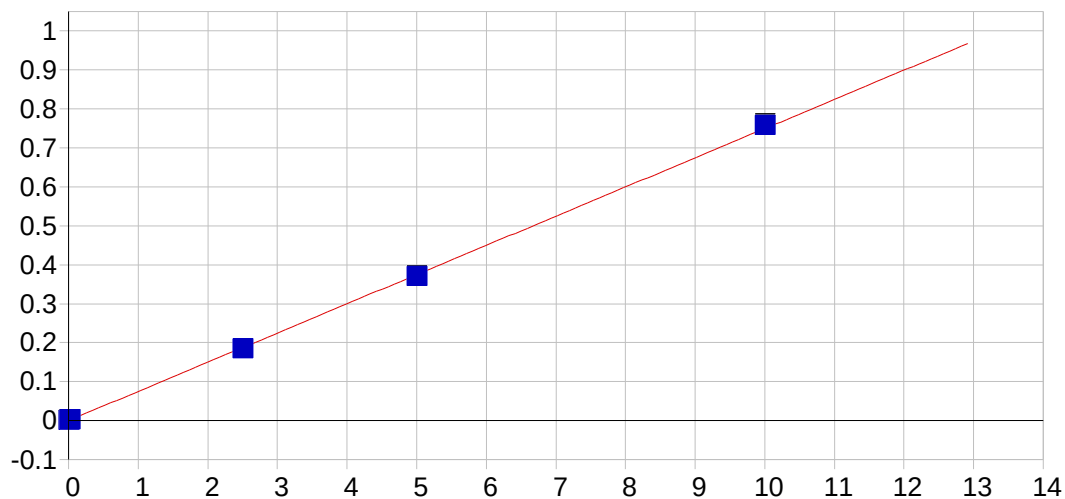


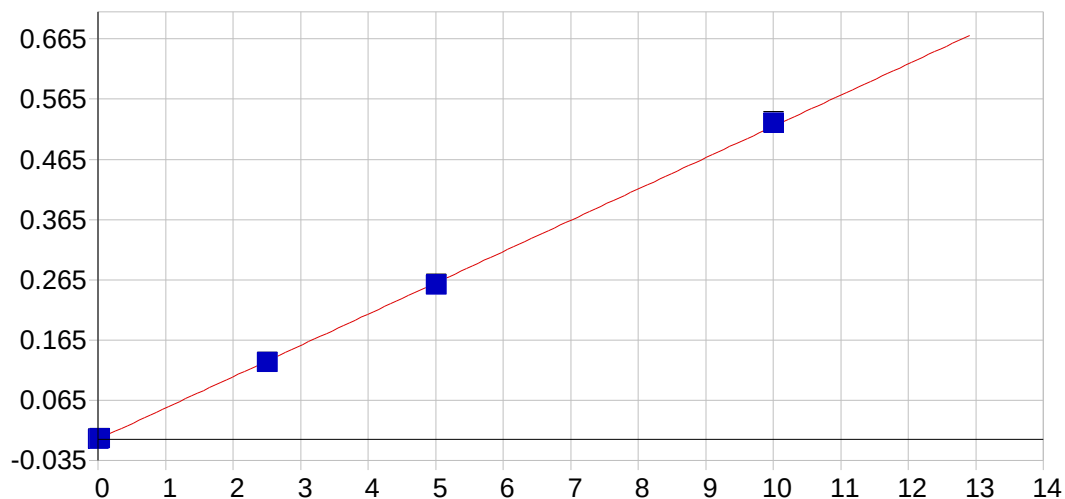


As 189.042 {478}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.074964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002585
 Predicted MQL: 0.008618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02228	.002	11.4	.00162	.000	1
S3	2.5000	2.4504	-.050	-1.99	.18362	.001	1
S4	5.0000	4.9347	-.065	-1.31	.36985	.001	1
S5	10.000	10.113	.113	1.13	.75798	.003	1



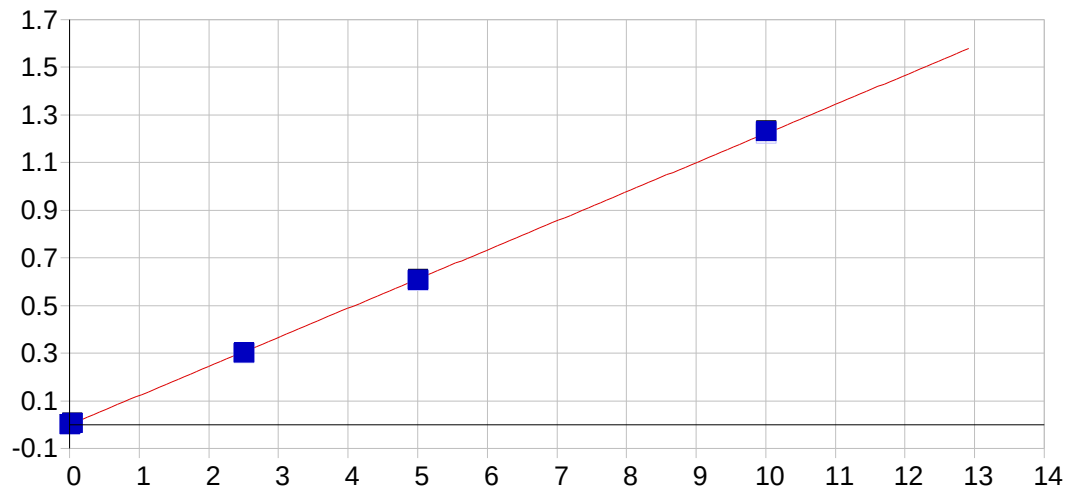
As 189.042 {479}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000

A1 (Gain): 0.051947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002411
 Predicted MQL: 0.008038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02250	.002	12.5	.00127	.000	1
S3	2.5000	2.4463	-.054	-2.15	.12718	.000	1
S4	5.0000	4.9390	-.061	-1.22	.25667	.001	1
S5	10.000	10.112	.112	1.12	.52541	.001	1

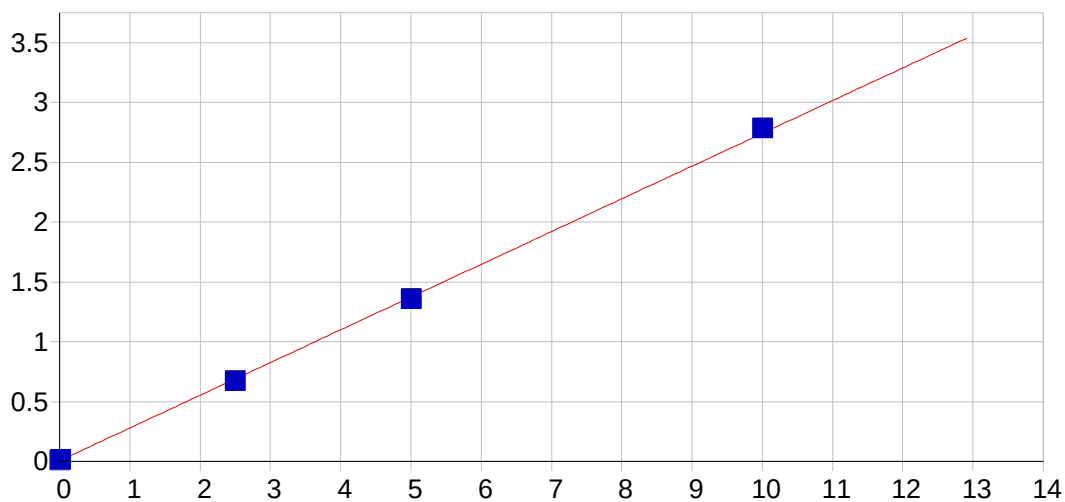


TI 190.856 {477}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.122226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001229
 Predicted MQL: 0.004097

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.04000	.04200	.002	4.99	.00485	.000	1
S3	2.5000	2.4533	-.047	-1.87	.29657	.000	1
S4	5.0000	4.9742	-.026	-.516	.60155	.001	1
S5	10.000	10.071	.071	.706	1.2182	.003	1

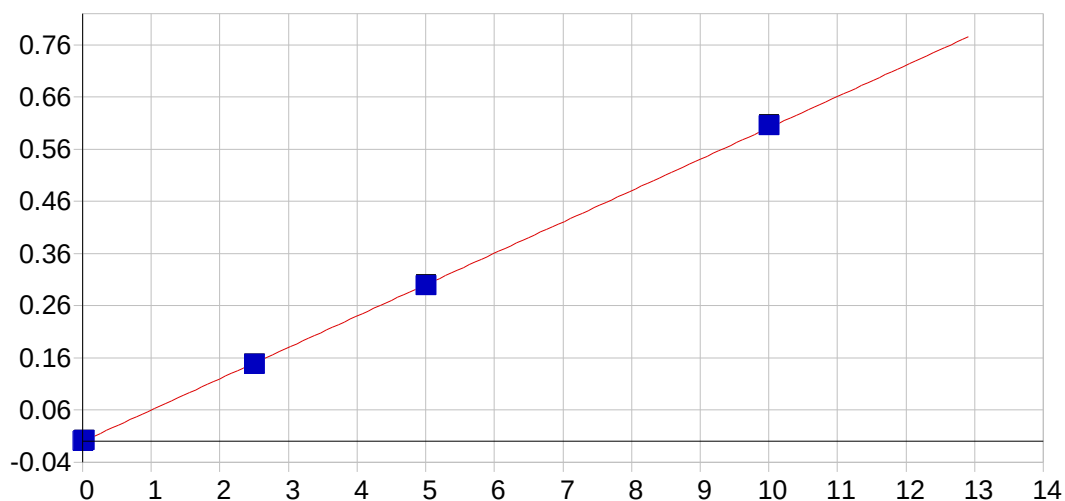


Pb 220.353 {453}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005562 Re-Slope: 1.000000
 A1 (Gain): 0.273599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000913
 Predicted MQL: 0.003042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00556	.000	1
S1	.01200	.01293	.001	7.73	.00904	.000	1
S3	2.5000	2.4256	-.074	-2.97	.66828	.000	1
S4	5.0000	4.9244	-.076	-1.51	1.3510	.004	1
S5	10.000	10.149	.149	1.49	2.7786	.002	1



Se 196.090 {472}

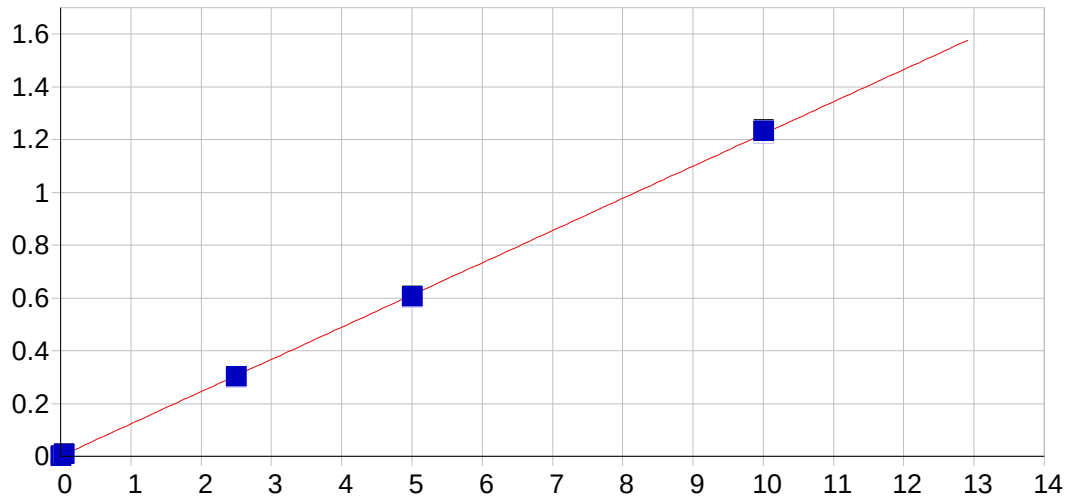
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.060090 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000013
 Predicted MDL: 0.002888
 Predicted MQL: 0.009628

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.02000	.01841	-.002	-7.95	.00116	.000	1
S3	2.5000	2.4615	-.039	-1.54	.14793	.000	1
S4	5.0000	4.9687	-.031	-.625	.29856	.001	1
S5	10.000	10.071	.071	.714	.60512	.001	1



Sb 206.833 {463}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

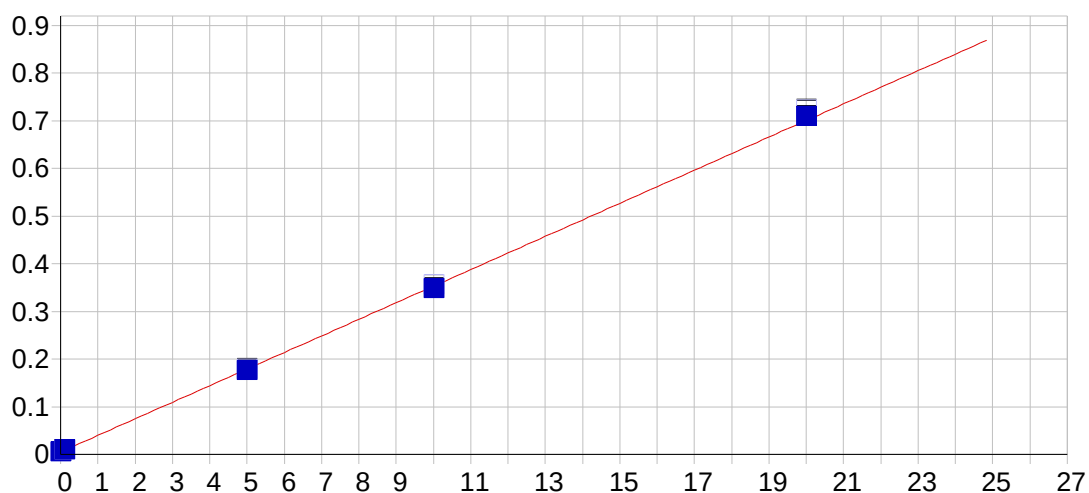
Weighting: 1/Conc

A0 (Offset): 0.000894
 A1 (Gain): 0.122046
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000057
 Predicted MDL: 0.001777
 Predicted MQL: 0.005924

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	.00089	.000	1
S1	.05000	.05448	.004	8.96	.00739	.000	1
S3	2.5000	2.4530	-.047	-1.88	.29685	.000	1
S4	5.0000	4.9497	-.050	-1.01	.59812	.002	1
S5	10.000	10.093	.093	.929	1.2190	.005	1

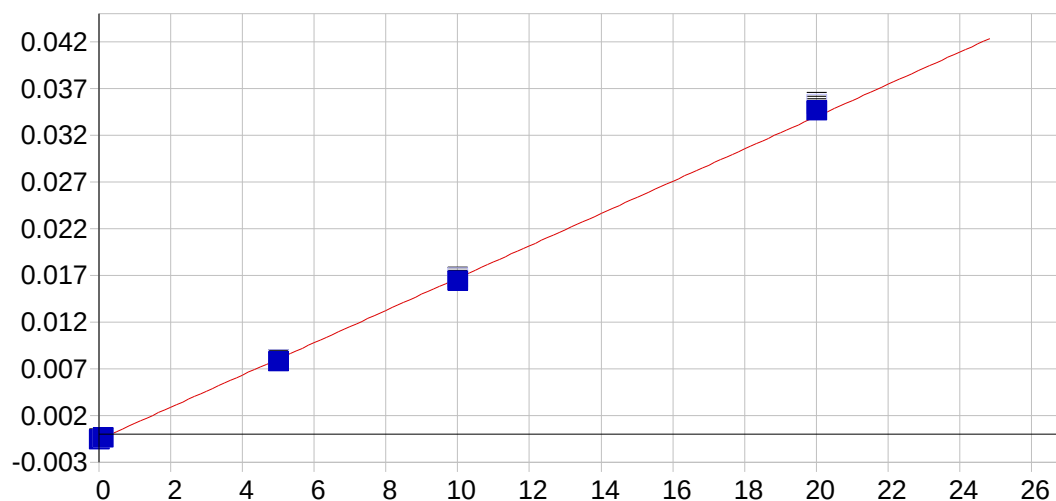


AI 308.215 {109}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005078 Re-Slope: 1.000000
 A1 (Gain): 0.034788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002783
 Predicted MQL: 0.009277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00508	.000	1
S1	.10000	.11361	.014	13.6	.00927	.000	1
S3	5.0000	4.8942	-.106	-2.12	.17880	.001	1
S4	10.000	9.8705	-.129	-1.29	.35538	.000	1
S5	20.000	20.221	.221	1.10	.72237	.002	1



AI 309.271 {109}

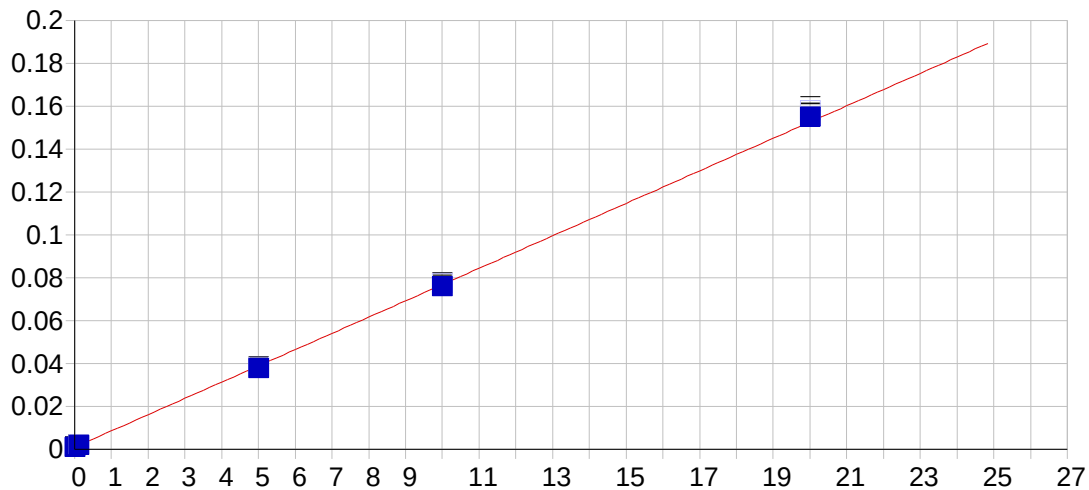
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000570 Re-Slope: 1.000000
 A1 (Gain): 0.001727 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758
 Std Error of Est: 0.000003
 Predicted MDL: 0.036620
 Predicted MQL: 0.122067

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00057	.000	1
S1	.10000	.08411	-.016	-15.9	-.00041	.000	1
S3	5.0000	4.8298	-.170	-3.40	.00795	.000	1
S4	10.000	9.8282	-.172	-1.72	.01675	.000	1
S5	20.000	20.359	.359	1.79	.03529	.000	1



AI 396.152 { 85}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

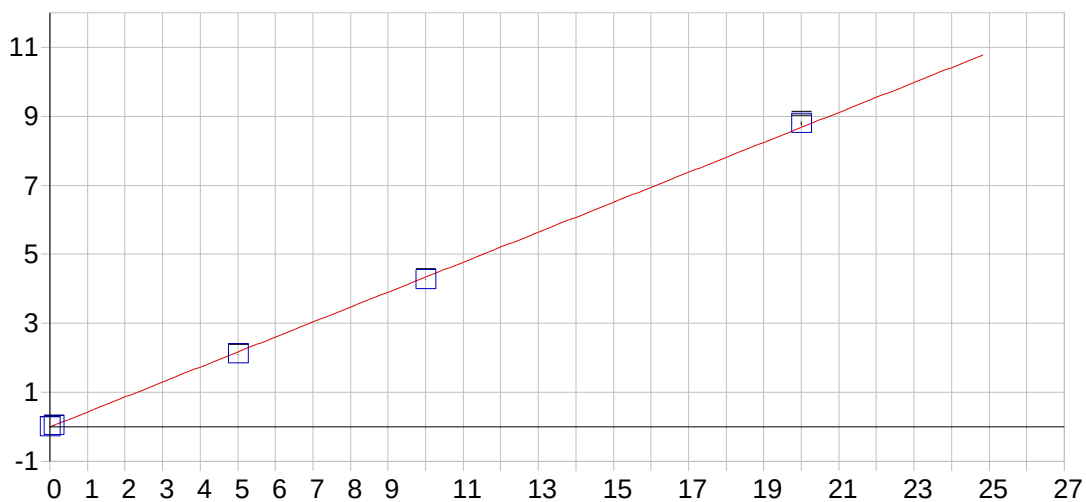
Weighting: 1/Conc

A0 (Offset): 0.001011
 A1 (Gain): 0.007581
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757
 Std Error of Est: 0.000013
 Predicted MDL: 0.013479
 Predicted MQL: 0.044929

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	-.00002	-.000	.000	.00101	.000	1
S1	.10000	.11916	.019	19.2	.00197	.000	1
S3	5.0000	4.8150	-.185	-3.70	.03827	.000	1
S4	10.000	9.8496	-.150	-1.50	.07719	.000	1
S5	20.000	20.315	.315	1.58	.15804	.002	1

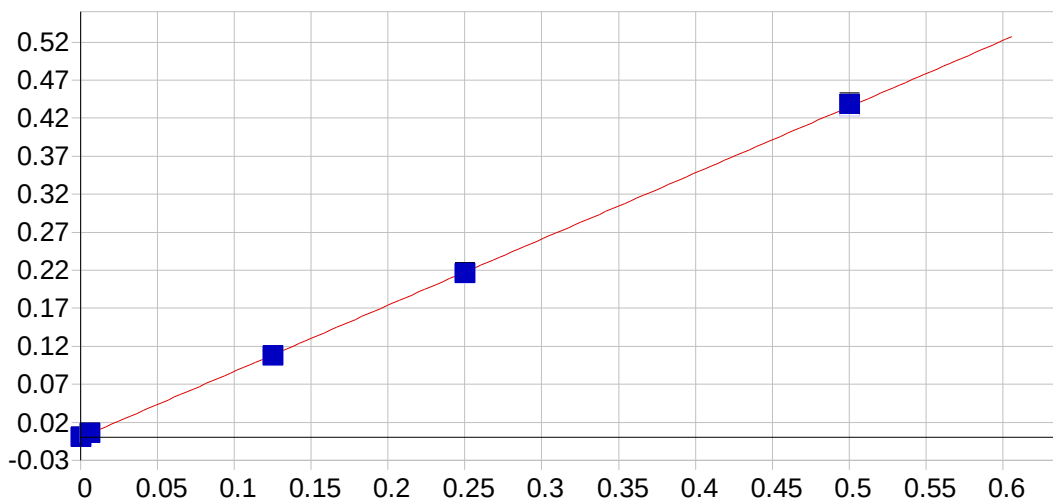


Ba 493.409 { 68}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002461 Re-Slope: 1.000000
 A1 (Gain): 0.434030 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000561
 Predicted MDL: 0.000585
 Predicted MQL: 0.001951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00246	.000	1
S1	.10000	.10618	.006	6.18	.04362	.000	1
S3	5.0000	4.8633	-.137	-2.73	2.1084	.002	1
S5	20.000	20.276	.276	1.38	8.7978	.058	1
S4	10.000	9.8549	-.145	-1.45	4.2748	.012	1



Be 234.861 {144}

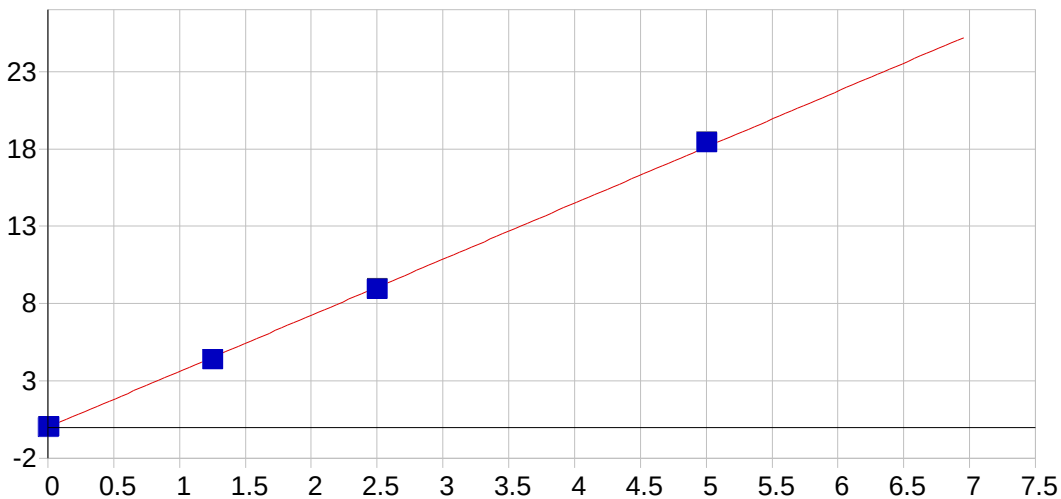
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.870074 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000029
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.00600	.00651	.001	8.46	.00551	.000	1
S3	.12500	.12287	-.002	-1.71	.10612	.000	1
S4	.25000	.24848	-.002	-.607	.21473	.001	1
S5	.50000	.50315	.003	.629	.43493	.002	1



Cd 226.502 {449}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

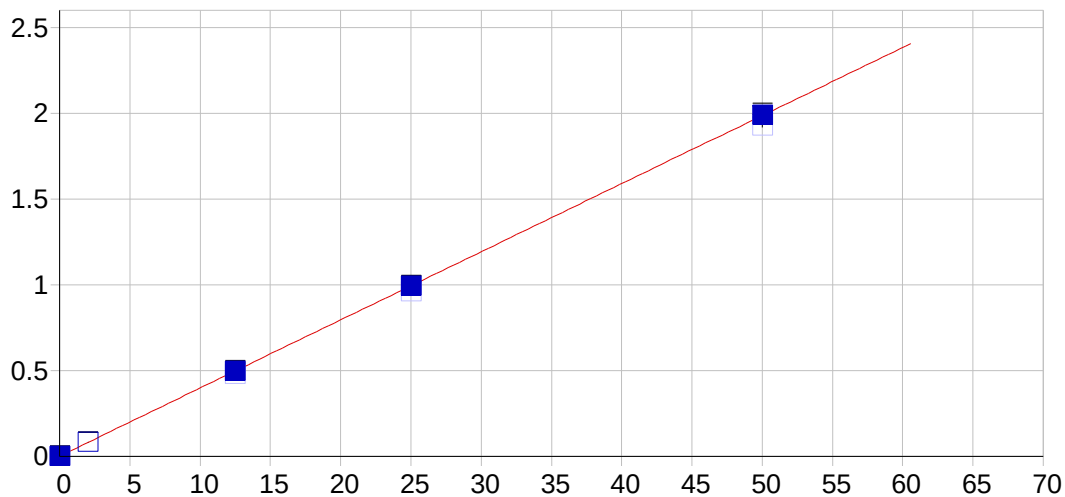
Weighting: 1/Conc

A0 (Offset): -0.000460
 A1 (Gain): 3.622758
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791
 Std Error of Est: 0.000692
 Predicted MDL: 0.000079
 Predicted MQL: 0.000262

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	-.00046	.000	1
S1	.00600	.00613	.000	2.15	.02178	.000	1
S3	1.2500	1.2037	-.046	-3.71	4.3612	.002	1
S4	2.5000	2.4630	-.037	-1.48	8.9243	.031	1
S5	5.0000	5.0832	.083	1.66	18.419	.013	1

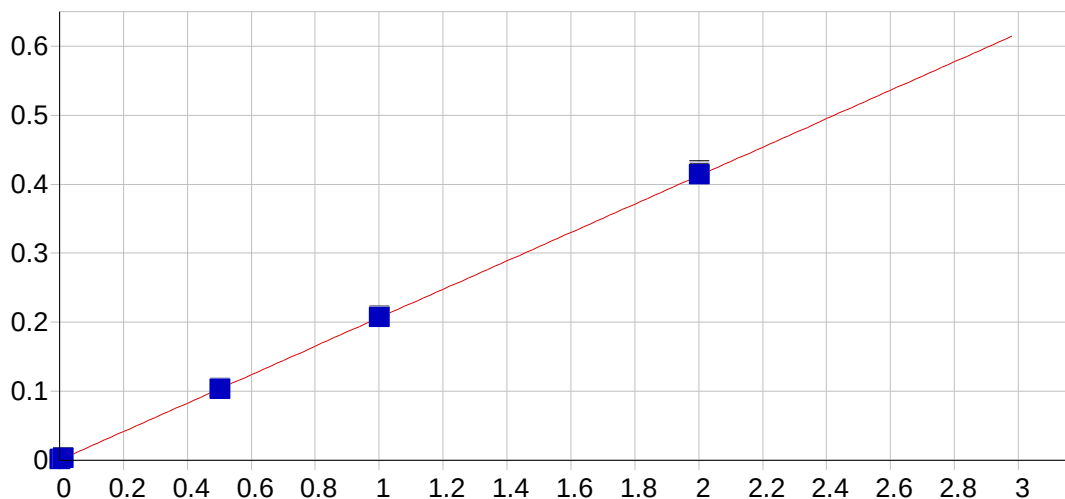


Ca 373.690 { 90}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001548 Re-Slope: 1.000000
 A1 (Gain): 0.039702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.018980
 Predicted MQL: 0.063266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0372	.037	1.86	.08243	.001	1
S0	.00000	-.00002	-.000	.000	.00155	.000	1
S3	12.500	12.413	-.087	-.694	.47785	.004	1
S4	25.000	24.965	-.035	-.140	.95965	.002	1
S5	50.000	50.083	.083	.166	1.9238	.008	1



Cr 267.716 {126}

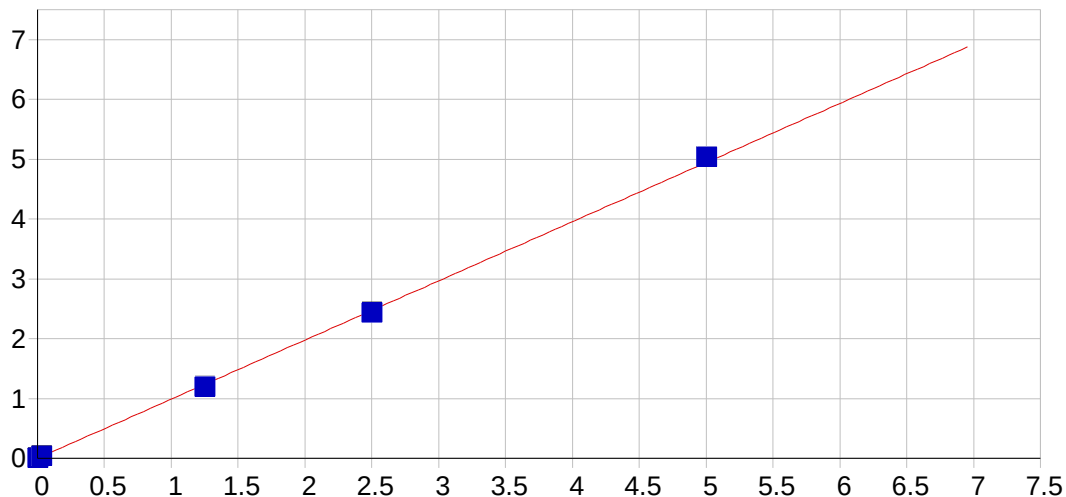
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000562 Re-Slope: 1.000000
 A1 (Gain): 0.205970 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000007
 Predicted MDL: 0.000417
 Predicted MQL: 0.001390

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.01000	.01056	.001	5.64	.00275	.000	1
S3	.50000	.49656	-.003	-.687	.10365	.000	1
S4	1.0000	.99931	-.001	-.069	.20801	.000	1
S5	2.0000	2.0036	.004	.178	.41647	.003	1



Co 228.616 {447}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

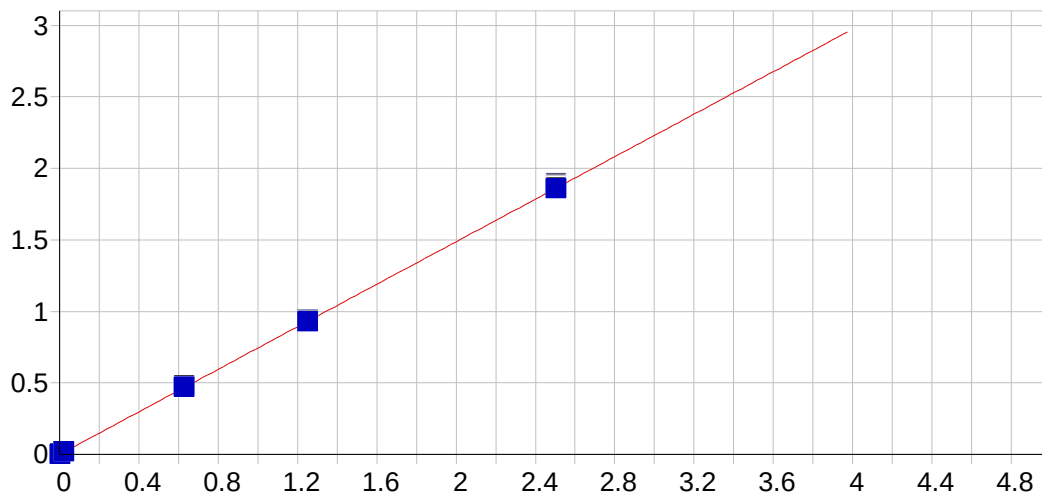
Weighting: 1/Conc

A0 (Offset): 0.000464
 A1 (Gain): 0.988803
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781
 Std Error of Est: 0.000434
 Predicted MDL: 0.000239
 Predicted MQL: 0.000797

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	.00046	.000	1
S1	.03000	.03040	.000	1.33	.03032	.000	1
S3	1.2500	1.2052	-.045	-3.58	1.1931	.002	1
S4	2.5000	2.4573	-.043	-1.71	2.4322	.004	1
S5	5.0000	5.0871	.087	1.74	5.0345	.009	1

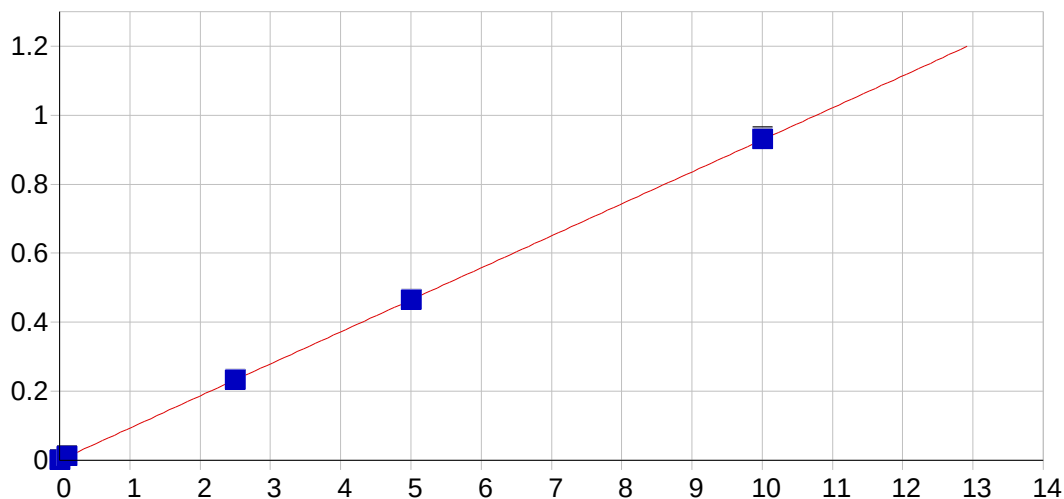


Cu 224.700 {450}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.743379 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.000437
 Predicted MQL: 0.001458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.02000	.02239	.002	12.0	.01711	.000	1
S3	.62500	.63014	.005	.822	.47617	.002	1
S4	1.2500	1.2448	-.005	-.412	.94065	.001	1
S5	2.5000	2.4976	-.002	-.095	1.8869	.004	1



Fe 240.488 {140}

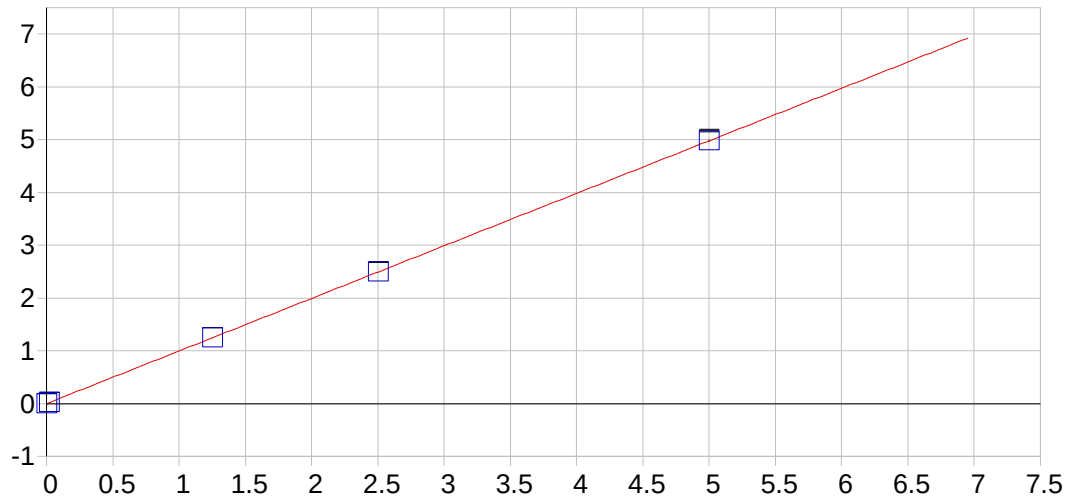
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000841 Re-Slope: 1.000000
 A1 (Gain): 0.092780 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000041
 Predicted MDL: 0.000749
 Predicted MQL: 0.002498

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00084	.000	1
S1	.10000	.11071	.011	10.7	.01116	.000	1
S3	2.5000	2.4941	-.006	-.237	.23311	.001	1
S4	5.0000	4.9968	-.003	-.063	.46618	.000	1
S5	10.000	9.9984	-.002	-.016	.93196	.004	1



Mn 257.610 {131}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

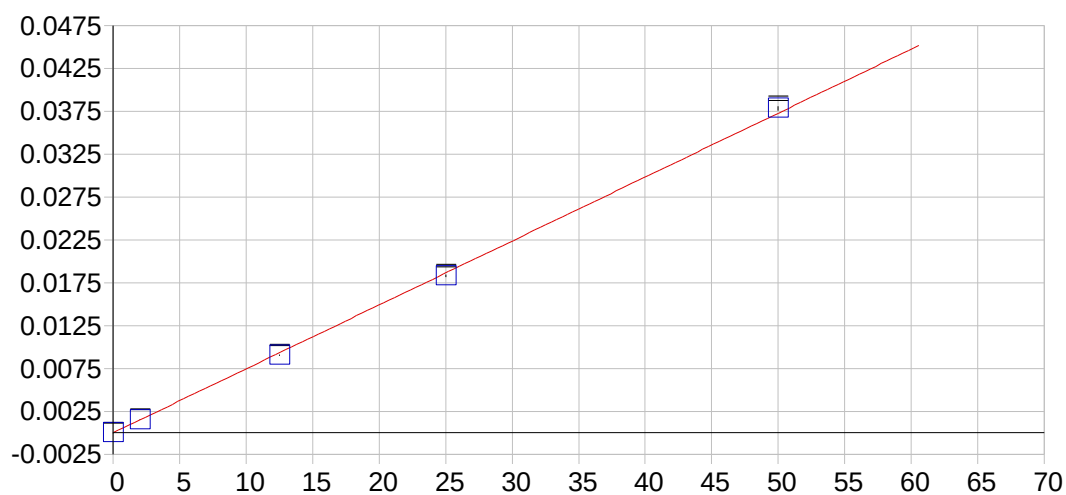
Weighting: 1/Conc

A0 (Offset): -0.000140
 A1 (Gain): 0.995620
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000113
 Predicted MDL: 0.000075
 Predicted MQL: 0.000252

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	-.00014	.000	1
S1	.02000	.02278	.003	13.9	.02254	.000	1
S3	1.2500	1.2484	-.002	-.124	1.2428	.001	1
S4	2.5000	2.4991	-.001	-.036	2.4880	.002	1
S5	5.0000	4.9997	-.000	-.007	4.9776	.022	1

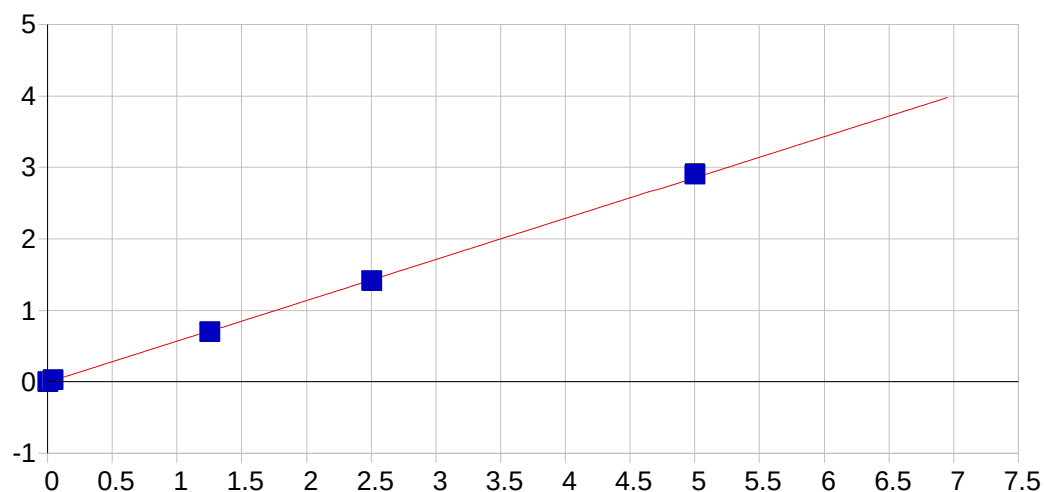


Mg 279.079 {121}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.000745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.047545
 Predicted MQL: 0.158484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0713	.071	3.56	.00156	.000	1
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S3	12.500	12.150	-.350	-2.80	.00908	.000	1
S4	25.000	24.544	-.456	-1.82	.01832	.000	1
S5	50.000	50.734	.734	1.47	.03784	.000	1



Ni 231.604 {445}

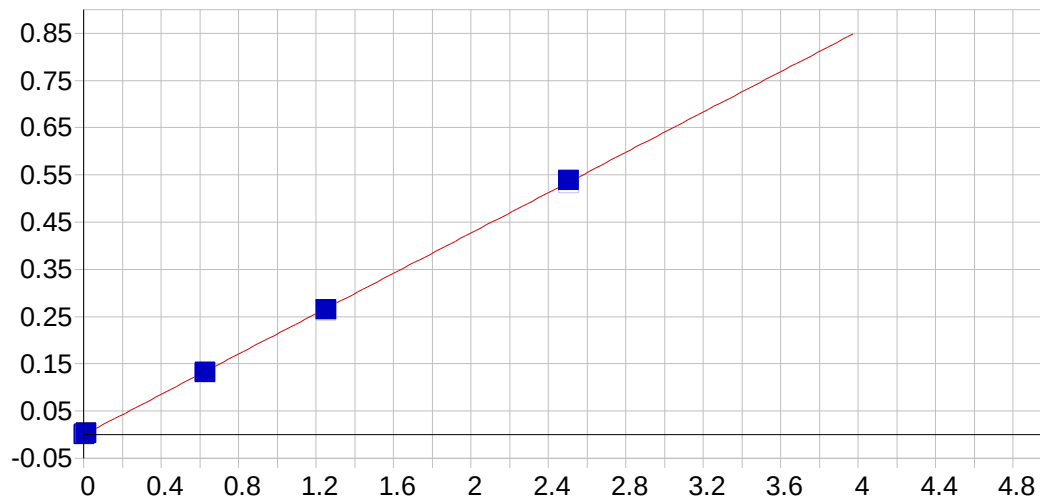
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006822 Re-Slope: 1.000000
 A1 (Gain): 0.573012 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000224
 Predicted MDL: 0.000439
 Predicted MQL: 0.001464

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00682	.000	1
S1	.04000	.04186	.002	4.65	.01718	.000	1
S3	1.2500	1.2178	-.032	-2.57	.69180	.003	1
S4	2.5000	2.4642	-.036	-1.43	1.4068	.003	1
S5	5.0000	5.0661	.066	1.32	2.8992	.006	1



Ag 328.068 {103}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

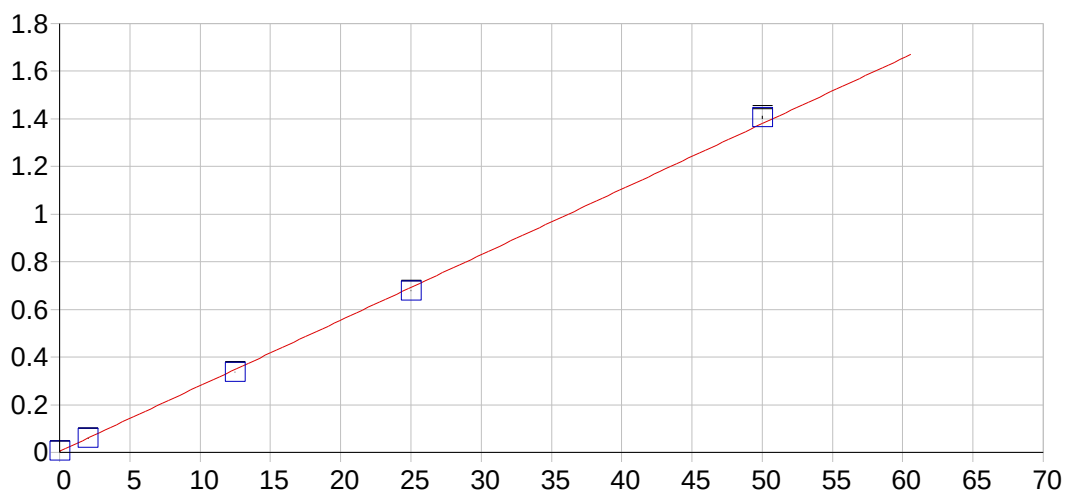
Weighting: 1/Conc

A0 (Offset): -0.000083
 A1 (Gain): 0.213580
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000018
 Predicted MDL: 0.000608
 Predicted MQL: 0.002026

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01000	.01119	.001	11.9	.00226	.000	1
S3	.62500	.61802	-.007	-1.12	.13039	.000	1
S4	1.2500	1.2385	-.011	-.919	.26140	.000	1
S5	2.5000	2.5173	.017	.691	.53148	.001	1

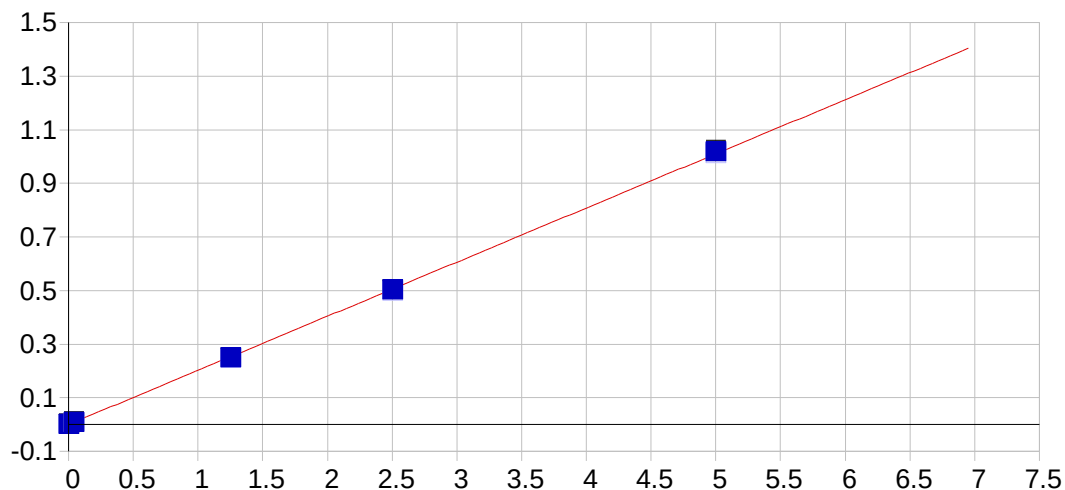


Na 589.592 { 57}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004815 Re-Slope: 1.000000
 A1 (Gain): 0.027496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.009850
 Predicted MQL: 0.032834

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9862	-.014	-.688	.05943	.000	1
S0	.00000	.00008	.000	.000	.00482	.000	1
S3	12.500	12.073	-.427	-3.41	.33678	.001	1
S4	25.000	24.496	-.504	-2.02	.67834	.002	1
S5	50.000	50.945	.945	1.89	1.4056	.007	1



V 292.402 {115}

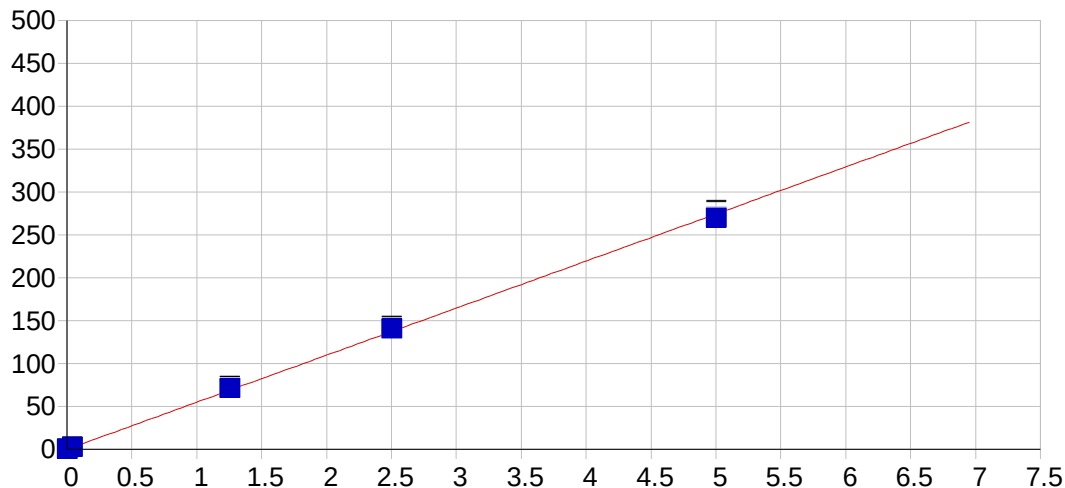
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.201983 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000055
 Predicted MDL: 0.000492
 Predicted MQL: 0.001639

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	.04277	.003	6.91	.00853	.000	1
S3	1.2500	1.2256	-.024	-1.95	.24592	.001	1
S4	2.5000	2.4824	-.018	-.703	.49812	.000	1
S5	5.0000	5.0392	.039	.784	1.0112	.004	1



Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

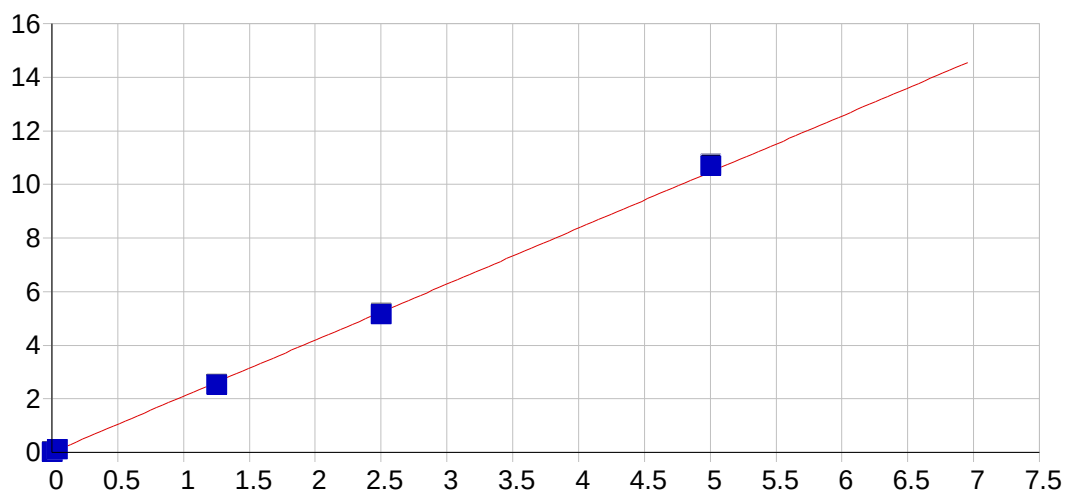
Weighting: 1/Conc

A0 (Offset): 0.011489
 A1 (Gain): 54.877214
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740
 Std Error of Est: 0.030441
 Predicted MDL: 0.000435
 Predicted MQL: 0.001450

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	.01121	.009	1
S1	.04000	.04374	.004	9.35	2.4262	.099	1
S3	1.2500	1.2853	.035	2.82	70.958	2.29	1
S4	2.5000	2.5586	.059	2.34	141.25	1.98	1
S5	5.0000	4.9024	-.098	-1.95	270.70	7.98	1

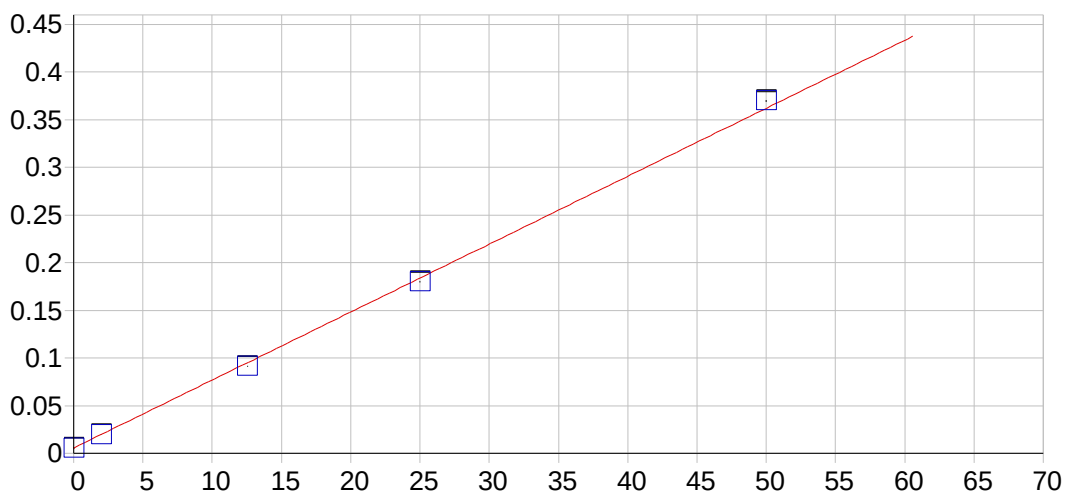


Zn 213.856 {458}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003317 Re-Slope: 1.000000
 A1 (Gain): 2.091373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.001262
 Predicted MDL: 0.000096
 Predicted MQL: 0.000319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00332	.000	1
S1	.04000	.04002	.000	.061	.08761	.000	1
S3	1.2500	1.1945	-.055	-4.44	2.5182	.003	1
S4	2.5000	2.4527	-.047	-1.89	5.1662	.011	1
S5	5.0000	5.1027	.103	2.05	10.742	.012	1



K 766.490 {44}

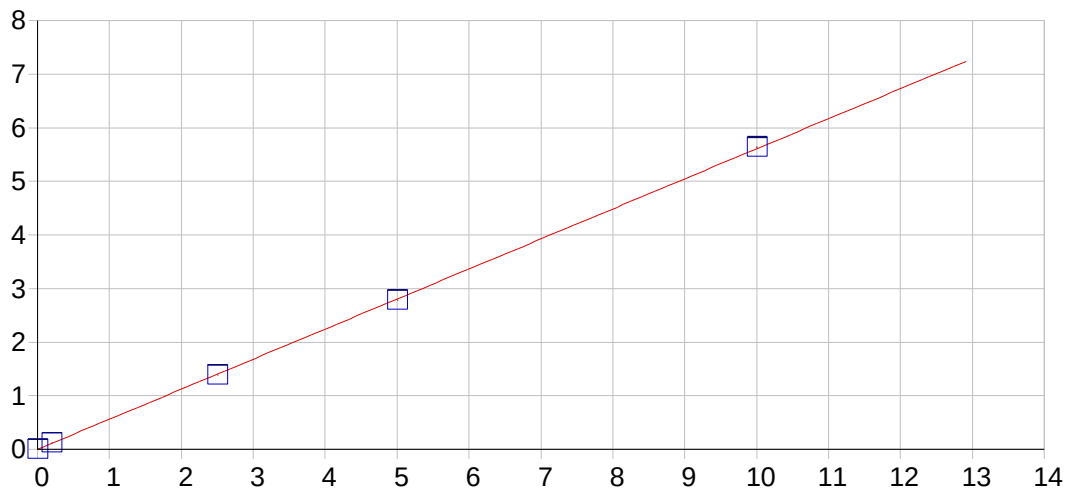
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005591 Re-Slope: 1.000000
 A1 (Gain): 0.007129 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695
 Std Error of Est: 0.000096
 Predicted MDL: 0.036784
 Predicted MQL: 0.122615

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9694	-.031	-1.53	.01963	.000	1
S0	.00000	.00011	.000	.000	.00559	.000	1
S3	12.500	12.027	-.473	-3.78	.09134	.000	1
S4	25.000	24.428	-.572	-2.29	.17974	.001	1
S5	50.000	51.075	1.08	2.15	.36972	.001	1



Mo 202.030 {467}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

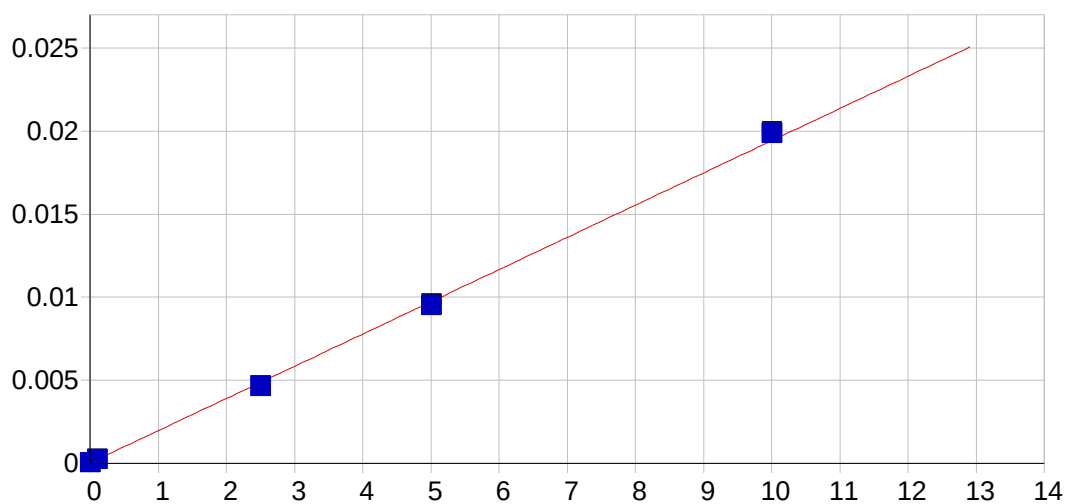
Weighting: 1/Conc

A0 (Offset): 0.000302
 A1 (Gain): 0.560627
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000499
 Predicted MDL: 0.000312
 Predicted MQL: 0.001039

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	.00029	.000	1
S1	.20000	.21691	.017	8.45	.12191	.000	1
S3	2.5000	2.4688	-.031	-1.25	1.3844	.001	1
S4	5.0000	4.9622	-.038	-.756	2.7822	.005	1
S5	10.000	10.052	.052	.521	5.6358	.011	1

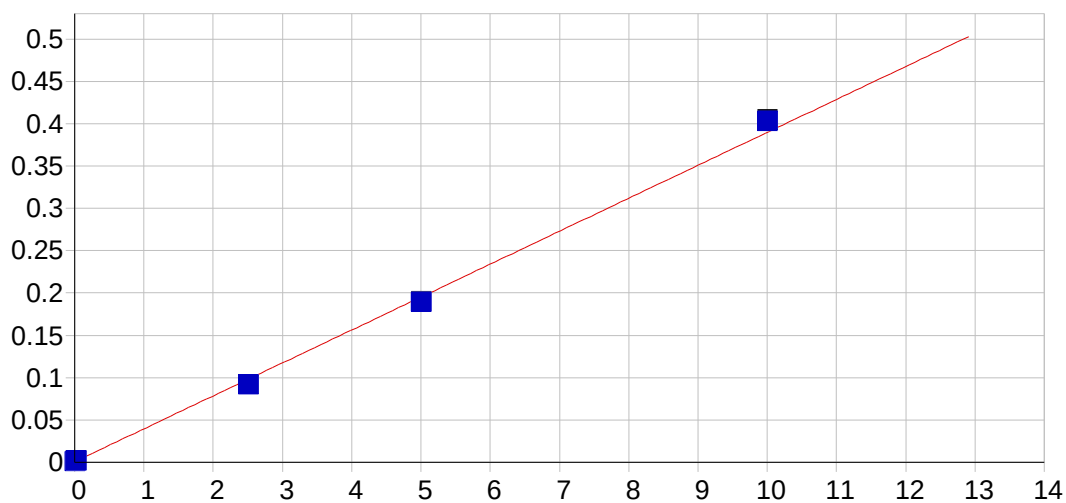


B 249.678 {135}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.001939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999606 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.014232
 Predicted MQL: 0.047441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.10059	.001	.587	.00022	.000	1
S3	2.5000	2.3753	-.125	-4.99	.00462	.000	1
S4	5.0000	4.8934	-.107	-2.13	.00949	.000	1
S5	10.000	10.231	.231	2.31	.01982	.000	1



S 182.034 {485}

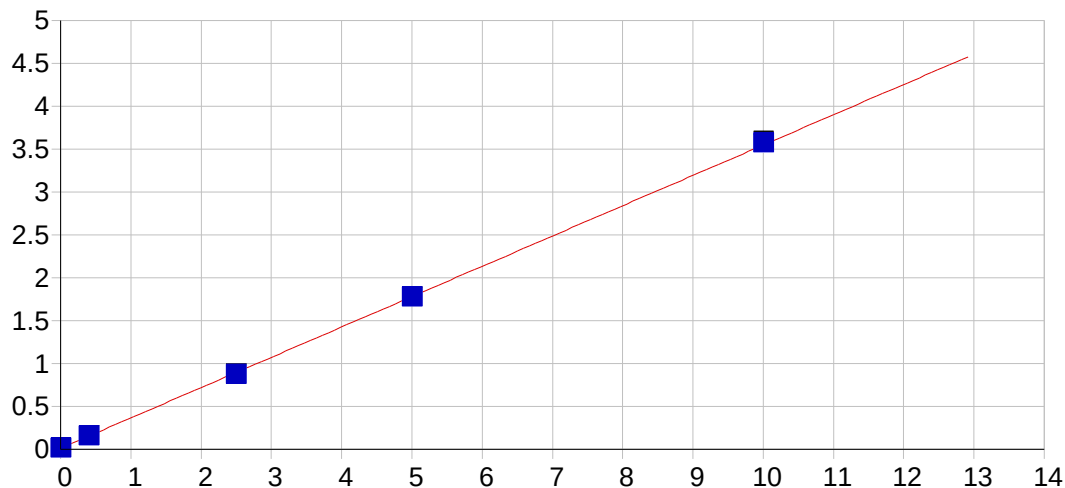
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000641 Re-Slope: 1.000000
 A1 (Gain): 0.038913 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999206
 Std Error of Est: 0.000037
 Predicted MDL: 0.003165
 Predicted MQL: 0.010549

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.02000	.01750	-.002	-12.5	.00130	.000	1
S3	2.5000	2.3289	-.171	-6.84	.09116	.001	1
S4	5.0000	4.8436	-.156	-3.13	.18890	.000	1
S5	10.000	10.330	.330	3.30	.40217	.002	1



Si 288.158 {117}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

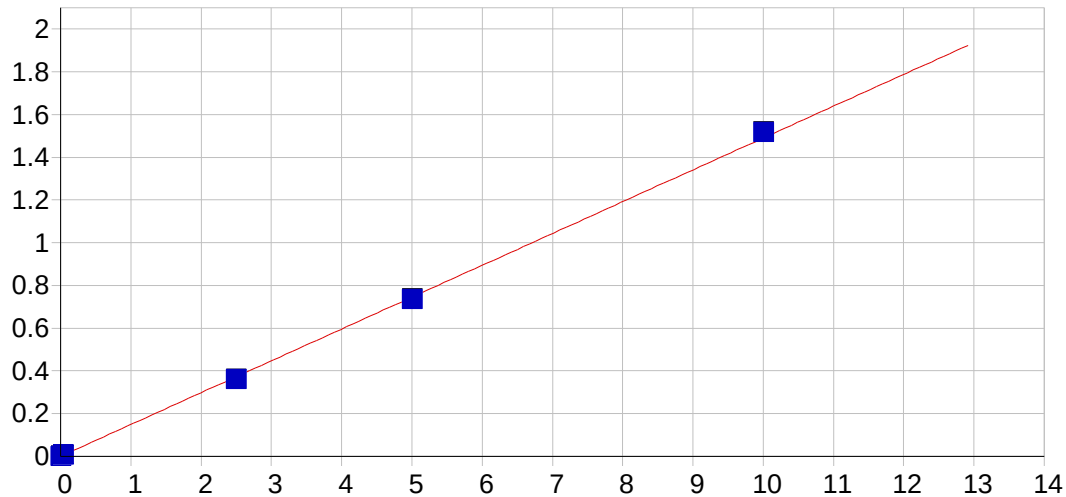
Weighting: 1/Conc

A0 (Offset): 0.012744
 A1 (Gain): 0.353463
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000404
 Predicted MDL: 0.002608
 Predicted MQL: 0.008694

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	.01275	.000	1
S1	.40000	.40598	.006	1.49	.15612	.001	1
S3	2.5000	2.4425	-.057	-2.30	.87561	.006	1
S4	5.0000	4.9818	-.018	-.364	1.7727	.004	1
S5	10.000	10.070	.070	.697	3.5701	.018	1

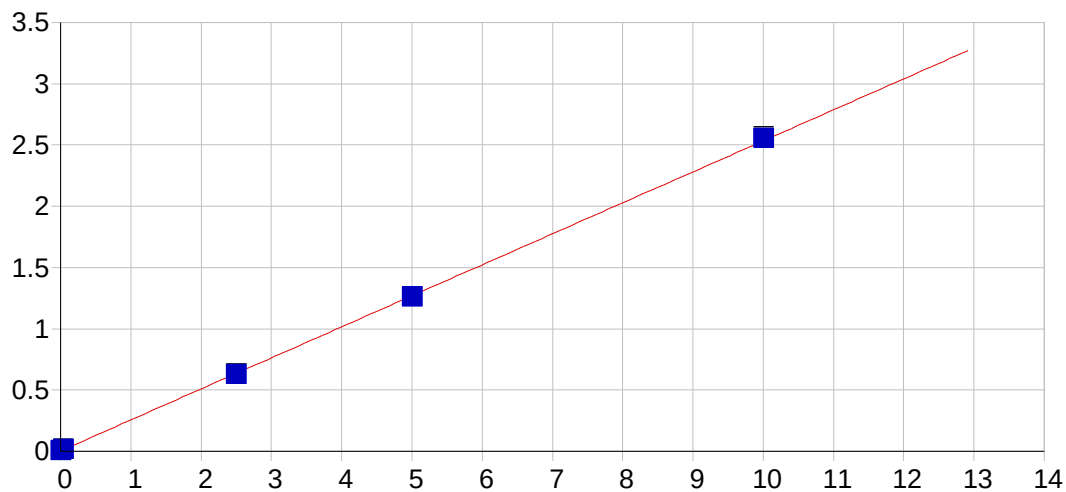


Sn 189.989 {477}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.148996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.000767
 Predicted MQL: 0.002557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.04000	.03991	-.000	-.215	.00625	.000	1
S3	2.5000	2.4130	-.087	-3.48	.35989	.001	1
S4	5.0000	4.9216	-.078	-1.57	.73373	.003	1
S5	10.000	10.165	.165	1.65	1.5152	.004	1



Ti 336.121 {100}

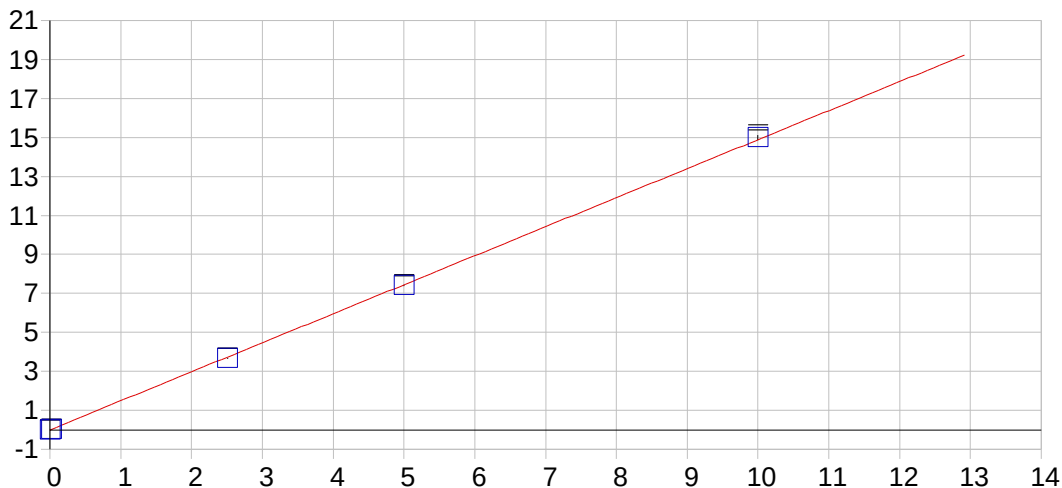
Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003140 Re-Slope: 1.000000
 A1 (Gain): 0.253094 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000088
 Predicted MDL: 0.002161
 Predicted MQL: 0.007204

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00314	.001	1
S1	.04000	.04279	.003	6.96	.01396	.000	1
S3	2.5000	2.4603	-.040	-1.59	.62573	.005	1
S4	5.0000	4.9572	-.043	-.857	1.2576	.003	1
S5	10.000	10.080	.080	.798	2.5540	.012	1



Li 670.784 { 50}

Date of Fit: 6/6/2019 15:31:25

Type of Fit: Linear

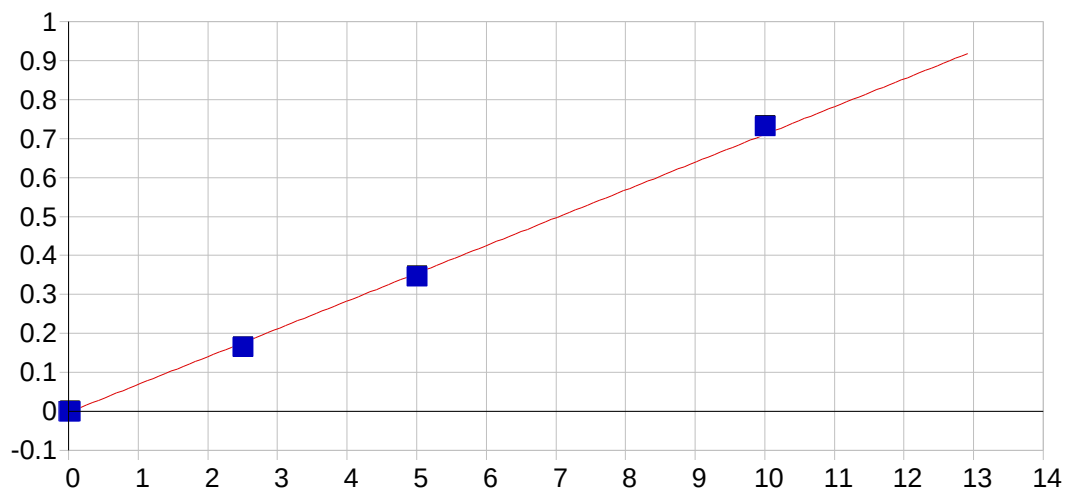
Weighting: 1/Conc

A0 (Offset): -0.000826
 A1 (Gain): 1.488770
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000330
 Predicted MDL: 0.001879
 Predicted MQL: 0.006263

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.001	1
S1	.02000	.01960	-.000	-1.99	.02836	.002	1
S3	2.5000	2.4558	-.044	-1.77	3.6552	.006	1
S4	5.0000	4.9720	-.028	-.559	7.4014	.031	1
S5	10.000	10.073	.073	.726	14.995	.131	1

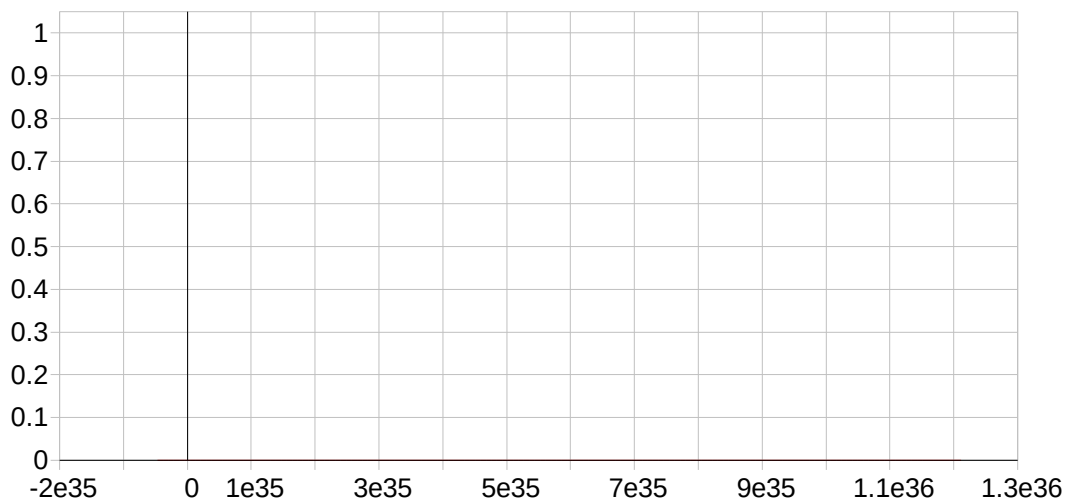


P 177.495 {490}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002068 Re-Slope: 1.000000
 A1 (Gain): 0.071249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999405 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001704
 Predicted MQL: 0.005680

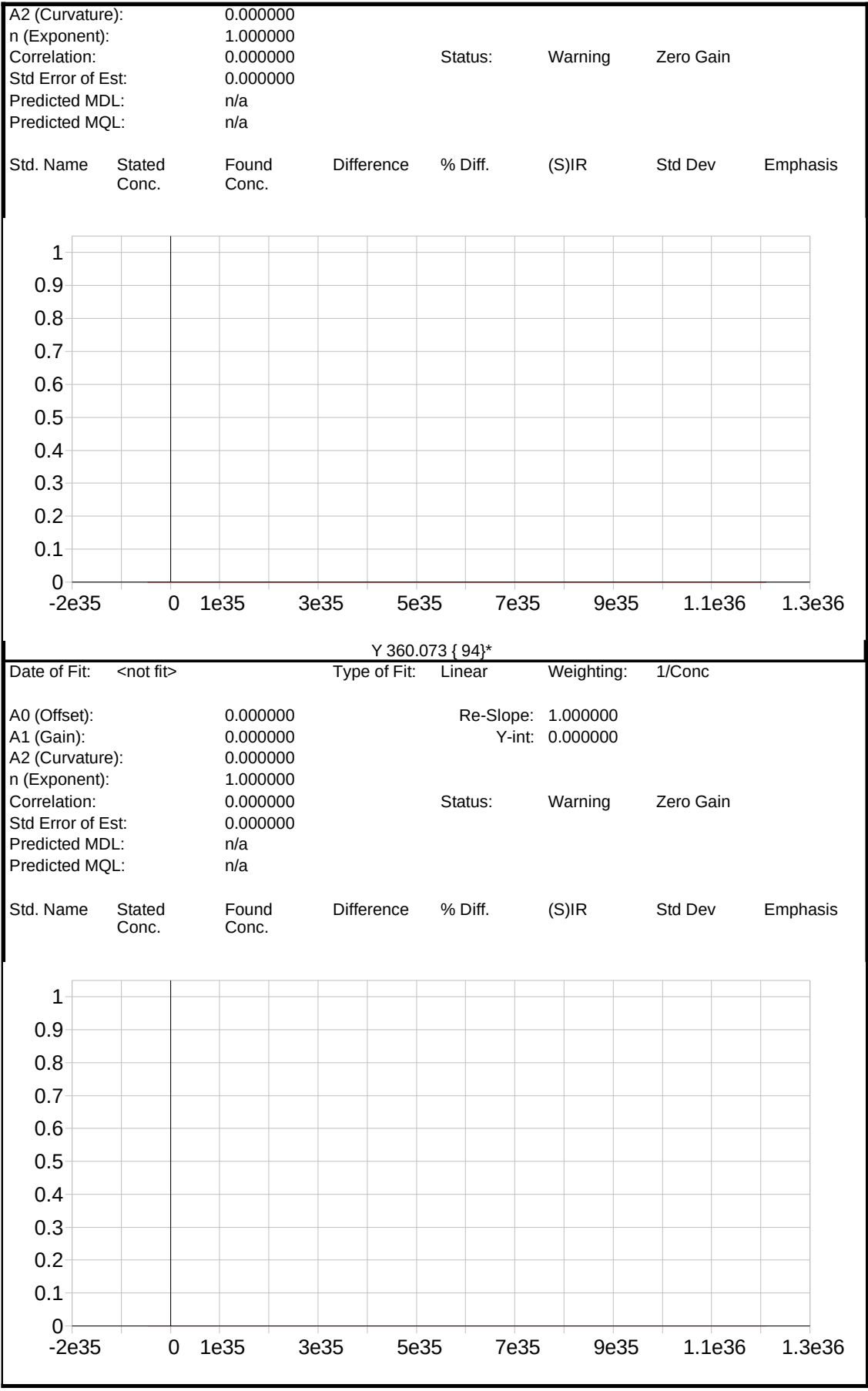
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00207	.000	1
S1	.02000	.01871	-.001	-6.46	-.00074	.000	1
S3	2.5000	2.3425	-.157	-6.30	.16458	.000	1
S4	5.0000	4.8786	-.121	-2.43	.34502	.001	1
S5	10.000	10.280	.280	2.80	.72935	.002	1

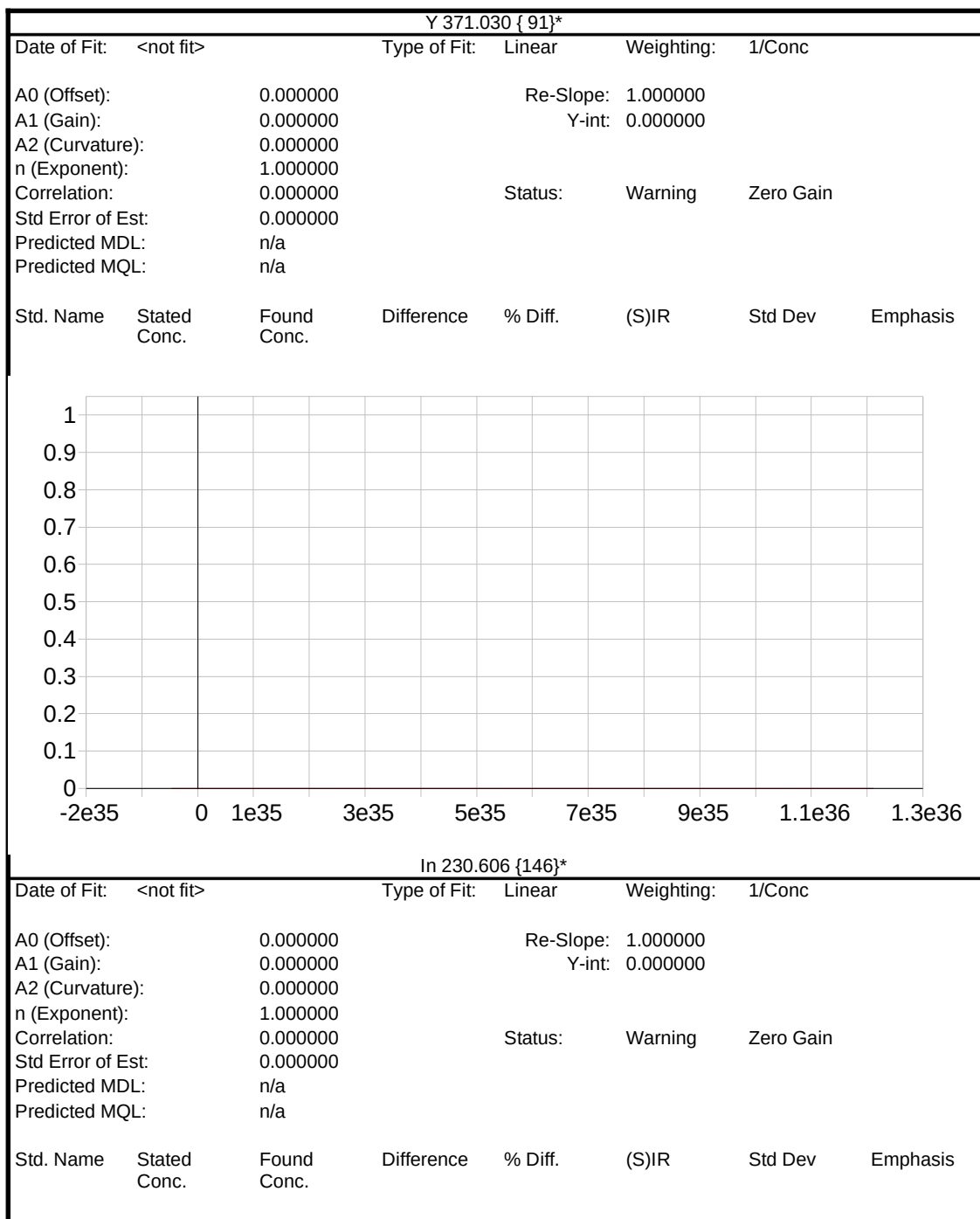


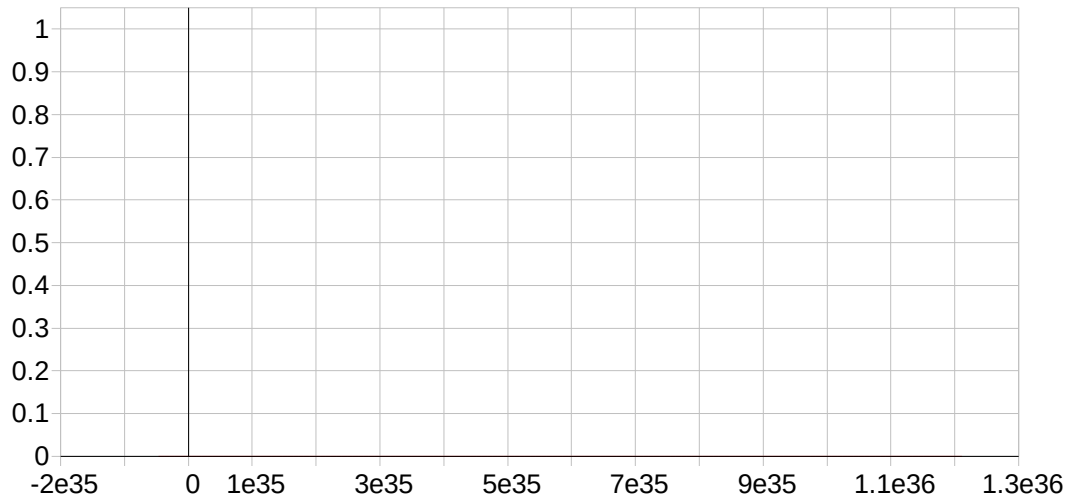
Y 224.306 {450}*

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



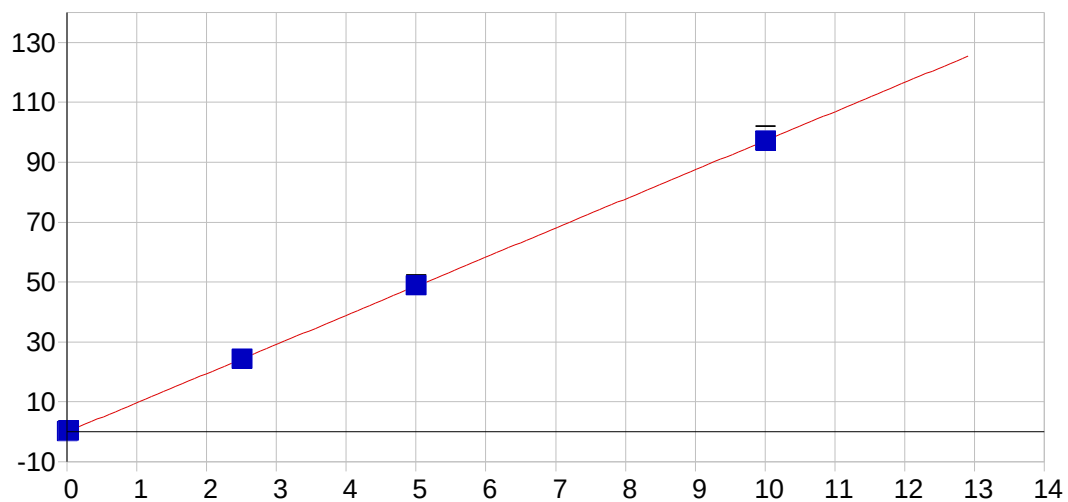




In 230.606 {446}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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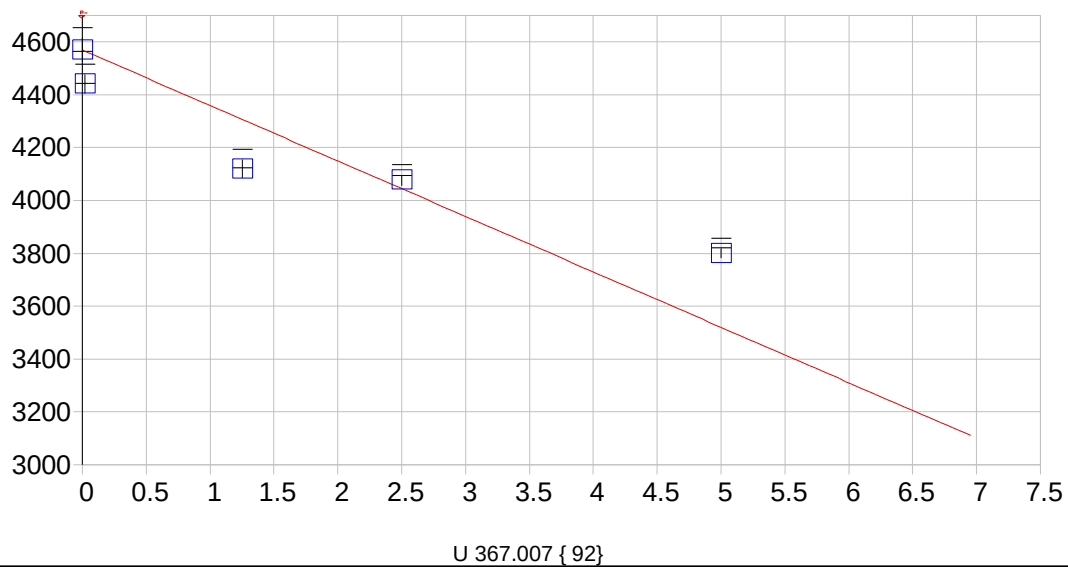


Sr 407.771 { 83}
 Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	9.718620	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.001225		
Predicted MDL:	0.000109		

Predicted MQL: 0.000364

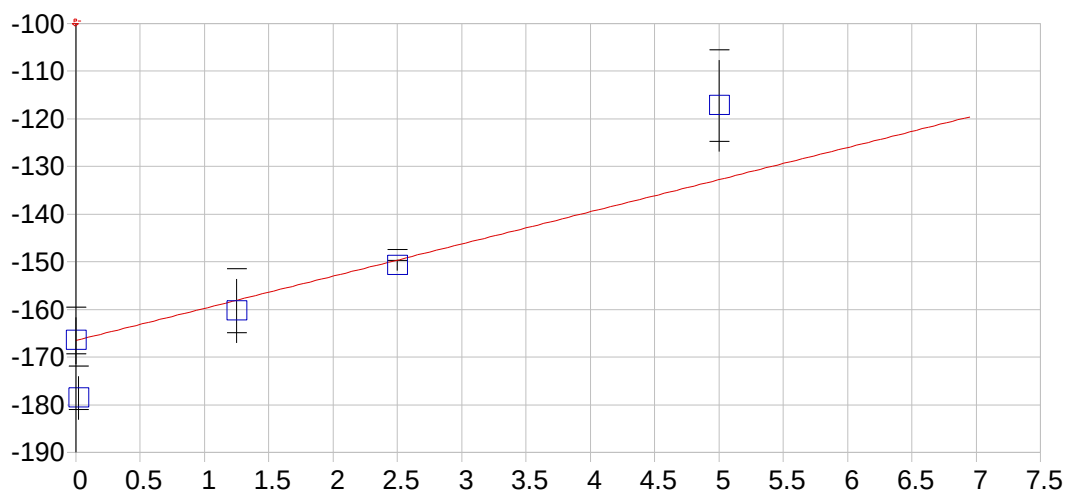
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.001	1
S1	.02000	.02279	.003	14.0	.22287	.001	1
S3	2.5000	2.4992	-.001	-.031	24.316	.030	1
S4	5.0000	5.0164	.016	.327	48.806	.121	1
S5	10.000	9.9816	-.018	-.184	97.115	1.60	1



Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4569.230980 Re-Slope: 1.000000
A1 (Gain): -209.802086 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.567281 Status: Warning Negative Gain
Std Error of Est: 5.204708
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00060	-.001	.000	4569.4	44.8	1
S1	.02000	.61091	.591	2950.	4441.1	36.4	1
S3	1.2500	2.1444	.894	71.6	4119.3	35.4	1
S4	2.5000	2.3482	-.152	-6.07	4076.6	20.7	1
S5	5.0000	3.6665	-1.33	-26.7	3800.0	17.8	1



U 385.958 { 87}

Date of Fit: 6/6/2019 15:31:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -166.512890 Re-Slope: 1.000000
 A1 (Gain): 6.750575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.224940 Status: OK.
 Std Error of Est: 0.499697
 Predicted MDL: 1.635878
 Predicted MQL: 5.452926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00180	.002	.000	-166.50	4.91	1
S1	.02000	-1.7869	-1.81	-9030.	-178.58	4.62	1
S3	1.2500	.92527	-.325	-26.0	-160.27	6.73	1
S4	2.5000	2.3356	-.164	-6.57	-150.75	1.11	1
S5	5.0000	7.2960	2.30	45.9	-117.26	9.60	1

Sample Name: S0 Acquired: 6/6/2019 11:08:28 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.00010	-.00016	.00556	.00005	.00089	.00101	-.00246	-.00010
Stddev	.00014	.00003	.00010	.00012	.00016	.00008	.00010	.00005
%RSD	135.11	18.726	1.8403	213.72	17.725	7.4377	3.8769	45.568
#1	.00011	-.00019	.00554	-.00007	.00072	.00104	-.00243	-.00010
#2	.00023	-.00015	.00567	.00007	.00093	.00106	-.00257	-.00015
#3	-.00004	-.00013	.00547	.00016	.00103	.00093	-.00238	-.00006
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	-.00046	.00155	.00056	.00046	.00023	.00084	-.00014	.00002
Stddev	.00033	.00032	.00004	.00014	.00008	.00004	.00005	.00004
%RSD	70.670	20.807	7.0057	30.134	35.518	4.7494	35.654	205.48
#1	-.00016	.00134	.00054	.00032	.00014	.00080	-.00010	.00007
#2	-.00080	.00192	.00053	.00060	.00030	.00084	-.00020	-.00001
#3	-.00042	.00139	.00061	.00047	.00026	.00088	-.00013	.00001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00682	-.00008	.00482	.00001	.00332	.00559	.00029	.00003
Stddev	.00023	.00005	.00020	.00005	.00030	.00012	.00011	.00001
%RSD	3.3873	62.778	4.1456	398.35	9.0881	2.0845	38.651	31.317
#1	-.00656	-.00010	.00460	-.00004	.00349	.00554	.00022	.00004
#2	-.00697	-.00013	.00485	.00003	.00350	.00551	.00043	.00002
#3	-.00694	-.00003	.00500	.00005	.00297	.00572	.00024	.00002
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	.00064	.01275	.00030	.00314	-.00082	-.0021	.00028	4569.4
Stddev	.00012	.00019	.00002	.00060	.00141	.0001	.00105	44.8
%RSD	19.131	1.4853	7.6072	19.251	170.59	4.141	370.67	.98076
#1	.00070	.01274	.00033	.00332	-.00202	-.0020	.00133	4518.6
#2	.00050	.01294	.00028	.00363	-.00118	-.0020	-.00078	4603.5
#3	.00072	.01256	.00030	.00247	.00073	-.0022	.00030	4585.9

Sample Name: S0 Acquired: 6/6/2019 11:08:28 Type: Cal
 Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-166.50
Stddev	4.91
%RSD	2.9479

#1	-167.28
#2	-161.25
#3	-170.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.8	47022.	4623.5	60.397	4185.2
Stddev	8.9	229.	10.9	1.124	8.2
%RSD	.24156	.48643	.23658	1.8614	.19605

#1	3693.4	47157.	4620.1	60.798	4176.6
#2	3700.9	46758.	4635.7	61.266	4186.2
#3	3711.2	47152.	4614.6	59.127	4192.9

Sample Name: S1 Acquired: 6/6/2019 11:12:55 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.00127	.00485	.00904	.00116	.00739	.00197	.04362	.00551
Stddev	.00008	.00022	.00011	.00013	.00006	.00009	.00041	.00005
%RSD	6.0129	4.4516	1.2551	10.990	.75913	4.7973	.93822	.93973

#1	.00122	.00486	.00905	.00103	.00740	.00191	.04348	.00554
#2	.00136	.00463	.00915	.00117	.00733	.00208	.04330	.00545
#3	.00123	.00506	.00892	.00128	.00744	.00192	.04408	.00553

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	.02178	.00275	.03032	.01711	.01116	.02254	.01718	.00226
Stddev	.00031	.00006	.00023	.00014	.00010	.00007	.00024	.00006
%RSD	1.4385	2.2752	.76892	.81268	.85414	.29058	1.4064	2.5849

#1	.02158	.00282	.03044	.01702	.01123	.02259	.01690	.00228
#2	.02215	.00269	.03005	.01704	.01105	.02257	.01727	.00231
#3	.02162	.00273	.03048	.01727	.01119	.02247	.01736	.00220

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	.00853	.08761	.12191	.00022	.00130	.15612	.00625	.01396
Stddev	.00008	.00048	.00033	.00001	.00009	.00122	.00016	.00021
%RSD	.98497	.54829	.26879	3.3672	6.7654	.77969	2.4825	1.5131

#1	.00855	.08810	.12174	.00021	.00122	.15731	.00608	.01421
#2	.00843	.08715	.12228	.00022	.00139	.15618	.00638	.01385
#3	.00859	.08757	.12169	.00023	.00129	.15488	.00629	.01384

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02836	-.0007	.22287	4441.1	-178.58
Stddev	.00200	.0002	.00091	36.4	4.62
%RSD	7.0681	21.40	.41053	.81990	2.5890

#1	.02604	-.0006	.22191	4467.1	-177.11
#2	.02953	-.0007	.22298	4456.6	-174.86
#3	.02950	-.0009	.22373	4399.5	-183.75

Sample Name: S1 Acquired: 6/6/2019 11:12:55 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	3703.9	47272.	4653.2	61.976	4156.9
Stddev	14.6	162.	20.6	1.228	6.6
%RSD	.39503	.34170	.44237	1.9821	.15950
#1	3718.7	47119.	4630.7	60.559	4150.1
#2	3689.4	47441.	4658.1	62.623	4163.3
#3	3703.7	47258.	4671.0	62.745	4157.4

Sample Name: S2 Acquired: 6/6/2019 11:17:22 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08243	.00156	.05943	.01963
Stddev	.00060	.00001	.00002	.00049
%RSD	.72751	.34791	.02696	2.4867

#1	.08177	.00157	.05941	.01948
#2	.08257	.00157	.05943	.01923
#3	.08294	.00156	.05944	.02018

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	47338.	4718.5
Stddev	52.	11.1
%RSD	.11036	.23526

#1	47302.	4705.7
#2	47314.	4726.0
#3	47398.	4723.8

Sample Name: S3 Acquired: 6/6/2019 11:21:36 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.12718	.29657	.66828	.14793	.29685	.03827	2.1084	.10612
Stddev	.00015	.00022	.00018	.00023	.00028	.00025	.0022	.00021
%RSD	.12084	.07448	.02645	.15243	.09324	.65421	.10570	.19342
#1	.12704	.29647	.66847	.14769	.29687	.03840	2.1093	.10599
#2	.12715	.29641	.66826	.14814	.29656	.03798	2.1058	.10635
#3	.12735	.29682	.66812	.14797	.29711	.03843	2.1100	.10600
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	4.3612	.47785	.10365	1.1931	.47617	.23311	1.2428	.00908
Stddev	.0015	.00387	.00013	.0018	.00212	.00065	.0006	.00005
%RSD	.03548	.80893	.12976	.14825	.44584	.27855	.05064	.54038
#1	4.3596	.47413	.10350	1.1944	.47380	.23260	1.2432	.00902
#2	4.3613	.47758	.10370	1.1940	.47790	.23288	1.2421	.00909
#3	4.3627	.48184	.10375	1.1911	.47682	.23384	1.2432	.00912
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	.69180	.13039	.33678	.24592	2.5182	.09134	1.3844	.00462
Stddev	.00282	.00012	.00089	.00084	.0027	.00028	.0014	.00003
%RSD	.40766	.09288	.26507	.34276	.10846	.30367	.10309	.67488
#1	.69113	.13032	.33733	.24670	2.5214	.09106	1.3828	.00460
#2	.69489	.13033	.33575	.24503	2.5170	.09162	1.3856	.00461
#3	.68937	.13053	.33726	.24603	2.5163	.09133	1.3848	.00466
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	.09116	.87561	.35989	.62573	3.6552	.1646	24.316	4119.3
Stddev	.00059	.00641	.00055	.00488	.0063	.0003	.030	35.4
%RSD	.64802	.73153	.15229	.78057	.17154	.1672	.12411	.85976
#1	.09139	.87166	.36024	.62384	3.6589	.1643	24.300	4084.4
#2	.09160	.87217	.36017	.62208	3.6480	.1649	24.298	4118.4
#3	.09048	.88300	.35926	.63128	3.6588	.1645	24.351	4155.2

Sample Name: S3 Acquired: 6/6/2019 11:21:36 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-160.27
Stddev	6.73
%RSD	4.2019

#1	-166.13
#2	-161.75
#3	-152.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3585.9	46263.	4675.3	58.915	3882.8
Stddev	7.4	139.	23.4	1.833	10.0
%RSD	.20558	.30064	.50056	3.1119	.25822

#1	3581.8	46309.	4689.4	56.798	3873.3
#2	3594.4	46374.	4688.2	59.965	3893.3
#3	3581.5	46107.	4648.3	59.981	3881.8

Sample Name: S4 Acquired: 6/6/2019 11:25:35 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.25667	.60155	1.3510	.29856	.59812	.07719	4.2748	.21473
Stddev	.00088	.00144	.0044	.00096	.00156	.00031	.0121	.00053
%RSD	.34118	.24016	.32377	.32240	.26121	.39739	.28339	.24838
#1	.25755	.60044	1.3535	.29939	.59907	.07684	4.2623	.21436
#2	.25580	.60103	1.3460	.29751	.59898	.07742	4.2865	.21449
#3	.25666	.60318	1.3536	.29878	.59632	.07731	4.2758	.21534
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	8.9243	.95965	.20801	2.4322	.94065	.46618	2.4880	.01832
Stddev	.0307	.00167	.00047	.0036	.00058	.00008	.0024	.00014
%RSD	.34444	.17396	.22359	.14904	.06115	.01799	.09737	.77113
#1	8.9375	.95782	.20758	2.4345	.94128	.46608	2.4862	.01821
#2	8.8892	.96001	.20794	2.4280	.94052	.46623	2.4870	.01826
#3	8.9462	.96110	.20850	2.4340	.94015	.46623	2.4908	.01848
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	1.4068	.26140	.67834	.49812	5.1662	.17974	2.7822	.00949
Stddev	.0029	.00033	.00231	.00042	.0105	.00071	.0053	.00008
%RSD	.20857	.12524	.34007	.08490	.20351	.39389	.19210	.82807
#1	1.4094	.26147	.67636	.49859	5.1700	.17893	2.7881	.00940
#2	1.4036	.26104	.68087	.49777	5.1543	.18007	2.7810	.00953
#3	1.4074	.26169	.67779	.49800	5.1743	.18023	2.7776	.00955
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	.18890	1.7727	.73373	1.2576	7.4014	.3450	48.806	4076.6
Stddev	.00036	.0037	.00265	.0026	.0306	.0008	.121	20.7
%RSD	.19177	.21023	.36107	.20780	.41383	.2412	.24854	.50884
#1	.18853	1.7770	.73319	1.2553	7.4301	.3452	48.925	4076.6
#2	.18892	1.7708	.73140	1.2571	7.4050	.3441	48.811	4055.8
#3	.18926	1.7703	.73661	1.2604	7.3691	.3457	48.682	4097.3

Sample Name: S4 Acquired: 6/6/2019 11:25:35 Type: Cal
 Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-150.75
Stddev	1.11
%RSD	.73782

#1	-149.55
#2	-151.75
#3	-150.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.5	45197.	4605.9	57.696	3708.4
Stddev	18.5	67.	23.7	.696	15.7
%RSD	.52673	.14915	.51469	1.2060	.42320

#1	3517.9	45119.	4578.7	57.171	3718.7
#2	3494.5	45240.	4622.0	58.486	3690.4
#3	3531.1	45231.	4617.0	57.432	3716.3

Sample Name: S5 Acquired: 6/6/2019 11:29:35 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.52541	1.2182	2.7786	.60512	1.2190	.15804	8.7978	.43493
Stddev	.00129	.0029	.0018	.00149	.0045	.00159	.0584	.00189
%RSD	.24499	.24041	.06419	.24626	.37164	1.0035	.66398	.43437
#1	.52689	1.2148	2.7802	.60651	1.2241	.15720	8.7639	.43359
#2	.52458	1.2197	2.7767	.60529	1.2156	.15705	8.7642	.43411
#3	.52476	1.2201	2.7790	.60355	1.2172	.15987	8.8652	.43710
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	18.419	1.9238	.41647	5.0345	1.8869	.93196	4.9776	.03784
Stddev	.013	.0081	.00256	.0087	.0041	.00420	.0218	.00023
%RSD	.07154	.42077	.61360	.17299	.21765	.45043	.43801	.59475
#1	18.421	1.9149	.41405	5.0255	1.8913	.92860	4.9590	.03772
#2	18.405	1.9258	.41623	5.0352	1.8864	.93061	4.9722	.03769
#3	18.431	1.9308	.41914	5.0428	1.8831	.93667	5.0016	.03810
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	2.8992	.53148	1.4056	1.0112	10.742	.36972	5.6358	.01982
Stddev	.0060	.00127	.0071	.0035	.012	.00117	.0108	.00008
%RSD	.20588	.23810	.50632	.35045	.11496	.31715	.19104	.42522
#1	2.8939	.53050	1.4023	1.0085	10.737	.36898	5.6474	.01987
#2	2.8981	.53103	1.4006	1.0100	10.732	.36911	5.6337	.01972
#3	2.9057	.53291	1.4137	1.0152	10.756	.37107	5.6262	.01987
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	.40217	3.5701	1.5152	2.5540	14.995	.7294	97.115	3800.0
Stddev	.00157	.0179	.0041	.0116	.131	.0016	1.603	17.8
%RSD	.39056	.49990	.27147	.45380	.87294	.2206	1.6501	.46822
#1	.40058	3.5499	1.5116	2.5414	14.878	.7280	95.297	3819.5
#2	.40222	3.5767	1.5143	2.5561	14.970	.7290	97.721	3795.7
#3	.40372	3.5838	1.5197	2.5643	15.136	.7311	98.325	3784.7

Sample Name: S5 Acquired: 6/6/2019 11:29:35 Type: Cal
Method: P4-ICP2(v3180) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-117.26
Stddev	9.60
%RSD	8.1837

#1	-123.68
#2	-121.88
#3	-106.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.9	44001.	4590.8	58.479	3493.3
Stddev	5.5	217.	23.1	1.562	6.5
%RSD	.16121	.49331	.50357	2.6702	.18498

#1	3401.7	44142.	4616.3	60.075	3497.8
#2	3410.0	44111.	4584.7	58.408	3496.3
#3	3412.1	43751.	4571.3	56.954	3485.9

Sample Name: ICV01 Acquired: 6/6/2019 12:25:24 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	1.0547	1.0911	1.0482	1.0587	1.0472	2.5642	.51163
Stddev	.0004	.0026	.0014	.0018	.0055	.0218	.00343
%RSD	.03516	.23902	.12869	.17369	.52511	.84861	.67109

#1	1.0551	1.0903	1.0485	1.0589	1.0436	2.5749	.50767
#2	1.0548	1.0940	1.0494	1.0568	1.0444	2.5786	.51347
#3	1.0544	1.0890	1.0467	1.0604	1.0535	2.5392	.51375

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51381	.50759	10.888	.51034	.52307	.49783	5.2966
Stddev	.00190	.00086	.016	.00124	.00129	.00235	.0221
%RSD	.37032	.16931	.14887	.24304	.24590	.47253	.41651

#1	.51267	.50660	10.872	.50894	.52164	.49538	5.2739
#2	.51276	.50805	10.888	.51078	.52348	.49804	5.2979
#3	.51601	.50812	10.904	.51130	.52411	.50007	5.3180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52233	6.1331	.52701	.52408	10.191	.51545	1.0332
Stddev	.00162	.0819	.00253	.00075	.089	.00135	.0002
%RSD	.30950	1.3345	.47921	.14403	.87094	.26101	.02370

#1	.52049	6.0639	.52430	.52441	10.089	.51498	1.0330
#2	.52300	6.2235	.52930	.52322	10.251	.51441	1.0335
#3	.52350	6.1121	.52744	.52462	10.233	.51697	1.0331

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.234	2.7118	2.5580	F .00387	2.4725	2.6135	2.6900
Stddev	.079	.0102	.0057	.00060	.0135	.0089	.0039
%RSD	.77199	.37637	.22400	15.459	.54478	.33989	.14310

#1	10.143	2.7119	2.5606	.00451	2.4839	2.6145	2.6858
#2	10.287	2.7015	2.5621	.00333	2.4577	2.6042	2.6933
#3	10.271	2.7220	2.5515	.00377	2.4759	2.6219	2.6909

Sample Name: ICV01 Acquired: 6/6/2019 12:25:24 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He 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 -.00183	F -.0010	F .00686	F 3.4035	F 4.1497
Stddev	.00191	.0025	.00005	.0748	1.7474
%RSD	104.83	239.2	.67710	2.1982	42.110
#1	.00038	-.0031	.00690	3.3171	5.7203
#2	-.00302	-.0017	.00686	3.4475	2.2674
#3	-.00284	.0017	.00681	3.4458	4.4615
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.3	46782.	4659.4	60.814	3928.7
Stddev	8.0	104.	4.3	1.747	8.2
%RSD	.22337	.22259	.09130	2.8721	.20779
#1	3559.1	46902.	4656.3	62.825	3919.5
#2	3574.3	46728.	4664.3	59.941	3931.6
#3	3562.6	46716.	4657.7	59.677	3935.1

Sample Name: LLICV01 Acquired: 6/6/2019 12:32:32 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.02186	.04348	.01322	.02073	.05913	.09504	.10632
Stddev	.00174	.00062	.00066	.00212	.00013	.00262	.00114
%RSD	7.9652	1.4159	5.0022	10.224	.21956	2.7592	1.0680

#1	.01991	.04339	.01377	.02166	.05905	.09743	.10557
#2	.02244	.04413	.01340	.02223	.05928	.09546	.10762
#3	.02324	.04291	.01249	.01830	.05906	.09223	.10576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	.00613	2.1198	.01019	.03058	.02229	.11082
Stddev	.00009	.00002	.0180	.00020	.00036	.00033	.00141
%RSD	1.3702	.27686	.84663	1.9307	1.1801	1.4827	1.2750

#1	.00669	.00612	2.1355	.01029	.03048	.02246	.11164
#2	.00655	.00615	2.1002	.00997	.03028	.02250	.10919
#3	.00673	.00613	2.1236	.01032	.03098	.02191	.11163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02314	2.0749	.04168	.01147	2.0403	.04221	.04062
Stddev	.00005	.0469	.00054	.00032	.0208	.00064	.00012
%RSD	.20737	2.2619	1.2851	2.7870	1.0173	1.5053	.29984

#1	.02319	2.0506	.04209	.01180	2.0175	.04176	.04049
#2	.02311	2.0451	.04188	.01117	2.0581	.04294	.04073
#3	.02311	2.1290	.04108	.01142	2.0453	.04194	.04064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0454	.22128	.09981	F .01416	.39867	.04116	.04316
Stddev	.0112	.00087	.01146	.00119	.00350	.00042	.00125
%RSD	.54626	.39348	11.477	8.4214	.87873	1.0275	2.9030

#1	2.0413	.22213	.09192	.01489	.40256	.04147	.04454
#2	2.0581	.22133	.09457	.01278	.39578	.04134	.04285
#3	2.0369	.22039	.11295	.01479	.39765	.04068	.04210

Sample Name: LLICV01 Acquired: 6/6/2019 12:32:32 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01786	.0172	.02259	F 2.7383	F<.00000
Stddev	.00162	.0010	.00014	.2314	1.0550
%RSD	9.0416	5.691	.60803	8.4503	47.746

#1	.01771	.0172	.02259	2.9928	-1.3930
#2	.01955	.0162	.02245	2.6817	-3.4007
#3	.01633	.0182	.02273	2.5405	-1.8348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.8	47381.	4682.6	61.419	4087.4
Stddev	10.3	97.	30.7	1.100	9.0
%RSD	.28545	.20531	.65580	1.7913	.22043

#1	3591.3	47271.	4647.3	60.652	4080.2
#2	3605.8	47456.	4703.1	62.680	4097.5
#3	3611.2	47416.	4697.4	60.925	4084.5

Sample Name: ICB01 Acquired: 6/6/2019 12:36:58 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00035	-.00051	-.00100	-.00237	.00208	-.00679	.00040
Stddev	.00128	.00083	.00053	.00325	.00216	.00956	.00007
%RSD	361.01	163.47	53.301	136.85	104.09	140.77	18.214

#1	.00176	.00013	-.00148	-.00272	.00448	-.01765	.00043
#2	.00004	-.00144	-.00042	-.00543	.00028	.00040	.00031
#3	-.00074	-.00021	-.00110	.00104	.00147	-.00314	.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00009	.00236	-.00039	-.00002	-.00040	.00052
Stddev	.00006	.00004	.01609	.00021	.00011	.00015	.00051
%RSD	263.80	45.514	680.96	52.823	550.72	37.358	97.521

#1	.00009	-.00006	.02072	-.00016	.00006	-.00028	.00025
#2	-.00002	-.00013	-.00433	-.00044	.00003	-.00035	.00020
#3	-.00000	-.00007	-.00930	-.00057	-.00014	-.00057	.00110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01940	.00034	-.00007	-.07130	.00025	-.00014
Stddev	.00001	.00827	.00017	.00035	.00317	.00008	.00011
%RSD	59.233	42.638	50.405	506.19	4.4427	31.548	77.100

#1	.00000	.01468	.00032	.00012	-.07119	.00016	-.00026
#2	.00001	.01456	.00051	-.00048	-.06818	.00030	-.00005
#3	.00002	.02895	.00017	.00015	-.07451	.00029	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06958	.00017	-.00952	-.00573	-.00060	-.00039	.00039
Stddev	.02860	.00029	.01180	.00021	.00276	.00043	.00055
%RSD	41.101	172.03	123.86	3.5823	464.11	109.33	139.36

#1	-.04533	-.00017	-.00402	-.00558	.00243	.00009	.00058
#2	-.06229	.00035	-.00149	-.00565	-.00123	-.00055	.00082
#3	-.10111	.00032	-.02306	-.00596	-.00299	-.00072	-.00022

Sample Name: ICB01 Acquired: 6/6/2019 12:36:58 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00338	-0.0024	-0.00013	F 2.3493	F<.00000
Stddev	.00186	.0017	.00004	.1786	1.1773
%RSD	55.068	72.07	34.024	7.6032	149.42
#1	-0.00465	-0.0020	-0.00008	2.4582	-2.1458
#2	-0.00124	-0.0009	-0.00013	2.1431	-.05238
#3	-0.00423	-0.0043	-0.00016	2.4465	-.16558
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.4	47537.	4687.5	61.333	4125.3
Stddev	15.8	71.	51.4	1.494	14.0
%RSD	.43558	.14954	1.0973	2.4352	.33871
#1	3629.1	47456.	4629.5	61.516	4131.0
#2	3609.5	47591.	4727.6	59.757	4109.4
#3	3640.7	47562.	4705.3	62.727	4135.5

Sample Name: CRI01 Acquired: 6/6/2019 12:41:26 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.02396	.04256	.01320	.02176	.05644	.09821	.10684
Stddev	.00329	.00012	.00099	.00163	.00137	.00519	.00026
%RSD	13.720	.28920	7.4719	7.4794	2.4215	5.2880	.24464

#1	.02201	.04259	.01371	.02258	.05503	.10136	.10714
#2	.02776	.04266	.01206	.01989	.05776	.09222	.10664
#3	.02213	.04242	.01382	.02281	.05652	.10106	.10674

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	.00607	2.1320	.01059	.03046	.02197	.11024
Stddev	.00016	.00009	.0039	.00044	.00025	.00015	.00020
%RSD	2.3493	1.4642	.18197	4.1084	.80489	.69044	.18049

#1	.00682	.00597	2.1288	.01070	.03024	.02213	.11002
#2	.00653	.00610	2.1310	.01097	.03042	.02194	.11028
#3	.00659	.00614	2.1363	.01012	.03072	.02183	.11041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02305	2.1287	.04206	.01120	2.0452	.04223	.04041
Stddev	.00007	.0789	.00044	.00051	.0109	.00038	.00009
%RSD	.32338	3.7050	1.0387	4.5839	.53436	.89904	.21798

#1	.02313	2.1641	.04200	.01179	2.0332	.04247	.04036
#2	.02304	2.1837	.04166	.01091	2.0480	.04243	.04036
#3	.02298	2.0383	.04253	.01090	2.0545	.04180	.04051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0425	.22087	.10171	.01546	.40111	.03996	.04106
Stddev	.0218	.00085	.00382	.00208	.00354	.00074	.00222
%RSD	1.0693	.38370	3.7604	13.469	.88277	1.8474	5.4057

#1	2.0383	.21991	.10016	.01769	.40131	.03981	.04029
#2	2.0230	.22119	.10607	.01513	.40455	.04076	.04356
#3	2.0661	.22152	.09890	.01357	.39748	.03931	.03933

Sample Name: CRI01 Acquired: 6/6/2019 12:41:26 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01870	.0178	.02246	F 2.3576	F<.00000
Stddev	.00238	.0003	.00008	.1228	1.5638
%RSD	12.725	1.583	.35890	5.2070	92.462

#1	.01607	.0179	.02237	2.2730	-3.4669
#2	.01932	.0181	.02250	2.3015	-.51864
#3	.02070	.0175	.02251	2.4984	-1.0885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.2	47337.	4688.5	60.649	4097.6
Stddev	12.5	113.	14.9	1.922	4.1
%RSD	.34506	.23826	.31755	3.1698	.10103

#1	3625.6	47244.	4684.1	58.630	4097.4
#2	3604.8	47305.	4676.3	60.861	4093.5
#3	3603.3	47463.	4705.1	62.457	4101.8

Sample Name: ICSA01 Acquired: 6/6/2019 12:45:53 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00802	.00573	-.00100	-.00030	.01221	276.79	.00656	.00206
Stddev	.00106	.00218	.00032	.00143	.00201	1.09	.00012	.00010
%RSD	13.239	37.972	31.861	473.12	16.465	.39306	1.8759	4.8331
#1	.00797	.00650	-.00118	-.00062	.01202	275.55	.00648	.00208
#2	.00911	.00741	-.00119	.00126	.01431	277.57	.00650	.00196
#3	.00699	.00327	-.00063	-.00154	.01030	277.25	.00670	.00215
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00305	265.31	.05195	-.00006	.00771	99.453	.01510	284.09
Stddev	.00013	.51	.00070	.00026	.00014	.446	.00011	1.54
%RSD	4.3502	.19392	1.3522	444.50	1.7868	.44809	.70888	.54227
#1	-.00308	264.82	.05227	-.00029	.00756	98.980	.01497	282.49
#2	-.00317	265.27	.05114	.00022	.00783	99.865	.01516	284.22
#3	-.00291	265.85	.05243	-.00011	.00775	99.514	.01516	285.56
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02087	-.00698	.01513	.00064	-.01398	.07084	.00009	.02711
Stddev	.00029	.00009	.00436	.00059	.00008	.01786	.00026	.01234
%RSD	1.3946	1.3557	28.814	92.633	.54869	25.208	283.98	45.521
#1	-.02064	-.00690	.01673	-.00001	-.01393	.05027	-.00010	.03493
#2	-.02077	-.00708	.01847	.00114	-.01407	.08235	-.00001	.01288
#3	-.02120	-.00695	.01020	.00079	-.01394	.07990	.00038	.03351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01278	-.00715	.00277	-.00502	.01351	.0173	.00104	4.8997
Stddev	.00453	.00261	.00034	.00187	.00109	.0003	.00070	.1589
%RSD	35.465	36.444	12.353	37.329	8.0795	1.622	66.895	3.2423
#1	.00928	-.01009	.00240	-.00344	.01226	.0170	.00155	5.0785
#2	.01117	-.00625	.00284	-.00709	.01406	.0172	.00025	4.8457
#3	.01790	-.00511	.00307	-.00453	.01422	.0176	.00132	4.7748

Sample Name: ICSA01 Acquired: 6/6/2019 12:45:53 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	120.46
Stddev	.69
%RSD	.57007

#1	120.96
#2	120.74
#3	119.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.5	41604.	4457.1	55.809	3293.8
Stddev	9.7	45.	10.2	1.398	7.6
%RSD	.30180	.10789	.22835	2.5056	.22977

#1	3209.5	41570.	4445.4	54.298	3290.0
#2	3193.3	41655.	4463.5	57.058	3302.5
#3	3210.6	41587.	4462.5	56.071	3288.9

Sample Name: ICSAB01 Acquired: 6/6/2019 12:50:32 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.11948	.11846	.05668	.05565	.68329	281.87	.58226	.58388
Stddev	.00406	.00068	.00165	.00137	.00248	.27	.00165	.00134
%RSD	3.3973	.57267	2.9100	2.4555	.36366	.09467	.28318	.22964
#1	.11707	.11876	.05505	.05544	.68070	281.97	.58353	.58245
#2	.11721	.11769	.05835	.05711	.68350	281.57	.58040	.58408
#3	.12417	.11895	.05663	.05440	.68566	282.08	.58286	.58511
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0588	268.60	.59517	.53717	.53959	99.921	.55626	289.14
Stddev	.0014	1.14	.00015	.00123	.00256	.264	.00111	1.19
%RSD	.13415	.42522	.02529	.22893	.47400	.26429	.19945	.40998
#1	1.0584	267.33	.59500	.53620	.53742	99.702	.55527	287.81
#2	1.0604	268.96	.59524	.53675	.53893	99.847	.55746	289.54
#3	1.0577	269.53	.59527	.53855	.54241	100.21	.55605	290.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0387	.21980	.02294	.53783	1.1408	.03259	1.1496	F 1.2264
Stddev	.0012	.00144	.01183	.00097	.0015	.00860	.0062	.0116
%RSD	.11406	.65710	51.560	.18080	.13296	26.399	.53656	.94334
#1	1.0374	.22080	.01458	.53732	1.1414	.03186	1.1470	1.2335
#2	1.0393	.22045	.03647	.53721	1.1419	.04154	1.1451	1.2131
#3	1.0395	.21814	.01776	.53895	1.1391	.02438	1.1566	1.2327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01022	.98912	1.1442	1.1305	F .01258	F .0184	F .00223	4.8459
Stddev	.00464	.00029	.0042	.0022	.00313	.0019	.00016	.2539
%RSD	45.430	.02946	.36272	.19063	24.854	10.07	7.2323	5.2394
#1	.01557	.98904	1.1437	1.1301	.01229	.0168	.00205	4.6403
#2	.00715	.98945	1.1403	1.1329	.01585	.0205	.00227	4.7676
#3	.00795	.98889	1.1486	1.1286	.00961	.0180	.00236	5.1297

Sample Name: ICSAB01 Acquired: 6/6/2019 12:50:32 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	122.84
Stddev	.55
%RSD	.44546

#1	123.34
#2	122.94
#3	122.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.5	41445.	4458.3	54.754	3286.0
Stddev	7.7	68.	6.2	1.079	7.3
%RSD	.24073	.16470	.13978	1.9708	.22232

#1	3191.0	41381.	4460.9	53.605	3279.7
#2	3202.2	41436.	4451.2	54.909	3284.4
#3	3187.4	41517.	4462.7	55.747	3294.0

Sample Name: CCV01 Acquired: 6/6/2019 12:54:56 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He 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	5.0382	5.0698	4.9977	5.0456	5.0427	9.7130	9.8911	.25312
Stddev	.0005	.0055	.0071	.0044	.0135	.0772	.0625	.00036
%RSD	.01067	.10819	.14276	.08801	.26757	.79517	.63208	.14235
#1	5.0381	5.0687	5.0038	5.0506	5.0442	9.7100	9.8495	.25317
#2	5.0378	5.0757	4.9995	5.0421	5.0285	9.6373	9.8607	.25345
#3	5.0388	5.0649	4.9898	5.0441	5.0553	9.7917	9.9630	.25273
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4727	24.776	.99751	2.4949	1.2531	4.9974	2.5231	24.699
Stddev	.0038	.126	.00051	.0038	.0011	.0043	.0021	.289
%RSD	.15244	.50905	.05109	.15086	.08927	.08661	.08296	1.1712
#1	2.4695	24.722	.99708	2.4908	1.2528	4.9956	2.5207	24.370
#2	2.4769	24.920	.99807	2.4958	1.2521	4.9943	2.5241	24.915
#3	2.4718	24.686	.99738	2.4982	1.2543	5.0023	2.5246	24.813
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4844	1.2361	24.503	2.4538	2.5066	24.664	5.0610	4.9429
Stddev	.0032	.0027	.120	.0019	.0020	.129	.0145	.0542
%RSD	.12913	.21449	.48971	.07578	.07990	.52349	.28639	1.0960
#1	2.4813	1.2338	24.401	2.4557	2.5050	24.548	5.0611	4.9808
#2	2.4877	1.2390	24.472	2.4520	2.5089	24.639	5.0465	4.8808
#3	2.4841	1.2355	24.635	2.4536	2.5060	24.803	5.0755	4.9670
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8872	4.8785	4.9956	4.9744	4.8253	5.059	4.9848	F 4.2001
Stddev	.0057	.0274	.0188	.0136	.0202	.006	.0170	.1292
%RSD	.11669	.56211	.37609	.27286	.41922	.1161	.34123	3.0772
#1	4.8893	4.8691	4.9961	4.9588	4.8106	5.057	4.9652	4.3021
#2	4.8915	4.9093	5.0141	4.9830	4.8169	5.066	4.9960	4.0547
#3	4.8807	4.8569	4.9766	4.9815	4.8484	5.055	4.9930	4.2434

Sample Name: CCV01 Acquired: 6/6/2019 12:54:56 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3386
Stddev	.1748
%RSD	5.2355

#1	3.5338
#2	3.1966
#3	3.2854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.0	45178.	4624.6	57.729	3646.0
Stddev	12.0	152.	38.3	.337	10.9
%RSD	.34869	.33597	.82747	.58373	.29947

#1	3420.0	45120.	4619.6	57.359	3636.3
#2	3443.5	45064.	4589.2	57.809	3643.9
#3	3435.4	45350.	4665.2	58.019	3657.8

Sample Name: LLCCV01 Acquired: 6/6/2019 12:58:56 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.02196	.04427	.01284	.01999	.05958	.10378	.10694
Stddev	.00053	.00043	.00041	.00339	.00136	.00387	.00032
%RSD	2.4000	.97253	3.1758	16.940	2.2864	3.7336	.30327

#1	.02170	.04387	.01245	.02261	.06076	.10734	.10731
#2	.02161	.04421	.01280	.01617	.05989	.10435	.10672
#3	.02256	.04472	.01327	.02120	.05809	.09965	.10678

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	.00618	2.1124	.01068	.03052	.02207	.11092
Stddev	.00006	.00003	.0250	.00029	.00015	.00055	.00050
%RSD	.83605	.47099	1.1842	2.7213	.49108	2.4940	.44713

#1	.00663	.00621	2.0870	.01072	.03069	.02173	.11096
#2	.00674	.00616	2.1370	.01095	.03046	.02177	.11140
#3	.00668	.00616	2.1132	.01037	.03040	.02270	.11041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02329	2.1251	.04250	.01083	2.0572	.04192	.04083
Stddev	.00008	.0197	.00071	.00034	.0135	.00065	.00011
%RSD	.35987	.92759	1.6808	3.1113	.65661	1.5556	.26791

#1	.02335	2.1249	.04206	.01098	2.0636	.04219	.04092
#2	.02319	2.1449	.04210	.01106	2.0417	.04118	.04086
#3	.02332	2.1055	.04332	.01044	2.0664	.04240	.04071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0340	.22274	.08919	.01638	.39806	.04198	.04272
Stddev	.0280	.00067	.01650	.00300	.00258	.00066	.00264
%RSD	1.3774	.29962	18.497	18.333	.64868	1.5614	6.1878

#1	2.0133	.22201	.09333	.01867	.39567	.04142	.04341
#2	2.0659	.22286	.10323	.01298	.40080	.04182	.03981
#3	2.0229	.22333	.07102	.01750	.39772	.04270	.04496

Sample Name: LLCCV01 Acquired: 6/6/2019 12:58:56 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01950	.0162	.02267	F 2.5793	F<.00000
Stddev	.00025	.0010	.00017	.2001	.49614
%RSD	1.3056	5.989	.74018	7.7600	33.907

#1	.01924	.0170	.02255	2.8079	-2.0351
#2	.01975	.0166	.02260	2.4942	-1.1477
#3	.01952	.0151	.02286	2.4357	-1.2069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.5	47029.	4654.1	60.642	4073.8
Stddev	7.9	124.	8.0	1.340	7.9
%RSD	.22085	.26403	.17236	2.2101	.19506

#1	3574.0	46886.	4658.9	61.636	4066.5
#2	3589.6	47111.	4644.8	59.118	4082.3
#3	3584.0	47090.	4658.5	61.173	4072.7

Sample Name: CCB01 Acquired: 6/6/2019 13:03:24 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00033	.00106	.00013	-.00019	.00320	-.00189	.00017
Stddev	.00119	.00027	.00042	.00133	.00032	.00518	.00009
%RSD	364.96	25.792	310.79	685.18	10.133	273.75	54.899

#1	.00167	.00075	-.00008	-.00095	.00352	.00296	.00019
#2	-.00058	.00113	-.00013	-.00098	.00287	-.00129	.00025
#3	-.00012	.00128	.00061	.00135	.00323	-.00734	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00004	.00197	-.00034	-.00017	-.00023	.00048
Stddev	.00003	.00004	.02282	.00016	.00005	.00037	.00037
%RSD	69.921	106.45	1160.4	47.687	29.618	160.31	77.087

#1	-.00005	-.00006	.02635	-.00035	-.00019	-.00016	.00083
#2	-.00001	.00001	-.00156	-.00050	-.00020	-.00062	.00052
#3	-.00006	-.00005	-.01889	-.00017	-.00011	.00010	.00009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.04589	-.00009	.00004	-.07710	.00010	-.00001
Stddev	.00006	.04928	.00018	.00013	.00468	.00025	.00012
%RSD	503.51	107.38	209.36	367.46	6.0718	249.02	894.91

#1	.00007	-.00558	-.00022	.00013	-.07275	-.00006	.00011
#2	-.00005	.05063	.00012	-.00011	-.07650	.00040	-.00014
#3	.00002	.09263	-.00016	.00009	-.08205	-.00003	-.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06657	-.00003	-.00627	-.00418	-.00032	-.00022	.00083
Stddev	.03520	.00037	.00784	.00315	.00095	.00048	.00116
%RSD	52.884	1204.6	125.00	75.411	299.80	220.74	139.74

#1	-.02822	.00005	.00034	-.00685	-.00004	-.00075	.00092
#2	-.09743	.00029	-.01494	-.00497	-.00137	.00019	.00193
#3	-.07405	-.00043	-.00422	-.00071	.00047	-.00009	-.00037

Sample Name: CCB01 Acquired: 6/6/2019 13:03:24 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00216	-0.0023	-0.00007	F 2.5499	F<.00000
Stddev	.00154	.0022	.00007	.1781	.80713
%RSD	71.253	97.53	97.221	6.9847	60.634

#1	-0.00040	.0002	.00001	2.3815	-1.9110
#2	-0.00323	-0.0030	-0.00012	2.5319	-1.6732
#3	-0.00284	-0.0041	-0.00009	2.7364	-0.40932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.0	47191.	4662.4	60.711	4089.6
Stddev	1.6	77.	14.9	1.542	4.4
%RSD	.04418	.16310	.31955	2.5403	.10694

#1	3576.2	47103.	4645.7	61.443	4091.7
#2	3578.8	47246.	4674.5	61.750	4092.5
#3	3576.0	47225.	4666.9	58.939	4084.6

Sample Name: LR CHECK 1 Acquired: 6/6/2019 13:13:38 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.06097	.00783	.15252	-.37920	.09288	1908.0	.01086	.06025
Stddev	.00740	.00266	.00831	.01726	.00524	38.3	.00060	.00018
%RSD	12.139	33.910	5.4480	4.5521	5.6403	2.0076	5.5350	.29059

#1	-.06071	.00487	.15741	-.39784	.08806	1865.0	.01152	.06044
#2	-.06850	.00863	.15722	-.37599	.09845	1920.4	.01071	.06011
#3	-.05371	.01001	.14293	-.36377	.09211	1938.5	.01034	.06019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09853	1839.0	-.04382	.08902	.05807	823.77	.01086	1816.1
Stddev	.00159	5.1	.00039	.00094	.00110	5.29	.00036	6.4
%RSD	1.6123	.27508	.87900	1.0580	1.8875	.64219	3.3460	.35380

#1	.10008	1844.8	-.04392	.08802	.05893	818.66	.01052	1809.2
#2	.09862	1836.3	-.04339	.08988	.05845	823.42	.01082	1817.2
#3	.09690	1835.8	-.04414	.08917	.05683	829.22	.01125	1821.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16576	-.24089	1750.0	.00483	.22496	1045.2	-.00390	-.81388
Stddev	.00174	.00070	37.5	.00127	.00199	4.3	.00181	.03130
%RSD	1.0474	.28982	2.1414	26.330	.88293	.41061	46.489	3.8461

#1	-.16416	-.24099	1792.5	.00429	.22643	1049.7	-.00202	-.77831
#2	-.16553	-.24015	1735.6	.00628	.22575	1044.9	-.00563	-.83722
#3	-.16761	-.24153	1721.8	.00391	.22270	1041.1	-.00404	-.82611

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42234	-.00094	.04471	-.06342	.12469	.1813	-.89085	.63163
Stddev	.01340	.00666	.00292	.00412	.00105	.0007	.00579	.02961
%RSD	3.1728	705.54	6.5227	6.4910	.84217	.4106	.64954	4.6873

#1	.40759	.00565	.04168	-.06815	.12389	.1820	-.88524	.63717
#2	.42568	-.00082	.04750	-.06059	.12588	.1805	-.89052	.65807
#3	.43376	-.00767	.04493	-.06153	.12430	.1812	-.89680	.59964

Sample Name: LR CHECK 1 Acquired: 6/6/2019 13:13:38 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2064.2
Stddev	16.1
%RSD	.77837

#1	2081.9
#2	2050.5
#3	2060.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.1	31380.	3899.5	43.985	2062.4
Stddev	10.6	121.	12.2	.518	5.9
%RSD	.44265	.38476	.31375	1.1770	.28607

#1	2380.1	31505.	3893.9	43.409	2057.5
#2	2400.7	31370.	3891.1	44.135	2069.0
#3	2386.5	31264.	3913.5	44.412	2060.7

Sample Name: LR CHECK 2 Acquired: 6/6/2019 13:18:36 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.03251	-.02250	254.92	.03383	-.05330	-.14347	96.434	-.00085
Stddev	.00119	.00116	.58	.00662	.00101	.01690	1.414	.00006
%RSD	3.6522	5.1735	.22947	19.555	1.8902	11.781	1.4662	6.5098

#1	.03164	-.02262	255.58	.03400	-.05444	-.12460	94.932	-.00082
#2	.03386	-.02359	254.71	.02713	-.05252	-.15720	96.630	-.00091
#3	.03203	-.02127	254.47	.04036	-.05293	-.14862	97.739	-.00081

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01085	.15351	-.12526	-.01668	242.97	-.71487	43.691	-.05133
Stddev	.00010	.01660	.00050	.00041	1.77	.00443	.153	.03215
%RSD	.88760	10.815	.39894	2.4314	.72825	.61907	.34938	62.635

#1	-.01081	.16144	-.12583	-.01701	242.08	-.71061	43.556	-.01637
#2	-.01096	.16466	-.12495	-.01623	241.83	-.71457	43.856	-.05800
#3	-.01078	.13443	-.12498	-.01680	245.01	-.71944	43.660	-.07961

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.075	.01332	.64071	-.25496	35.812	.67789	.00187	-.01718
Stddev	.013	.00026	.03925	.00169	.036	.02896	.00064	.00849
%RSD	.02474	1.9298	6.1259	.66473	.09935	4.2725	34.191	49.428

#1	51.087	.01359	.68294	-.25480	35.824	.69544	.00259	-.02064
#2	51.062	.01329	.63384	-.25335	35.772	.69377	.00139	-.02340
#3	51.077	.01308	.60535	-.25673	35.840	.64446	.00161	-.00751

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06788	.02919	.00187	.02755	-.00668	-.0238	.00734	4.4209
Stddev	.00093	.00054	.00074	.00071	.00126	.0043	.00013	.1975
%RSD	1.3771	1.8332	39.746	2.5782	18.802	18.16	1.8250	4.4667

#1	.06686	.02928	.00215	.02739	-.00633	-.0283	.00722	4.4969
#2	.06810	.02861	.00242	.02833	-.00808	-.0197	.00731	4.5690
#3	.06869	.02967	.00102	.02694	-.00565	-.0235	.00748	4.1967

Sample Name: LR CHECK 2 Acquired: 6/6/2019 13:18:36 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.4320
 %RSD 224.93

#1 .41898
 #2 -.06227
 #3 -2.2666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.2	47208.	4686.8	58.826	3678.8
Stddev	8.5	72.	41.7	1.805	2.9
%RSD	.34029	.15283	.88922	3.0678	.07871

#1	2496.8	47258.	4703.5	58.805	3678.7
#2	2490.7	47125.	4639.4	60.641	3681.7
#3	2480.1	47241.	4717.6	57.032	3675.9

Sample Name: PB120382BS Acquired: 6/6/2019 13:26:38 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78596	2.0609	1.0167	2.0267	.82651	1.9327	.20041
Stddev	.00139	.0027	.0009	.0087	.00445	.0294	.00076
%RSD	.17711	.12999	.09133	.42789	.53879	1.5196	.37774
#1	.78588	2.0601	1.0156	2.0338	.82573	1.9239	.19954
#2	.78740	2.0587	1.0170	2.0170	.82250	1.9087	.20091
#3	.78461	2.0639	1.0174	2.0292	.83130	1.9654	.20078
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20602	.19644	1.0608	.41520	.20373	.32535	3.1736
Stddev	.00041	.00015	.0206	.00143	.00039	.00079	.0079
%RSD	.20008	.07701	1.9432	.34449	.19234	.24141	.24834
#1	.20555	.19662	1.0497	.41372	.20329	.32538	3.1646
#2	.20632	.19635	1.0481	.41657	.20403	.32455	3.1792
#3	.20618	.19636	1.0846	.41531	.20388	.32612	3.1771
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21288	1.9834	.50683	.07326	3.1151	.30289	.20278
Stddev	.00055	.0389	.00064	.00022	.0215	.00103	.00007
%RSD	.26009	1.9615	.12650	.29383	.68945	.33970	.03271
#1	.21227	2.0029	.50639	.07303	3.0958	.30188	.20274
#2	.21336	2.0087	.50757	.07332	3.1111	.30394	.20274
#3	.21302	1.9386	.50654	.07345	3.1382	.30286	.20286
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.119	.42296	.28084	F -.00332	.90509	.71227	.20698
Stddev	.082	.00124	.00826	.00284	.01117	.00217	.00254
%RSD	.80796	.29368	2.9400	85.349	1.2337	.30411	1.2284
#1	10.044	.42343	.29034	-.00549	.90786	.70977	.20832
#2	10.107	.42156	.27537	-.00436	.91461	.71340	.20858
#3	10.207	.42390	.27681	-.00011	.89280	.71363	.20405

Sample Name: PB120382BS Acquired: 6/6/2019 13:26:38 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20083	F 5.783	F .20847	3.5546	6.4845
Stddev	.00067	.003	.00090	.0708	.8065
%RSD	.33199	.0510	.43119	1.9922	12.437
#1	.20017	5.782	.20753	3.4728	7.4057
#2	.20150	5.781	.20932	3.5967	6.1421
#3	.20081	5.787	.20855	3.5942	5.9057
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.2	46027.	4556.0	59.067	3924.9
Stddev	17.7	63.	17.3	1.484	13.4
%RSD	.50755	.13586	.37911	2.5126	.34137
#1	3463.1	45973.	4546.9	57.405	3911.8
#2	3496.1	46095.	4545.2	60.259	3924.2
#3	3490.6	46012.	4575.9	59.536	3938.6

Sample Name: PB120370BS Acquired: 6/6/2019 13:30:45 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.79580	2.0784	1.0281	2.0015	.83518	1.9810	.20578	.20279
Stddev	.00236	.0082	.0021	.0080	.00264	.0085	.00134	.00023
%RSD	.29702	.39477	.19944	.39769	.31623	.42917	.65358	.11121
#1	.79316	2.0827	1.0259	2.0104	.83295	1.9764	.20566	.20302
#2	.79772	2.0836	1.0286	1.9952	.83810	1.9908	.20718	.20279
#3	.79652	2.0690	1.0299	1.9988	.83450	1.9756	.20450	.20257
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19780	1.0971	.42953	.20964	.33065	3.2478	.21828	2.0710
Stddev	.00014	.0055	.00065	.00061	.00102	.0095	.00010	.0037
%RSD	.07246	.49792	.15167	.29151	.30988	.29354	.04793	.18111
#1	.19769	1.0978	.43005	.21026	.33178	3.2571	.21818	2.0702
#2	.19797	1.0913	.42975	.20963	.32978	3.2381	.21839	2.0677
#3	.19775	1.1022	.42880	.20903	.33038	3.2482	.21829	2.0751
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51832	.07338	3.1121	.31472	.20269	10.173	.43552	.28576
Stddev	.00043	.00031	.0333	.00130	.00045	.123	.00086	.02422
%RSD	.08244	.42117	1.0717	.41429	.22384	1.2089	.19707	8.4739
#1	.51795	.07334	3.0831	.31478	.20296	10.109	.43598	.27735
#2	.51879	.07309	3.1485	.31339	.20293	10.315	.43453	.31306
#3	.51823	.07370	3.1046	.31599	.20216	10.095	.43606	.26687
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .37999	.91296	.71176	.21316	.20600	5.789	.21707	F 3.3133
Stddev	.01284	.01323	.00342	.00214	.00171	.006	.00095	.1684
%RSD	3.3795	1.4494	.48113	1.0018	.83062	.1126	.43871	5.0816
#1	.36735	.91291	.71141	.21147	.20713	5.785	.21601	3.2594
#2	.37962	.89975	.71535	.21244	.20683	5.797	.21734	3.5020
#3	.39302	.92622	.70853	.21556	.20403	5.786	.21786	3.1785

Sample Name: PB120370BS Acquired: 6/6/2019 13:30:45 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 8.4463
Stddev	1.4932
%RSD	17.679

#1	7.2431
#2	7.9783
#3	10.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.7	46368.	4528.2	58.320	3939.0
Stddev	7.6	297.	23.7	1.958	12.3
%RSD	.21745	.64089	.52251	3.3567	.31337

#1	3471.2	46101.	4502.6	57.916	3931.1
#2	3482.2	46314.	4549.2	60.448	3932.8
#3	3485.8	46688.	4532.8	56.595	3953.2

Sample Name: PB120388BS Acquired: 6/6/2019 13:34:51 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81970	2.1740	1.0622	2.1093	.86095	2.0203	.20792
Stddev	.00306	.0065	.0002	.0008	.00056	.0090	.00076
%RSD	.37369	.29665	.01809	.03895	.06542	.44602	.36676

#1	.81761	2.1763	1.0621	2.1100	.86083	2.0257	.20868
#2	.81826	2.1668	1.0622	2.1095	.86046	2.0099	.20716
#3	.82321	2.1791	1.0625	2.1084	.86156	2.0254	.20791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21599	.20643	1.1056	.43563	.21364	.34038	3.3211
Stddev	.00062	.00031	.0207	.00132	.00027	.00140	.0117
%RSD	.28879	.15017	1.8679	.30389	.12481	.41162	.35340

#1	.21571	.20669	1.0818	.43485	.21394	.34021	3.3149
#2	.21555	.20609	1.1166	.43489	.21349	.33907	3.3137
#3	.21670	.20652	1.1184	.43716	.21347	.34186	3.3346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22183	2.1180	.53294	.07695	3.1323	.31628	.21073
Stddev	.00097	.0291	.00068	.00041	.0092	.00095	.00064
%RSD	.43593	1.3737	.12716	.53926	.29479	.29970	.30396

#1	.22140	2.1235	.53312	.07736	3.1335	.31520	.21121
#2	.22116	2.1439	.53351	.07653	3.1225	.31698	.21001
#3	.22294	2.0865	.53219	.07696	3.1409	.31666	.21099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.442	.44108	.29906	F -.00619	.95345	.74125	.21660
Stddev	.065	.00133	.00484	.00064	.00458	.00134	.00119
%RSD	.61798	.30140	1.6178	10.341	.48045	.18136	.54983

#1	10.507	.44012	.29724	-.00692	.94821	.74245	.21758
#2	10.378	.44051	.30455	-.00595	.95669	.73980	.21527
#3	10.441	.44260	.29540	-.00572	.95545	.74151	.21694

Sample Name: PB120388BS Acquired: 6/6/2019 13:34:51 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20781	6.072	.21806	F 3.5267	F 7.9782
Stddev	.00254	.023	.00141	.1629	.1393
%RSD	1.2239	.3739	.64439	4.6202	1.7463
#1	.20555	6.098	.21645	3.3866	7.9155
#2	.20730	6.061	.21900	3.4879	8.1379
#3	.21056	6.057	.21874	3.7055	7.8812
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.0	46100.	4547.3	58.493	3930.3
Stddev	6.9	2.	27.3	1.347	3.5
%RSD	.19618	.00350	.60041	2.3035	.08892
#1	3507.2	46099.	4574.4	60.036	3927.8
#2	3499.4	46101.	4519.8	57.550	3934.3
#3	3493.5	46098.	4547.8	57.893	3928.8

Sample Name: PB120387BS Acquired: 6/6/2019 13:38:56 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83703	2.2100	1.0757	2.1544	.87726	2.0617	.21205
Stddev	.00397	.0026	.0015	.0129	.00755	.0232	.00053
%RSD	.47489	.11949	.14158	.59990	.86109	1.1258	.25029

#1	.83684	2.2128	1.0772	2.1595	.88136	2.0357	.21168
#2	.83315	2.2097	1.0757	2.1396	.86854	2.0690	.21266
#3	.84110	2.2075	1.0742	2.1639	.88188	2.0804	.21182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21919	.20951	1.1321	.44162	.21719	.34693	3.3655
Stddev	.00042	.00041	.0045	.00052	.00002	.00082	.0034
%RSD	.19343	.19662	.39507	.11676	.00931	.23680	.09988

#1	.21963	.20981	1.1364	.44199	.21721	.34774	3.3692
#2	.21878	.20968	1.1275	.44185	.21718	.34610	3.3626
#3	.21916	.20904	1.1323	.44103	.21717	.34696	3.3647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22445	2.1007	.53953	.07810	3.1536	.32114	.21613
Stddev	.00027	.0586	.00024	.00044	.0180	.00119	.00018
%RSD	.11824	2.7907	.04413	.56365	.57189	.36965	.08358

#1	.22452	2.1260	.53980	.07794	3.1338	.32196	.21595
#2	.22415	2.1424	.53939	.07776	3.1578	.31978	.21614
#3	.22466	2.0337	.53940	.07860	3.1692	.32167	.21631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.596	.45046	.30996	F -.00971	.97255	.75632	.22061
Stddev	.057	.00057	.00480	.00314	.00427	.00170	.00334
%RSD	.53338	.12616	1.5472	32.361	.43895	.22507	1.5143

#1	10.534	.45088	.30496	-.00752	.97609	.75690	.21686
#2	10.643	.44981	.31039	-.00830	.97375	.75441	.22169
#3	10.613	.45068	.31453	-.01331	.96781	.75766	.22328

Sample Name: PB120387BS Acquired: 6/6/2019 13:38:56 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21134	6.156	.22184	F 3.3412	F 8.5272
Stddev	.00130	.017	.00046	.0907	1.8745
%RSD	.61705	.2728	.20627	2.7142	21.983
#1	.21130	6.174	.22237	3.2382	10.566
#2	.21266	6.154	.22157	3.3765	6.8784
#3	.21005	6.141	.22159	3.4090	8.1372
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.2	46129.	4548.9	59.673	3925.7
Stddev	1.0	223.	37.6	1.226	10.8
%RSD	.02873	.48373	.82599	2.0547	.27611
#1	3489.6	45875.	4507.8	59.107	3926.7
#2	3488.0	46217.	4557.5	58.832	3914.4
#3	3489.9	46294.	4581.4	61.080	3936.0

Sample Name: PB120382BL Acquired: 6/6/2019 13:43:02 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.00097	.00247	.00276	.00209	-.00410	-.00005
Stddev	.00177	.00075	.00037	.00158	.00117	.00936	.00043
%RSD	99.566	77.745	14.945	57.467	56.058	228.26	793.94

#1	.00218	.00182	.00206	.00458	.00124	-.01479	.00010
#2	.00332	.00069	.00278	.00199	.00343	.00262	.00028
#3	-.00016	.00039	.00256	.00170	.00160	-.00013	-.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00010	-.01097	.00011	.00001	.00009	-.00013
Stddev	.00002	.00002	.00552	.00035	.00015	.00005	.00016
%RSD	62.816	16.464	50.340	322.84	1777.1	60.565	123.76

#1	.00003	-.00011	-.00802	.00025	.00017	.00014	-.00011
#2	.00005	-.00008	-.00755	.00037	-.00000	.00003	.00002
#3	.00001	-.00010	-.01735	-.00029	-.00014	.00009	-.00030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.02863	.00043	.00037	-.02245	.00012	-.00001
Stddev	.00006	.05495	.00046	.00026	.01456	.00012	.00006
%RSD	413.93	191.89	107.90	69.684	64.832	101.44	623.16

#1	.00003	-.02602	.00053	.00064	-.03701	-.00002	.00006
#2	-.00008	.08387	.00083	.00034	-.00790	.00018	-.00005
#3	.00001	.02805	-.00008	.00013	-.02245	.00018	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04163	.00019	-.01589	-.00304	.00249	-.00168	-.00080
Stddev	.03379	.00006	.01464	.00343	.00137	.00070	.00132
%RSD	81.172	32.589	92.093	112.83	55.087	41.442	165.05

#1	.08048	.00027	-.03176	-.00447	.00153	-.00186	-.00089
#2	.02533	.00017	-.00292	-.00553	.00406	-.00227	-.00208
#3	.01908	.00015	-.01300	.00087	.00188	-.00091	.00056

Sample Name: PB120382BL Acquired: 6/6/2019 13:43:02 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	-.0050	-.00012	F 2.8707	F<.00000
Stddev	.00188	.0015	.00007	.2692	.76857
%RSD	47.034	29.06	54.331	9.3791	58.516
#1	-.00321	-.0062	-.00020	2.6245	-.43197
#2	-.00263	-.0055	-.00009	2.8295	-1.8434
#3	-.00613	-.0034	-.00007	3.1582	-1.6650
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.1	46649.	4573.4	59.656	4023.7
Stddev	3.0	133.	20.4	1.587	11.2
%RSD	.08670	.28429	.44550	2.6606	.27872
#1	3503.0	46586.	4550.9	58.025	4017.8
#2	3509.0	46560.	4578.6	61.195	4016.8
#3	3506.4	46802.	4590.6	59.748	4036.7

Sample Name: PB120370BL Acquired: 6/6/2019 13:47:29 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00055	.00197	-.00040	.00160	-.00924	-.00011
Stddev	.00142	.00016	.00118	.00207	.00252	.01562	.00049
%RSD	1034.8	29.665	60.024	516.64	157.94	169.01	460.55

#1	-.00146	.00066	.00194	.00021	.00416	-.02257	.00004
#2	.00061	.00062	.00317	-.00271	.00151	-.01309	-.00065
#3	.00127	.00036	.00081	.00130	-.00088	.00794	.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00003	-.00618	-.00006	-.00005	-.00031	.00066
Stddev	.00009	.00004	.01149	.00008	.00007	.00017	.00092
%RSD	163.50	152.17	185.95	129.98	133.30	53.705	138.28

#1	.00015	.00002	-.01561	-.00013	.00002	-.00048	.00083
#2	.00004	-.00005	-.00954	-.00007	-.00005	-.00029	-.00033
#3	-.00003	-.00005	.00662	.00002	-.00013	-.00015	.00148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01836	.00051	-.00011	-.02129	-.00031	-.00018
Stddev	.00007	.02203	.00034	.00023	.00865	.00032	.00004
%RSD	115.57	120.00	66.060	210.07	40.628	101.55	25.104

#1	-.00002	.03653	.00045	-.00036	-.03004	.00001	-.00013
#2	.00010	-.00614	.00021	.00011	-.02109	-.00062	-.00018
#3	.00011	.02468	.00087	-.00008	-.01274	-.00032	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03671	-.00039	-.00818	-.00203	.00025	-.00050	-.00109
Stddev	.03394	.00014	.00908	.00362	.00251	.00098	.00252
%RSD	92.467	35.242	111.02	178.42	994.89	195.57	230.66

#1	-.00231	-.00031	.00203	.00044	-.00156	.00030	.00024
#2	.05302	-.00031	-.01122	-.00618	.00312	-.00159	.00048
#3	.05942	-.00055	-.01536	-.00034	-.00079	-.00021	-.00400

Sample Name: PB120370BL Acquired: 6/6/2019 13:47:29 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00419	-0.0053	-0.00008	F 3.1813	F<.00000
Stddev	.00137	.0010	.00005	.1440	.33376
%RSD	32.593	18.90	57.465	4.5263	24.719

#1	-0.00385	-0.0056	-0.00013	3.3221	-1.2084
#2	-0.00303	-0.0041	-0.00004	3.1875	-1.7314
#3	-0.00570	-0.0061	-0.00008	3.0343	-1.1107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.7	46472.	4564.2	58.674	4031.3
Stddev	10.5	107.	47.2	1.048	8.2
%RSD	.29770	.23054	1.0336	1.7862	.20399

#1	3508.7	46509.	4518.7	57.943	4021.9
#2	3510.6	46351.	4612.9	59.875	4035.0
#3	3527.7	46555.	4561.1	58.205	4037.0

Sample Name: PB120387BL Acquired: 6/6/2019 13:51:57 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00045	.00118	-.00128	.00238	-.00276	-.00026
Stddev	.00363	.00072	.00031	.00168	.00102	.00573	.00022
%RSD	149.74	160.73	26.322	131.32	42.840	207.53	84.003

#1	-.00176	-.00032	.00123	-.00051	.00120	-.00404	-.00051
#2	.00435	.00055	.00084	-.00320	.00297	.00350	-.00015
#3	.00468	.00111	.00146	-.00012	.00297	-.00775	-.00011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00001	-.00816	-.00041	-.00026	-.00020	.00078
Stddev	.00004	.00006	.00623	.00010	.00014	.00032	.00017
%RSD	55.106	655.50	76.370	25.653	52.713	158.11	22.241

#1	.00012	.00001	-.00336	-.00042	-.00010	-.00013	.00098
#2	.00003	-.00005	-.01520	-.00050	-.00035	-.00055	.00073
#3	.00009	.00006	-.00592	-.00030	-.00033	.00008	.00064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.03311	.00017	.00017	-.04021	.00024	.00028
Stddev	.00007	.03748	.00055	.00018	.00128	.00051	.00053
%RSD	287.02	113.20	319.51	107.32	3.1710	211.82	193.25

#1	-.00009	.06786	-.00036	.00032	-.03874	.00006	-.00015
#2	.00005	.03808	.00014	-.00004	-.04092	.00082	.00087
#3	-.00003	-.00661	.00074	.00024	-.04097	-.00016	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00526	.00011	-.01873	-.00445	-.00031	-.00118	.00190
Stddev	.04105	.00022	.00454	.00135	.00072	.00038	.00107
%RSD	780.15	201.30	24.228	30.468	233.94	32.486	56.480

#1	-.04720	.00032	-.01350	-.00332	.00036	-.00077	.00132
#2	.03482	-.00012	-.02149	-.00595	-.00021	-.00124	.00313
#3	-.00340	.00013	-.02122	-.00407	-.00108	-.00153	.00124

Sample Name: PB120387BL Acquired: 6/6/2019 13:51:57 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	-.0043	-.00006	F 3.5039	F<.00000
Stddev	.00094	.0009	.00012	.1562	.49051
%RSD	23.474	19.87	195.19	4.4574	30.024
#1	-.00294	-.0050	-.00000	3.3283	-1.1495
#2	-.00443	-.0034	-.00020	3.6272	-2.1303
#3	-.00470	-.0046	.00002	3.5561	-1.6214
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.5	46822.	4580.7	60.162	4023.0
Stddev	10.7	237.	51.9	.939	8.8
%RSD	.30532	.50534	1.1325	1.5607	.21930
#1	3507.3	46767.	4526.3	61.130	4016.4
#2	3528.7	46618.	4586.2	59.255	4019.5
#3	3519.5	47082.	4629.6	60.102	4033.0

Sample Name: PB120387TB Acquired: 6/6/2019 13:56:26 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00060	-.00169	.00291	.00087	.00374	.01323	-.00029	-.00012
Stddev	.00097	.00062	.00086	.00215	.00111	.00702	.00023	.00002
%RSD	161.23	36.927	29.688	248.07	29.831	53.040	77.301	13.098
#1	.00171	-.00100	.00226	.00185	.00482	.01933	-.00029	-.00014
#2	-.00013	-.00221	.00389	-.00160	.00259	.01480	-.00007	-.00012
#3	.00023	-.00186	.00257	.00236	.00380	.00556	-.00052	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00272	.00034	-.00021	-.00008	.00242	.00005	-.03044
Stddev	.00006	.00953	.00042	.00029	.00022	.00054	.00000	.03895
%RSD	155.07	350.17	121.64	134.49	288.56	22.403	10.013	127.97
#1	-.00008	.01291	-.00013	.00009	-.00033	.00217	.00006	-.07284
#2	-.00008	.00124	.00067	-.00048	-.00001	.00205	.00005	-.02221
#3	.00003	-.00599	.00049	-.00025	.00011	.00304	.00005	.00374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.00136	F 266.25	.00019	.00084	.15785	.00045	-.01641
Stddev	.00021	.00055	1.48	.00019	.00010	.02856	.00022	.01646
%RSD	14.807	40.251	.55699	98.896	11.461	18.093	48.664	100.31
#1	.00146	.00083	264.56	.00030	.00095	.14929	.00020	-.02368
#2	.00156	.00192	267.32	.00030	.00078	.18970	.00061	.00243
#3	.00116	.00131	266.88	-.00003	.00079	.13454	.00055	-.02798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.00742	.00081	.00139	-.00291	-.0032	-.00011	5.2127
Stddev	.00254	.00115	.00049	.00213	.00159	.0024	.00011	.0277
%RSD	123.63	15.539	60.749	153.23	54.527	73.77	102.96	.53082
#1	-.00026	.00826	.00026	.00194	-.00295	-.0042	-.00001	5.1823
#2	.00165	.00610	.00120	.00320	-.00448	-.0050	-.00023	5.2365
#3	.00477	.00789	.00095	-.00096	-.00131	-.0005	-.00008	5.2193

Sample Name: PB120387TB Acquired: 6/6/2019 13:56:26 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.27677
%RSD	3.3814

#1	-8.1164
#2	-7.9491
#3	-8.4897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.0	43191.	4546.6	58.188	3555.9
Stddev	14.0	76.	16.2	.487	6.6
%RSD	.42669	.17680	.35660	.83740	.18666

#1	3281.8	43103.	4561.7	58.407	3549.7
#2	3274.5	43230.	4529.4	57.630	3562.9
#3	3301.6	43240.	4548.6	58.527	3555.3

Sample Name: CCV02 Acquired: 6/6/2019 14:02:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2145	5.2780	5.1760	5.2059	5.3227	9.9892	10.252	.26534	2.5360
Stddev	.0053	.0209	.0024	.0069	.0070	.0519	.056	.00026	.0038
%RSD	.10135	.39586	.04660	.13358	.13088	.51947	.54563	.09649	.14838

#1	5.2140	5.2664	5.1753	5.2122	5.3153	9.9333	10.195	.26509	2.5355
#2	5.2201	5.2655	5.1740	5.1984	5.3291	9.9985	10.307	.26531	2.5325
#3	5.2096	5.3021	5.1787	5.2070	5.3238	10.036	10.253	.26560	2.5400

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.336	1.0265	2.5965	1.2966	5.1582	2.6135	25.517	2.5658	1.2790
Stddev	.110	.0009	.0034	.0016	.0050	.0045	.107	.0033	.0031
%RSD	.43532	.08948	.13046	.12058	.09646	.17281	.42040	.12974	.24392

#1	25.226	1.0276	2.5949	1.2966	5.1552	2.6121	25.425	2.5643	1.2757
#2	25.447	1.0259	2.5942	1.2982	5.1555	2.6185	25.635	2.5635	1.2819
#3	25.335	1.0260	2.6004	1.2951	5.1639	2.6098	25.492	2.5696	1.2793

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	24.961	2.4968	2.6168	25.577	5.2747	5.0066	5.1587	4.9331	5.1766
Stddev	.088	.0028	.0029	.153	.0014	.0436	.0131	.0118	.0050
%RSD	.35227	.11268	.11178	.59863	.02600	.87122	.25454	.23978	.09755

#1	24.887	2.4951	2.6156	25.446	5.2733	4.9569	5.1544	4.9433	5.1805
#2	25.058	2.5001	2.6147	25.746	5.2747	5.0383	5.1734	4.9201	5.1709
#3	24.938	2.4953	2.6202	25.540	5.2760	5.0246	5.1482	4.9359	5.1785

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.1406	4.9044	5.337	5.2971	5.0640	5.2382			
Stddev	.0070	.0156	.002	.0133	.0353	.1913			
%RSD	.13668	.31878	.0304	.25162	.69747	3.6522			

#1	5.1333	4.9170	5.336	5.2817	5.0302	5.3090			
#2	5.1413	4.8869	5.337	5.3050	5.0613	5.3840			
#3	5.1473	4.9093	5.339	5.3046	5.1007	5.0216			

Sample Name: CCV02 Acquired: 6/6/2019 14:02:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	3330.6	44214.	4533.7	56.303	3556.8
Stddev	4.9	157.	20.5	.984	4.8
%RSD	.14609	.35597	.45184	1.7482	.13540
#1	3326.9	44121.	4510.3	57.438	3552.8
#2	3328.7	44126.	4542.5	55.799	3562.2
#3	3336.1	44396.	4548.4	55.674	3555.5

Sample Name: CCB02 Acquired: 6/6/2019 14:06:47 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00262	.00116	-.00126	.00090	-.00168	.00019
Stddev	.00019	.00128	.00039	.00262	.00082	.01205	.00023
%RSD	7.4605	48.953	33.729	208.52	91.326	716.51	122.05

#1	.00251	.00375	.00126	-.00082	.00072	-.01385	.00043
#2	.00283	.00289	.00073	.00112	.00179	.01025	-.00002
#3	.00248	.00122	.00149	-.00406	.00018	-.00144	.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.01024	-.00001	-.00008	-.00067	.00077
Stddev	.00002	.00003	.01993	.00006	.00034	.00026	.00052
%RSD	37.804	45.060	194.59	659.09	437.66	38.797	68.427

#1	.00005	.00009	-.00886	-.00008	-.00041	-.00052	.00020
#2	.00009	.00003	.03091	.00004	-.00009	-.00098	.00088
#3	.00005	.00008	.00868	.00002	.00027	-.00053	.00123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.05123	.00028	.00022	-.02655	.00038	.00049
Stddev	.00004	.04095	.00040	.00022	.00900	.00077	.00006
%RSD	88.211	79.931	140.31	103.24	33.905	201.75	12.912

#1	-.00000	-.00620	-.00010	.00009	-.02800	.00108	.00045
#2	.00008	-.08624	.00069	.00009	-.03474	-.00044	.00056
#3	.00007	-.06125	.00026	.00048	-.01691	.00051	.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	.00013	-.00094	-.00240	.00009	.00006	.00093
Stddev	.00818	.00033	.00387	.00082	.00217	.00021	.00208
%RSD	202.88	245.05	414.03	34.151	2439.1	379.34	223.99

#1	-.00851	.00037	-.00088	-.00150	.00166	-.00013	.00160
#2	-.00899	-.00024	.00291	-.00311	.00100	.00029	-.00141
#3	.00541	.00027	-.00483	-.00260	-.00239	.00001	.00260

Sample Name: CCB02 Acquired: 6/6/2019 14:06:47 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00152	-0.0045	-0.00002	F 3.6304	F<.00000
Stddev	.00237	.0013	.00007	.1028	.87006
%RSD	155.74	28.28	431.28	2.8322	62.038

#1	.00111	-.0032	-.00006	3.5963	-2.3842
#2	-.00346	-.0045	-.00005	3.7460	-1.0962
#3	-.00221	-.0057	.00006	3.5490	-.72692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.7	46541.	4624.7	59.908	4014.4
Stddev	10.5	55.	26.1	1.273	2.8
%RSD	.29932	.11880	.56379	2.1255	.07056

#1	3491.5	46479.	4647.9	59.707	4012.7
#2	3501.2	46584.	4629.8	61.270	4012.9
#3	3512.4	46561.	4596.5	58.748	4017.7

Sample Name: PB120388BL Acquired: 6/6/2019 14:11:16 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00071	.00109	.00097	.00300	-.00824	.00026
Stddev	.00091	.00049	.00094	.00208	.00034	.00728	.00023
%RSD	96.426	69.676	86.365	215.70	11.496	88.399	87.455

#1	.00102	.00029	.00218	.00322	.00339	-.00856	.00046
#2	.00181	.00125	.00047	.00055	.00274	-.00080	.00001
#3	-.00000	.00058	.00063	-.00088	.00286	-.01535	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	.00517	-.00018	-.00020	-.00039	.00097
Stddev	.00003	.00003	.01534	.00028	.00034	.00060	.00030
%RSD	89.816	44.440	296.54	155.44	170.85	153.85	30.947

#1	.00002	.00003	.01762	.00004	-.00033	.00003	.00071
#2	.00007	.00007	.00987	-.00009	-.00045	-.00013	.00091
#3	.00001	.00007	-.01197	-.00049	.00019	-.00108	.00130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03185	.00023	.00022	-.05348	.00038	-.00032
Stddev	.00002	.06451	.00009	.00011	.00165	.00028	.00003
%RSD	59.966	202.53	37.223	48.819	3.0927	74.110	10.536

#1	-.00002	-.02968	.00033	.00012	-.05477	.00030	-.00035
#2	-.00005	.09898	.00019	.00022	-.05406	.00070	-.00032
#3	-.00002	.02626	.00017	.00034	-.05161	.00015	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03037	-.00021	-.00570	-.00402	.00070	-.00043	.00001
Stddev	.03065	.00003	.02945	.00167	.00307	.00037	.00243
%RSD	100.94	16.000	517.16	41.565	440.22	84.673	24967.

#1	-.00751	-.00024	-.02370	-.00371	.00142	-.00010	.00228
#2	-.06520	-.00022	.02830	-.00253	.00335	-.00082	.00030
#3	-.01840	-.00017	-.02168	-.00583	-.00267	-.00038	-.00256

Sample Name: PB120388BL Acquired: 6/6/2019 14:11:16 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00368	-.0058	-.00013	F 3.1495	F<.00000
Stddev	.00096	.0021	.00003	.0386	.75129
%RSD	26.191	36.70	19.548	1.2249	94.788
#1	-.00270	-.0034	-.00010	3.1073	-1.6440
#2	-.00463	-.0074	-.00014	3.1585	-.22260
#3	-.00370	-.0065	-.00015	3.1829	-.51124
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.2	46695.	4588.8	58.965	4023.5
Stddev	2.5	77.	6.4	1.284	2.5
%RSD	.07129	.16396	.13853	2.1783	.06271
#1	3509.1	46644.	4582.0	59.407	4021.1
#2	3506.7	46783.	4590.0	59.970	4023.3
#3	3511.7	46657.	4594.5	57.518	4026.1

Sample Name: PB120388TB Acquired: 6/6/2019 14:15:45 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00015	-.00327	.00222	-.00008	.00232	.00184	-.00036	-.00008
Stddev	.00065	.00077	.00057	.00054	.00194	.01446	.00068	.00006
%RSD	432.07	23.594	25.584	682.38	83.557	786.80	186.98	79.947

#1	-.00067	-.00245	.00283	.00046	.00036	.01049	.00036	-.00014
#2	.00058	-.00398	.00170	-.00062	.00236	-.01485	-.00046	-.00007
#3	-.00036	-.00337	.00215	-.00007	.00424	.00988	-.00099	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00987	.00044	.00003	-.00068	.00662	.00332	-.00860
Stddev	.00007	.01519	.00020	.00016	.00019	.00084	.00010	.03190
%RSD	138.94	153.91	46.162	602.47	27.655	12.660	3.0744	370.91

#1	-.00009	-.00729	.00065	-.00014	-.00086	.00689	.00341	.02717
#2	-.00010	.01529	.00043	.00017	-.00068	.00568	.00333	-.01886
#3	.00003	.02161	.00024	.00005	-.00049	.00728	.00321	-.03410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00202	F 334.59	.00025	.00298	.15260	-.00005	-.02351
Stddev	.00040	.00033	1.39	.00050	.00005	.07704	.00018	.00266
%RSD	26.597	16.527	.41656	202.01	1.5555	50.484	369.86	11.301

#1	.00117	.00193	334.40	.00080	.00300	.07708	.00012	-.02238
#2	.00141	.00174	336.07	.00009	.00293	.14963	-.00024	-.02162
#3	.00196	.00238	333.30	-.00015	.00302	.23107	-.00002	-.02655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01692	.00834	.00128	-.00084	-.00271	-.0067	-.00011	5.5827
Stddev	.00380	.00152	.00122	.00207	.00192	.0013	.00007	.0344
%RSD	22.469	18.227	94.862	245.54	70.761	19.07	66.726	.61546

#1	.01267	.00702	-.00005	.00121	-.00484	-.0069	-.00011	5.5667
#2	.01809	.00801	.00157	-.00081	-.00213	-.0078	-.00004	5.6222
#3	.01999	.01000	.00233	-.00294	-.00115	-.0053	-.00018	5.5593

Sample Name: PB120388TB Acquired: 6/6/2019 14:15:45 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.84578
%RSD	7.9401

#1	-10.065
#2	-11.621
#3	-10.270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.1	42826.	4516.7	56.736	3470.8
Stddev	17.2	93.	37.5	.066	23.6
%RSD	.53510	.21815	.83027	.11626	.67996

#1	3211.5	42787.	4488.0	56.664	3447.0
#2	3208.8	42759.	4559.1	56.750	3471.1
#3	3239.9	42933.	4503.0	56.793	3494.2

Sample Name: K3153-01 Acquired: 6/6/2019 14:31:31 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.04219	-.00376	.88885	.00304	.00542	151.02	.92216	.01241
Stddev	.00167	.00169	.00314	.00111	.00123	.78	.00781	.00017
%RSD	3.9605	44.841	.35306	36.529	22.715	.51385	.84657	1.3655
#1	.04325	-.00210	.88623	.00190	.00493	150.18	.91323	.01260
#2	.04027	-.00547	.88799	.00311	.00451	151.71	.92770	.01234
#3	.04306	-.00372	.89233	.00411	.00682	151.16	.92556	.01228
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	123.74	.19266	.11196	.65039	194.38	5.0774	43.075
Stddev	.00004	.27	.00098	.00027	.00081	.49	.0011	.228
%RSD	8.9172	.21834	.51052	.24146	.12418	.25389	.02205	.52890
#1	.00048	123.50	.19279	.11178	.64963	194.65	5.0768	42.831
#2	.00044	123.68	.19161	.11183	.65030	193.81	5.0787	43.112
#3	.00052	124.03	.19357	.11227	.65124	194.67	5.0767	43.282
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35482	-.01107	10.048	.30609	1.2602	11.390	.00414	.09731
Stddev	.00131	.00041	.048	.00155	.0039	.055	.00011	.00568
%RSD	.36907	3.6751	.48239	.50616	.30790	.48108	2.5373	5.8384
#1	.35595	-.01060	9.9922	.30645	1.2597	11.328	.00417	.09570
#2	.35338	-.01134	10.078	.30742	1.2566	11.432	.00403	.09260
#3	.35511	-.01126	10.074	.30439	1.2643	11.409	.00423	.10362
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7878	6.5859	.03510	2.3540	.13290	8.002	.29729	.73405
Stddev	.0118	.0881	.00105	.0044	.00224	.025	.00083	.09756
%RSD	.24716	1.3378	2.9973	.18876	1.6824	.3181	.28001	13.290
#1	4.7765	6.6739	.03396	2.3590	.13541	7.990	.29637	.82487
#2	4.7867	6.4977	.03603	2.3507	.13112	7.986	.29799	.74635
#3	4.8001	6.5862	.03531	2.3521	.13218	8.032	.29752	.63092

Sample Name: K3153-01 Acquired: 6/6/2019 14:31:31 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 352.59
Stddev 1.83
%RSD .52041

#1 354.70
#2 351.72
#3 351.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3812.9	51419.	5438.0	58.864	3450.6
Stddev	10.7	88.	30.3	.833	1.1
%RSD	.28119	.17021	.55758	1.4150	.03058

#1	3821.6	51487.	5414.6	58.331	3451.8
#2	3800.9	51448.	5472.3	59.824	3449.8
#3	3816.1	51320.	5427.2	58.436	3450.1

Sample Name: K3153-01DUP Acquired: 6/6/2019 14:35:56 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.04079	-.00259	.89455	.00356	.00542	151.21	.92525	.01199
Stddev	.00242	.00068	.00673	.00240	.00392	.31	.00370	.00019
%RSD	5.9322	26.160	.75225	67.341	72.298	.20823	.40030	1.5758
#1	.03820	-.00315	.89341	.00560	.00123	151.19	.92413	.01220
#2	.04300	-.00184	.88846	.00416	.00604	151.53	.92939	.01184
#3	.04117	-.00280	.90178	.00092	.00899	150.90	.92224	.01194
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	125.25	.19435	.11328	.63211	195.28	5.0954	43.254
Stddev	.00023	.63	.00062	.00063	.00315	.18	.0194	.060
%RSD	24.190	.50345	.31934	.55796	.49788	.09356	.38005	.13818
#1	.00100	125.00	.19399	.11311	.62868	195.07	5.0930	43.185
#2	.00071	124.79	.19506	.11275	.63280	195.43	5.1158	43.292
#3	.00117	125.97	.19398	.11398	.63486	195.33	5.0773	43.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35944	-.01114	10.034	.30869	1.2660	11.467	.00418	.10011
Stddev	.00186	.00061	.032	.00252	.0036	.041	.00052	.01943
%RSD	.51884	5.4931	.31647	.81622	.28755	.36056	12.469	19.411
#1	.35860	-.01182	10.017	.30933	1.2690	11.424	.00402	.12093
#2	.35815	-.01064	10.071	.30591	1.2619	11.507	.00375	.09698
#3	.36158	-.01095	10.015	.31083	1.2669	11.471	.00476	.08244
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9561	6.7399	.03668	2.3671	.13446	8.126	.30021	.51665
Stddev	.0190	.0964	.00145	.0027	.00151	.044	.00286	.26349
%RSD	.38394	1.4310	3.9546	.11216	1.1216	.5449	.95249	50.999
#1	4.9606	6.7341	.03595	2.3651	.13516	8.149	.30049	.41434
#2	4.9352	6.6465	.03574	2.3662	.13272	8.075	.29723	.81595
#3	4.9725	6.8391	.03835	2.3701	.13548	8.154	.30293	.31966

Sample Name: K3153-01DUP Acquired: 6/6/2019 14:35:56 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 362.64
Stddev 1.62
%RSD .44740

#1 362.90
#2 360.90
#3 364.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3825.2	51836.	5451.4	58.001	3457.1
Stddev	16.3	195.	43.6	.554	4.8
%RSD	.42593	.37605	.79996	.95485	.13805

#1	3839.9	51622.	5420.2	57.407	3462.2
#2	3807.7	51883.	5501.3	58.502	3456.4
#3	3828.0	52003.	5432.8	58.095	3452.7

Sample Name: K3153-01LX5 Acquired: 6/6/2019 14:40:24 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.01220	.00207	.18289	.00524	.00097	33.742	.20703	.00254
Stddev	.00140	.00068	.00271	.00086	.00082	.147	.00077	.00011
%RSD	11.490	32.594	1.4843	16.410	84.722	.43713	.37369	4.4016

#1	.01158	.00246	.18364	.00614	.00093	33.576	.20644	.00249
#2	.01381	.00129	.17988	.00443	.00017	33.792	.20791	.00246
#3	.01123	.00247	.18516	.00516	.00180	33.859	.20675	.00267

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	30.735	.04577	.02284	.14856	51.964	1.2298	9.7895
Stddev	.00004	.132	.00037	.00005	.00107	.233	.0019	.0425
%RSD	2.5109	.43006	.80062	.22018	.72195	.44915	.15896	.43375

#1	-.00146	30.816	.04590	.02284	.14750	51.961	1.2276	9.7470
#2	-.00153	30.806	.04605	.02279	.14854	51.732	1.2304	9.8319
#3	-.00149	30.582	.04536	.02289	.14964	52.199	1.2313	9.7896

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07253	-.00166	2.1708	.07155	.24757	2.4840	.00028	.03951
Stddev	.00023	.00027	.0135	.00023	.00041	.0272	.00024	.01216
%RSD	.32055	16.064	.62187	.31942	.16730	1.0939	86.456	30.775

#1	.07273	-.00162	2.1575	.07156	.24753	2.4531	.00052	.02582
#2	.07228	-.00194	2.1845	.07132	.24718	2.5043	.00004	.04907
#3	.07259	-.00141	2.1704	.07178	.24801	2.4946	.00029	.04365

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98174	1.6451	.00631	.55664	.02859	1.607	.06481	3.3173
Stddev	.00248	.0079	.00161	.00586	.00069	.007	.00007	.2494
%RSD	.25227	.47978	25.511	1.0524	2.4009	.4360	.10887	7.5191

#1	.97908	1.6482	.00754	.54988	.02861	1.601	.06478	3.2853
#2	.98216	1.6510	.00449	.55997	.02790	1.606	.06477	3.0855
#3	.98397	1.6361	.00690	.56008	.02927	1.615	.06489	3.5812

Sample Name: K3153-01LX5 Acquired: 6/6/2019 14:40:24 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	68.313
Stddev	1.962
%RSD	2.8717

#1	68.985
#2	66.103
#3	69.850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.6	47473.	4779.4	57.270	3774.0
Stddev	7.3	125.	35.4	2.154	4.4
%RSD	.20747	.26425	.74128	3.7610	.11669

#1	3517.1	47383.	4739.3	54.788	3773.5
#2	3531.5	47419.	4792.4	58.652	3778.6
#3	3522.1	47616.	4806.5	58.370	3769.8

Sample Name: K3153-01MS Acquired: 6/6/2019 14:44:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.67952	1.9154	2.2077	1.5582	.15130	166.32	1.1460	.18425
Stddev	.00121	.0081	.0064	.0115	.00262	.76	.0094	.00141
%RSD	.17734	.42121	.29014	.73767	1.7318	.45401	.82069	.76402
#1	.67923	1.9071	2.2005	1.5505	.14976	166.26	1.1505	.18550
#2	.68084	1.9159	2.2097	1.5714	.15433	167.10	1.1524	.18451
#3	.67849	1.9232	2.2128	1.5526	.14982	165.59	1.1352	.18272
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18905	123.26	.52762	.31155	.72447	192.53	5.6920	42.033
Stddev	.00060	.36	.00201	.00055	.00183	.11	.0191	.154
%RSD	.31684	.29499	.38109	.17639	.25256	.05744	.33623	.36658
#1	.18837	123.49	.52956	.31092	.72267	192.54	5.6907	42.121
#2	.18946	123.45	.52777	.31196	.72442	192.41	5.7117	42.124
#3	.18934	122.84	.52554	.31176	.72633	192.63	5.6735	41.855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83343	.04974	13.024	.54126	1.5540	20.733	.32161	.28142
Stddev	.00071	.00072	.107	.00377	.0027	.111	.00085	.02079
%RSD	.08511	1.4431	.81969	.69703	.17445	.53405	.26322	7.3880
#1	.83346	.04982	13.071	.54449	1.5509	20.762	.32159	.25891
#2	.83413	.05041	13.100	.54218	1.5558	20.827	.32247	.28544
#3	.83271	.04898	12.902	.53711	1.5553	20.611	.32078	.29991
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5507	6.6724	.66124	2.3684	.31279	F 13.59	.50895	.67179
Stddev	.0126	.0415	.00478	.0058	.00192	.01	.00499	.33484
%RSD	.27586	.62118	.72287	.24472	.61327	.0862	.98056	49.843
#1	4.5370	6.7184	.65623	2.3751	.31097	13.58	.51095	.87933
#2	4.5534	6.6610	.66173	2.3647	.31260	13.60	.51264	.85054
#3	4.5617	6.6379	.66575	2.3655	.31479	13.60	.50327	.28551

Sample Name: K3153-01MS Acquired: 6/6/2019 14:44:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 348.13
Stddev 2.53
%RSD .72807

#1 345.22
#2 349.39
#3 349.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.1	51034.	5340.3	55.398	3426.3
Stddev	16.4	152.	19.3	1.059	7.9
%RSD	.43343	.29698	.36181	1.9111	.23021

#1	3782.0	50860.	5318.3	54.588	3434.5
#2	3757.6	51107.	5348.1	56.596	3418.8
#3	3788.7	51136.	5354.6	55.010	3425.8

Sample Name: K3153-01MSD Acquired: 6/6/2019 14:49:15 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.68221	1.9271	2.1863	1.5654	.15339	166.19	1.1445	.18553
Stddev	.00319	.0086	.0043	.0034	.00218	.56	.0026	.00046
%RSD	.46766	.44706	.19720	.21599	1.4242	.33851	.22369	.24606
#1	.68579	1.9339	2.1894	1.5619	.15267	165.63	1.1418	.18502
#2	.67967	1.9300	2.1814	1.5659	.15584	166.75	1.1470	.18590
#3	.68116	1.9174	2.1882	1.5686	.15166	166.18	1.1446	.18566
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18959	123.64	.52748	.31264	.72872	193.81	5.6752	42.194
Stddev	.00042	.29	.00079	.00134	.00320	.33	.0320	.042
%RSD	.22250	.23523	.15001	.42886	.43906	.17128	.56443	.09868
#1	.19007	123.37	.52760	.31377	.72519	194.06	5.6539	42.148
#2	.18938	123.95	.52820	.31116	.73142	193.43	5.6597	42.229
#3	.18931	123.59	.52663	.31300	.72957	193.94	5.7121	42.205
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84178	.05044	13.048	.54384	1.5561	20.798	.32308	.29051
Stddev	.00137	.00056	.035	.00223	.0024	.111	.00120	.01648
%RSD	.16269	1.1034	.26843	.41026	.15250	.53314	.37058	5.6721
#1	.84213	.05106	13.015	.54238	1.5589	20.708	.32279	.28844
#2	.84027	.05028	13.043	.54641	1.5546	20.764	.32440	.27516
#3	.84294	.04998	13.085	.54273	1.5549	20.922	.32206	.30792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5998	6.8481	.66220	2.3964	.31237	F 13.62	.51289	.86687
Stddev	.0217	.0486	.00118	.0145	.00131	.04	.00225	.32791
%RSD	.47177	.71020	.17811	.60629	.41872	.3247	.43931	37.828
#1	4.5986	6.7998	.66276	2.3982	.31366	13.67	.51156	1.2101
#2	4.6221	6.8971	.66300	2.3811	.31242	13.61	.51550	.83359
#3	4.5788	6.8473	.66085	2.4100	.31104	13.59	.51163	.55686

Sample Name: K3153-01MSD Acquired: 6/6/2019 14:49:15 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 350.38
Stddev 3.20
%RSD .91228

#1 351.48
#2 352.88
#3 346.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3767.6	51008.	5325.0	57.042	3426.2
Stddev	3.7	103.	22.0	1.659	5.1
%RSD	.09889	.20164	.41256	2.9083	.14963

#1	3768.2	51022.	5317.7	57.439	3420.6
#2	3763.7	50898.	5307.6	58.467	3427.5
#3	3771.0	51103.	5349.7	55.221	3430.6

Sample Name: K3153-01A Acquired: 6/6/2019 14:53:42 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.69608	1.9463	2.1381	1.5963	.15318	167.50	1.1482	.18882
Stddev	.00524	.0037	.0055	.0071	.00357	1.61	.0072	.00018
%RSD	.75234	.18951	.25637	.44620	2.3319	.96007	.63027	.09399
#1	.69290	1.9471	2.1358	1.5904	.15460	167.26	1.1471	.18861
#2	.70212	1.9422	2.1444	1.5943	.15582	166.02	1.1415	.18890
#3	.69321	1.9495	2.1342	1.6042	.14911	169.21	1.1559	.18894
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19309	124.73	.52993	.31772	.73882	195.62	5.6431	42.796
Stddev	.00020	.24	.00168	.00040	.00185	1.61	.0725	.351
%RSD	.10434	.18953	.31761	.12626	.25031	.82236	1.2850	.82089
#1	.19308	124.96	.52808	.31738	.73701	196.54	5.6648	42.638
#2	.19290	124.75	.53138	.31816	.74071	193.76	5.5622	42.551
#3	.19330	124.49	.53032	.31763	.73875	196.55	5.7023	43.198
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86868	.05089	13.205	.55297	1.5822	20.946	.32518	.29308
Stddev	.00222	.00044	.078	.00144	.0019	.176	.00125	.00300
%RSD	.25605	.86103	.59385	.26079	.11718	.84079	.38556	1.0226
#1	.86848	.05111	13.185	.55341	1.5835	20.863	.32383	.29436
#2	.86657	.05038	13.139	.55414	1.5800	20.827	.32630	.29523
#3	.87100	.05117	13.292	.55136	1.5830	21.148	.32541	.28966
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6901	7.1932	.67322	2.4376	.31736	F 13.84	.52494	.84686
Stddev	.0124	.0900	.00140	.0116	.00180	.01	.00399	.02795
%RSD	.26483	1.2507	.20840	.47379	.56770	.1083	.76020	3.3005
#1	4.6772	7.1394	.67177	2.4509	.31911	13.85	.52785	.86677
#2	4.7020	7.2971	.67333	2.4309	.31551	13.82	.52658	.81490
#3	4.6912	7.1432	.67457	2.4309	.31745	13.83	.52039	.85890

Sample Name: K3153-01A Acquired: 6/6/2019 14:53:42 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 358.10
Stddev	1.42
%RSD	.39773

#1	357.73
#2	359.68
#3	356.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.7	50939.	5297.9	56.799	3427.3
Stddev	6.1	321.	32.6	.887	15.1
%RSD	.16176	.63032	.61560	1.5611	.44159

#1	3762.6	50812.	5264.3	57.808	3411.3
#2	3773.2	51304.	5300.1	56.446	3441.4
#3	3773.2	50700.	5329.4	56.143	3429.3

Sample Name: K3219-01 Acquired: 6/6/2019 15:02:37 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.04248	.00059	.66549	.00760	.02022	31.306	.44819	.00165
Stddev	.00053	.00035	.00069	.00354	.00099	.147	.00278	.00008
%RSD	1.2552	59.931	.10407	46.610	4.8960	.46843	.62122	4.6418
#1	.04305	.00095	.66543	.00788	.01932	31.265	.44943	.00170
#2	.04199	.00059	.66621	.00393	.02128	31.183	.44500	.00156
#3	.04241	.00024	.66483	.01100	.02006	31.468	.45014	.00169
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	56.573	.05881	.01028	.25801	28.496	.60036	10.355
Stddev	.00009	.115	.00049	.00038	.00074	.058	.00155	.143
%RSD	17.698	.20411	.83027	3.6942	.28539	.20279	.25743	1.3787
#1	.00055	56.508	.05912	.00985	.25790	28.440	.59863	10.274
#2	.00057	56.706	.05905	.01043	.25879	28.494	.60159	10.272
#3	.00041	56.505	.05824	.01057	.25733	28.555	.60087	10.520
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03815	.00012	15.772	.09445	.87809	12.619	.01201	.14773
Stddev	.00045	.00053	.088	.00081	.00059	.057	.00014	.04164
%RSD	1.1762	433.73	.55839	.85736	.06758	.45281	1.1566	28.184
#1	.03766	.00067	15.759	.09357	.87814	12.602	.01189	.10815
#2	.03853	-.00039	15.691	.09462	.87747	12.573	.01198	.19115
#3	.03828	.00009	15.865	.09516	.87866	12.683	.01216	.14388
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.442	F 43.443	.05921	.88840	.02762	1.853	.30815	4.6335
Stddev	.024	.051	.00133	.00757	.00173	.004	.00052	.1926
%RSD	.21150	.11736	2.2438	.85233	6.2748	.2427	.16731	4.1570
#1	11.469	43.420	.05773	.89587	.02710	1.858	.30756	4.4962
#2	11.422	43.501	.06029	.88860	.02955	1.852	.30853	4.5506
#3	11.436	43.407	.05962	.88073	.02620	1.849	.30836	4.8536

Sample Name: K3219-01 Acquired: 6/6/2019 15:02:37 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	36.960
Stddev	.513
%RSD	1.3883

#1	37.267
#2	36.368
#3	37.245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.5	45490.	4624.3	57.127	3663.6
Stddev	16.4	116.	13.8	.529	8.5
%RSD	.49204	.25467	.29850	.92622	.23141

#1	3333.9	45357.	4617.8	56.519	3662.3
#2	3328.4	45567.	4615.0	57.484	3655.8
#3	3359.3	45546.	4640.2	57.377	3672.6

Sample Name: K3153-03 Acquired: 6/6/2019 15:06:51 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.02140	-.00520	.25213	.00054	.00381	106.89	.68902	.01030
Stddev	.00169	.00199	.00223	.00151	.00190	.25	.00330	.00007
%RSD	7.8942	38.362	.88276	281.97	49.891	.23541	.47830	.64336
#1	.01970	-.00616	.25469	.00087	.00522	107.12	.69276	.01025
#2	.02308	-.00291	.25066	-.00111	.00455	106.62	.68656	.01038
#3	.02141	-.00653	.25103	.00185	.00165	106.92	.68773	.01027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	124.03	.19197	.09640	.23650	209.60	4.3791	43.480
Stddev	.00012	.16	.00013	.00097	.00092	.74	.0109	.075
%RSD	3.6609	.12636	.06909	1.0077	.38699	.35517	.24950	.17291
#1	-.00332	123.85	.19186	.09693	.23756	209.72	4.3828	43.529
#2	-.00318	124.10	.19212	.09700	.23602	208.81	4.3668	43.519
#3	-.00343	124.14	.19195	.09528	.23592	210.28	4.3876	43.394
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38800	-.01244	10.480	.27596	.46483	15.292	.00569	.08820
Stddev	.00166	.00042	.050	.00108	.00321	.030	.00035	.01542
%RSD	.42680	3.3717	.47987	.39249	.69129	.19850	6.0853	17.484
#1	.38883	-.01206	10.510	.27491	.46724	15.314	.00568	.07616
#2	.38908	-.01289	10.422	.27707	.46607	15.258	.00535	.08286
#3	.38609	-.01236	10.508	.27590	.46118	15.306	.00605	.10558
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3445	1.8049	.01316	4.1283	.07493	5.639	.07598	2.0235
Stddev	.0308	.0321	.00037	.0091	.00079	.033	.00049	.0241
%RSD	.92083	1.7804	2.8119	.21976	1.0480	.5883	.64737	1.1911
#1	3.3657	1.8383	.01346	4.1260	.07480	5.659	.07627	2.0350
#2	3.3587	1.7741	.01327	4.1205	.07422	5.657	.07626	2.0398
#3	3.3092	1.8023	.01274	4.1383	.07577	5.601	.07541	1.9958

Sample Name: K3153-03 Acquired: 6/6/2019 15:06:51 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 339.87
Stddev	7.52
%RSD	2.2131

#1	334.41
#2	348.45
#3	336.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3547.3	48215.	5067.3	58.349	3432.3
Stddev	18.6	154.	7.0	.257	14.1
%RSD	.52398	.31901	.13817	.44084	.40944

#1	3541.1	48120.	5074.5	58.423	3416.2
#2	3568.2	48392.	5066.9	58.561	3438.6
#3	3532.5	48133.	5060.5	58.063	3442.2

Sample Name: CCV03 Acquired: 6/6/2019 15:11:18 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3444	5.3280	5.2570	5.2855	5.4608	10.013	10.292	.27053
Stddev	.0041	.0083	.0147	.0100	.0073	.060	.056	.00077
%RSD	.07613	.15587	.27939	.18880	.13436	.59800	.54124	.28421
#1	5.3426	5.3192	5.2434	5.2796	5.4692	9.9957	10.247	.27025
#2	5.3416	5.3291	5.2551	5.2800	5.4556	9.9633	10.276	.26993
#3	5.3491	5.3357	5.2726	5.2971	5.4577	10.079	10.355	.27140
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5556	25.242	1.0213	2.6361	1.3137	5.2034	2.6326	25.811
Stddev	.0064	.070	.0036	.0061	.0034	.0084	.0026	.166
%RSD	.25074	.27603	.35390	.23262	.25541	.16162	.09790	.64503
#1	2.5498	25.177	1.0208	2.6297	1.3132	5.2097	2.6303	25.689
#2	2.5546	25.234	1.0179	2.6367	1.3173	5.1938	2.6320	25.744
#3	2.5625	25.316	1.0251	2.6420	1.3107	5.2066	2.6354	26.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5816	1.2925	24.957	2.4696	2.6745	25.796	5.3908	4.9851
Stddev	.0042	.0041	.135	.0084	.0076	.090	.0040	.0096
%RSD	.16200	.32028	.53999	.34065	.28490	.35053	.07452	.19185
#1	2.5768	1.2879	24.866	2.4599	2.6672	25.714	5.3862	4.9843
#2	2.5843	1.2935	24.892	2.4738	2.6740	25.781	5.3928	4.9759
#3	2.5838	1.2960	25.112	2.4750	2.6824	25.893	5.3935	4.9950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2304	5.2533	5.2557	5.1779	4.8672	5.403	5.3428	F 5.5732
Stddev	.0154	.0129	.0109	.0243	.0141	.002	.0250	.1483
%RSD	.29501	.24495	.20748	.46979	.28891	.0397	.46769	2.6609
#1	5.2210	5.2662	5.2432	5.1509	4.8587	5.403	5.3208	5.4834
#2	5.2219	5.2405	5.2628	5.1846	4.8594	5.404	5.3375	5.7444
#3	5.2482	5.2533	5.2612	5.1982	4.8834	5.400	5.3699	5.4920

Sample Name: CCV03 Acquired: 6/6/2019 15:11:18 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9593
Stddev .9781
%RSD 24.704

#1 4.7769
#2 2.8758
#3 4.2253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.1	44300.	4547.1	56.448	3522.1
Stddev	5.9	50.	11.0	1.013	.4
%RSD	.18021	.11313	.24201	1.7943	.01207

#1	3260.9	44243.	4536.7	56.182	3521.6
#2	3267.9	44336.	4546.0	55.595	3522.4
#3	3272.6	44322.	4558.6	57.567	3522.3

Sample Name: CCB03 Acquired: 6/6/2019 15:15:16 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	.00281	.00118	-.00008	-.00041	-.00663	.00011
Stddev	.00221	.00050	.00084	.00356	.00159	.00239	.00029
%RSD	61.052	17.685	71.114	4199.9	392.08	36.065	266.69

#1	.00116	.00290	.00209	-.00195	-.00184	-.00617	-.00009
#2	.00543	.00326	.00102	-.00232	-.00068	-.00450	-.00003
#3	.00429	.00228	.00043	.00402	.00130	-.00922	.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00001	.01051	.00003	-.00013	-.00082	.00135
Stddev	.00002	.00005	.02336	.00014	.00018	.00025	.00083
%RSD	41.807	359.23	222.18	529.72	136.09	30.147	61.607

#1	.00003	.00004	-.00708	.00019	-.00033	-.00055	.00199
#2	.00008	.00005	.00161	-.00005	-.00002	-.00102	.00041
#3	.00005	-.00004	.03702	-.00006	-.00003	-.00091	.00166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00609	.00030	-.00004	-.09054	.00030	-.00019
Stddev	.00003	.03050	.00016	.00060	.00667	.00029	.00007
%RSD	54.308	500.68	53.730	1550.1	7.3641	99.167	36.427

#1	.00003	.00417	.00046	-.00063	-.08310	-.00004	-.00011
#2	.00009	-.04040	.00014	.00056	-.09256	.00049	-.00020
#3	.00004	.01795	.00030	-.00004	-.09596	.00044	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00671	.00018	-.01064	-.00214	.00651	-.00025	-.00007
Stddev	.01853	.00037	.01978	.00255	.00117	.00072	.00183
%RSD	276.02	206.53	185.93	119.06	18.010	287.67	2687.2

#1	.01461	.00040	-.00094	.00058	.00746	-.00043	-.00164
#2	-.01587	.00039	-.03339	-.00447	.00520	.00054	.00194
#3	-.01888	-.00025	.00242	-.00254	.00687	-.00086	-.00050

Sample Name: CCB03 Acquired: 6/6/2019 15:15:16 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	-.0060	-.00004	F 3.9635	F<.00000
Stddev	.00100	.0020	.00007	.1770	.34150
%RSD	35.831	33.53	181.82	4.4654	530.35
#1	-.00164	-.0050	-.00007	4.1312	-.12364
#2	-.00331	-.0046	.00004	3.9808	-.37239
#3	-.00344	-.0083	-.00008	3.7785	.30286
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.8	47102.	4657.6	59.083	3981.8
Stddev	7.7	57.	44.4	1.688	10.4
%RSD	.22368	.12171	.95241	2.8562	.26149
#1	3447.2	47035.	4622.3	60.973	3970.6
#2	3447.4	47135.	4643.1	57.727	3991.1
#3	3433.9	47135.	4707.4	58.548	3983.7

Sample Name: K3190-15 Acquired: 6/6/2019 15:19:44 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00107	.00275	.00077	-.00100	.01094	.01757
Stddev	.00031	.00061	.00042	.00295	.00185	.01152	.00019
%RSD	26.933	57.161	15.366	382.28	184.76	105.32	1.0917

#1	.00081	.00120	.00237	-.00105	-.00286	-.00236	.01742
#2	.00125	.00041	.00320	.00417	-.00100	.01788	.01779
#3	.00141	.00161	.00267	-.00081	.00085	.01730	.01750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00012	11.791	.00068	.00019	.00005	.00507
Stddev	.00004	.00006	.103	.00035	.00004	.00048	.00047
%RSD	146.95	49.051	.87767	51.761	22.063	979.97	9.1954

#1	.00007	.00014	11.688	.00040	.00014	.00006	.00458
#2	.00003	.00006	11.895	.00107	.00020	-.00043	.00551
#3	-.00001	.00017	11.792	.00056	.00022	.00052	.00512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01172	2.1526	.00094	.00028	53.405	.00044	.01770
Stddev	.00008	.0110	.00041	.00091	.307	.00057	.00006
%RSD	.69245	.51136	43.274	329.00	.57439	129.43	.35876

#1	.01162	2.1469	.00100	-.00048	53.052	.00094	.01764
#2	.01176	2.1455	.00051	.00129	53.605	-.00018	.01777
#3	.01177	2.1652	.00131	.00002	53.559	.00057	.01769

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3235	.00008	.01721	3.3051	2.2980	-.00118	-.00026
Stddev	.0264	.00035	.00824	.0068	.0168	.00026	.00020
%RSD	1.9969	451.79	47.892	.20621	.73108	21.824	77.823

#1	1.3085	-.00030	.02613	3.2981	2.3171	-.00094	-.00041
#2	1.3081	.00038	.01564	3.3117	2.2912	-.00114	-.00003
#3	1.3540	.00015	.00987	3.3055	2.2856	-.00145	-.00034

Sample Name: K3190-15 Acquired: 6/6/2019 15:19:44 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00419	.0002	.06762	4.4829	F<.00000
Stddev	.00114	.0014	.00056	.0557	1.1124
%RSD	27.174	789.7	.82295	1.2419	50.844

#1	-0.00432	.0003	.06713	4.4365	-.90348
#2	-0.00300	.0014	.06823	4.5446	-2.8136
#3	-0.00526	-.0012	.06751	4.4676	-2.8463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.7	45534.	4586.6	58.468	3768.7
Stddev	4.5	101.	36.3	.159	3.6
%RSD	.13597	.22272	.79149	.27208	.09569

#1	3328.0	45422.	4551.1	58.519	3766.1
#2	3330.5	45561.	4585.2	58.596	3767.2
#3	3336.8	45619.	4623.6	58.290	3772.8

Sample Name: K3190-15DUP Acquired: 6/6/2019 15:24:10 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00106	.00206	-.00110	.00104	-.00409	.01806
Stddev	.00215	.00121	.00091	.00389	.00143	.00806	.00021
%RSD	343.59	113.91	44.199	354.22	137.56	196.85	1.1728

#1	.00294	.00162	.00117	-.00529	.00269	-.00557	.01809
#2	.00025	.00189	.00299	.00239	.00036	-.01130	.01825
#3	-.00131	-.00033	.00201	-.00040	.00008	.00460	.01783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00013	11.807	.00049	.00010	-.00006	.00514
Stddev	.00003	.00007	.040	.00023	.00005	.00046	.00035
%RSD	42.635	58.197	.33873	46.380	52.243	780.32	6.7277

#1	.00007	.00020	11.767	.00073	.00004	.00047	.00500
#2	.00011	.00005	11.847	.00028	.00015	-.00038	.00553
#3	.00004	.00013	11.806	.00046	.00011	-.00027	.00488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01185	2.1633	.00084	-.00003	53.369	.00040	.01769
Stddev	.00009	.0460	.00025	.00062	.090	.00045	.00010
%RSD	.72512	2.1250	30.190	2486.7	.16778	112.45	.55660

#1	.01179	2.1270	.00058	-.00030	53.397	.00070	.01776
#2	.01181	2.1480	.00109	-.00046	53.269	-.00012	.01758
#3	.01195	2.2150	.00086	.00069	53.442	.00062	.01774

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3647	-.00035	.01778	3.3090	2.2943	-.00110	-.00092
Stddev	.0195	.00011	.01520	.0058	.0013	.00055	.00050
%RSD	1.4303	30.515	85.460	.17591	.05579	49.601	54.851

#1	1.3422	-.00023	.00178	3.3043	2.2951	-.00082	-.00090
#2	1.3742	-.00043	.03202	3.3155	2.2928	-.00173	-.00043
#3	1.3776	-.00040	.01955	3.3072	2.2950	-.00075	-.00143

Sample Name: K3190-15DUP Acquired: 6/6/2019 15:24:10 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00332	.0001	.06734	4.7679	F<.00000
Stddev	.00100	.0009	.00020	.0486	1.5798
%RSD	30.082	977.8	.29411	1.0193	58.502

#1	-.00446	.0004	.06721	4.7939	-.94789
#2	-.00288	.0008	.06725	4.7979	-4.0152
#3	-.00261	-.0009	.06757	4.7118	-3.1385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.8	45682.	4619.2	58.361	3766.9
Stddev	15.5	157.	13.4	2.414	9.9
%RSD	.46533	.34318	.28918	4.1363	.26251

#1	3306.2	45523.	4603.8	55.698	3755.9
#2	3325.4	45836.	4626.1	60.405	3774.9
#3	3336.7	45688.	4627.8	58.981	3770.1

Sample Name: K3190-15LX5 Acquired: 6/6/2019 15:28:37 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00322	.00053	.00105	-.00066	.00010	.00379	.00398	.00008
Stddev	.00250	.00058	.00074	.00050	.00163	.01180	.00020	.00006
%RSD	77.726	108.72	70.255	75.938	1551.3	311.02	5.0444	74.058

#1	.00610	-.00002	.00021	-.00048	.00118	-.00632	.00421	.00008
#2	.00189	.00048	.00134	-.00027	.00090	.00094	.00387	.00002
#3	.00166	.00114	.00161	-.00122	-.00176	.01676	.00385	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	2.3863	.00036	.00010	-.00015	.00370	.00254	.45674
Stddev	.00006	.0181	.00010	.00024	.00034	.00071	.00009	.04567
%RSD	527.59	.75904	28.086	248.48	221.27	19.217	3.7277	9.9984

#1	-.00003	2.3657	.00032	-.00010	-.00050	.00450	.00255	.45303
#2	.00008	2.3933	.00048	.00036	.00018	.00347	.00244	.50414
#3	-.00002	2.3998	.00029	.00002	-.00013	.00314	.00263	.41303

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00000	10.639	.00036	.00453	.21175	-.00029	-.00956
Stddev	.00023	.00032	.057	.00051	.00006	.00837	.00046	.02100
%RSD	25.672	10293.	.53453	142.28	1.3047	3.9527	160.88	219.69

#1	.00095	.00014	10.574	.00087	.00449	.20570	.00013	.00214
#2	.00063	.00023	10.663	.00037	.00459	.20826	-.00079	.00299
#3	.00106	-.00036	10.679	-.00016	.00449	.22130	-.00021	-.03380

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65399	.47988	-.00161	-.00094	-.00444	-.0043	.01356	4.2632
Stddev	.00515	.00227	.00068	.00228	.00322	.0012	.00003	.0555
%RSD	.78742	.47398	42.335	241.53	72.596	28.83	.22540	1.3010

#1	.64844	.48244	-.00221	.00115	-.00240	-.0057	.01354	4.2959
#2	.65862	.47910	-.00087	-.00337	-.00277	-.0039	.01360	4.2945
#3	.65490	.47810	-.00174	-.00062	-.00816	-.0033	.01355	4.1991

Sample Name: K3190-15LX5 Acquired: 6/6/2019 15:28:37 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.2632
%RSD 281.98

#1 .72508
#2 -.28376
#3 -1.7852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.3	46571.	4652.3	61.492	3934.3
Stddev	6.4	67.	32.2	1.640	5.7
%RSD	.18910	.14390	.69175	2.6663	.14524

#1	3388.9	46497.	4615.9	59.720	3928.1
#2	3399.6	46590.	4677.1	61.802	3935.3
#3	3400.5	46627.	4663.9	62.955	3939.3

Sample Name: K3190-16 Acquired: 6/6/2019 15:33:05 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80601	2.0178	1.0011	1.9944	.80633	1.9417	.22321	.20449	.19417
Stddev	.00633	.0051	.0047	.0045	.00376	.0333	.00184	.00030	.00054
%RSD	.78476	.25233	.46679	.22788	.46597	1.7150	.82221	.14520	.27870
#1	.81208	2.0232	1.0063	1.9994	.81029	1.9062	.22279	.20418	.19480
#2	.79946	2.0130	.99945	1.9932	.80589	1.9722	.22522	.20454	.19382
#3	.80650	2.0172	.99742	1.9906	.80282	1.9469	.22162	.20476	.19391
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.764	.41153	.20743	.31681	3.1264	.22205	4.4119	.50154	.06938
Stddev	.066	.00113	.00069	.00132	.0060	.00028	.0483	.00109	.00056
%RSD	.44576	.27539	.33414	.41756	.19273	.12698	1.0953	.21706	.80727
#1	14.699	.41026	.20817	.31796	3.1323	.22172	4.3856	.50194	.07001
#2	14.831	.41244	.20680	.31536	3.1266	.22218	4.4676	.50238	.06919
#3	14.762	.41189	.20733	.31711	3.1203	.22224	4.3824	.50031	.06894
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	62.521	.30222	.22477	11.691	.42255	.31674	3.7053	3.4210	.68954
Stddev	.334	.00149	.00040	.108	.00211	.02666	.0085	.0191	.00188
%RSD	.53491	.49324	.17974	.92327	.50011	8.4170	.22965	.55865	.27308
#1	62.390	.30077	.22516	11.617	.42485	.33871	3.7119	3.4358	.69171
#2	62.901	.30375	.22435	11.815	.42070	.28708	3.7083	3.3994	.68848
#3	62.271	.30215	.22479	11.642	.42211	.32444	3.6957	3.4277	.68843
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20228	.19206	5.978	.28241	5.1939	5.7002			
Stddev	.00255	.00211	.012	.00038	.2504	.6609			
%RSD	1.2630	1.1005	.1961	.13453	4.8215	11.594			
#1	.19933	.19133	5.991	.28234	4.9187	5.0499			
#2	.20372	.19444	5.970	.28283	5.2546	5.6795			
#3	.20379	.19040	5.972	.28208	5.4084	6.3712			

Sample Name: K3190-16 Acquired: 6/6/2019 15:33:05 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	3288.1	45214.	4546.8	59.338	3678.2
Stddev	13.6	169.	39.2	2.485	5.1
%RSD	.41238	.37273	.86133	4.1873	.13759
#1	3272.4	45028.	4521.4	59.858	3672.6
#2	3296.1	45257.	4591.9	61.522	3679.4
#3	3295.8	45357.	4527.1	56.635	3682.5

Sample Name: K3153-05 Acquired: 6/6/2019 15:37:09 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01694	.00053	.48231	.00552	.00151	86.708	.41751	.00638
Stddev	.00102	.00105	.00199	.00105	.00139	.356	.00263	.00006
%RSD	6.0069	196.04	.41296	18.931	92.004	.41027	.63039	.86835
#1	.01674	.00169	.48148	.00658	.00198	86.582	.41589	.00641
#2	.01805	.00026	.48087	.00551	.00260	86.432	.41610	.00642
#3	.01605	-.00035	.48459	.00448	-.00005	87.109	.42055	.00632
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	60.124	.12084	.05337	.22842	144.56	2.5569	21.998
Stddev	.00018	.190	.00077	.00018	.00077	.37	.0007	.224
%RSD	7.2190	.31619	.63526	.33770	.33533	.25897	.02643	1.0168
#1	-.00224	59.969	.12156	.05353	.22851	144.19	2.5576	21.897
#2	-.00251	60.067	.12093	.05317	.22762	144.94	2.5563	21.843
#3	-.00257	60.336	.12003	.05340	.22914	144.53	2.5569	22.255
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07812	-.00558	4.9995	.20528	.54379	4.8621	.00504	.13452
Stddev	.00046	.00045	.0385	.00073	.00046	.0457	.00041	.01131
%RSD	.58655	8.0880	.77077	.35790	.08495	.93938	8.1401	8.4093
#1	.07764	-.00529	4.9705	.20478	.54407	4.8643	.00512	.12483
#2	.07817	-.00610	4.9848	.20493	.54325	4.8153	.00540	.13179
#3	.07855	-.00535	5.0433	.20612	.54404	4.9066	.00459	.14695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0249	4.2144	.04686	1.7338	.06353	3.576	.02857	2.7896
Stddev	.0159	.0427	.00072	.0022	.00132	.007	.00057	.0413
%RSD	.52394	1.0121	1.5401	.12780	2.0780	.1973	1.9791	1.4786
#1	3.0083	4.2614	.04670	1.7361	.06505	3.580	.02885	2.7967
#2	3.0398	4.2034	.04765	1.7317	.06276	3.568	.02792	2.8269
#3	3.0268	4.1783	.04623	1.7335	.06277	3.581	.02895	2.7453

Sample Name: K3153-05 Acquired: 6/6/2019 15:37:09 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 238.33
Stddev	1.38
%RSD	.57906

#1	239.39
#2	238.83
#3	236.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.9	50324.	5180.1	58.906	3635.9
Stddev	6.7	193.	14.5	.441	2.0
%RSD	.18438	.38357	.27923	.74884	.05494

#1	3631.8	50201.	5163.5	59.344	3638.2
#2	3626.9	50547.	5187.1	58.462	3634.5
#3	3640.1	50225.	5189.8	58.910	3635.1

Sample Name: K3156-01 Acquired: 6/6/2019 15:41:27 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03003	-.01556	.13815	-.00333	.00227	116.96	.63585	.01534
Stddev	.00341	.00209	.00075	.00185	.00180	.16	.00186	.00021
%RSD	11.350	13.431	.54452	55.349	79.129	.13961	.29274	1.3859
#1	.03116	-.01784	.13805	-.00138	.00152	116.97	.63458	.01513
#2	.03273	-.01509	.13746	-.00357	.00433	116.80	.63799	.01555
#3	.02620	-.01374	.13895	-.00505	.00097	117.12	.63498	.01533
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	107.48	.18711	.25876	.37742	246.22	3.4994	57.024
Stddev	.00030	.32	.00060	.00153	.00134	.22	.0060	.064
%RSD	4.5015	.29562	.31937	.59061	.35582	.09122	.17130	.11275
#1	.00700	107.62	.18644	.25982	.37879	245.96	3.4973	57.004
#2	.00639	107.11	.18730	.25701	.37736	246.32	3.5062	57.096
#3	.00668	107.70	.18759	.25946	.37611	246.38	3.4948	56.973
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31724	-.02002	8.7468	.36495	.74693	10.834	.01333	.12144
Stddev	.00095	.00007	.0182	.00176	.00407	.096	.00049	.01140
%RSD	.29863	.36231	.20758	.48097	.54507	.88416	3.7133	9.3871
#1	.31833	-.01999	8.7353	.36390	.74927	10.859	.01368	.13252
#2	.31662	-.02010	8.7678	.36698	.74223	10.915	.01276	.10975
#3	.31677	-.01997	8.7374	.36397	.74928	10.728	.01353	.12205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.163	1.6130	.00390	4.2270	.11966	F 11.22	-.13263	<.00000
Stddev	.169	.0249	.00079	.0108	.00169	.06	.00073	.30997
%RSD	.46770	1.5455	20.220	.25505	1.4106	.5116	.54888	9.7824
#1	36.276	1.6092	.00300	4.2335	.12065	11.26	-.13247	-3.2144
#2	35.969	1.5902	.00449	4.2146	.11771	11.15	-.13342	-2.8383
#3	36.245	1.6396	.00420	4.2330	.12062	11.23	-.13200	-3.4531

Sample Name: K3156-01 Acquired: 6/6/2019 15:41:27 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-060519 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 628.25
Stddev	2.25
%RSD	.35859

#1	627.51
#2	626.47
#3	630.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4359.7	60672.	6386.6	57.072	3391.8
Stddev	2.4	83.	49.9	.836	14.7
%RSD	.05587	.13655	.78124	1.4651	.43284

#1	4357.0	60576.	6354.1	56.175	3381.0
#2	4361.6	60725.	6444.1	57.211	3408.5
#3	4360.6	60714.	6361.7	57.829	3386.0

Sample Name: K3192-01 Acquired: 6/6/2019 15:45:51 Type: Unk

Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35160	-.00950	1.2499	-.00286	.00627	173.39	1.3044	.01747
Stddev	.00344	.00190	.0051	.00590	.00076	1.27	.0074	.00014
%RSD	.97786	20.014	.40824	206.51	12.086	.72998	.56510	.80719
#1	.34772	-.00885	1.2487	-.00562	.00649	174.20	1.3089	.01731
#2	.35283	-.00801	1.2555	.00392	.00689	171.94	1.2959	.01759
#3	.35426	-.01164	1.2455	-.00687	.00543	174.05	1.3085	.01752
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	123.41	.28676	.19183	.45812	255.71	8.0706	92.154
Stddev	.00022	.67	.00071	.00119	.00030	1.25	.0984	.605
%RSD	2.9814	.54188	.24660	.61955	.06499	.48977	1.2190	.65616
#1	.00727	123.36	.28660	.19107	.45831	257.01	8.1100	92.423
#2	.00767	122.76	.28615	.19320	.45827	254.51	7.9586	91.462
#3	.00764	124.10	.28753	.19123	.45777	255.62	8.1432	92.578
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0590	-.01657	4.4858	.40607	4.0959	15.916	.00826	.09663
Stddev	.0030	.00094	.0096	.00068	.0129	.129	.00056	.01061
%RSD	.28394	5.6485	.21378	.16861	.31408	.80940	6.8249	10.985
#1	1.0603	-.01549	4.4831	.40541	4.0880	15.952	.00841	.10692
#2	1.0612	-.01709	4.4779	.40603	4.1108	15.773	.00763	.08572
#3	1.0556	-.01714	4.4965	.40678	4.0890	16.023	.00872	.09725
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5110	4.9750	.04072	4.1706	.19204	8.307	-.07098	1.3364
Stddev	.0193	.0172	.00035	.0102	.00183	.023	.00171	.1747
%RSD	.54871	.34491	.86786	.24438	.95484	.2787	2.4134	13.073
#1	3.5294	4.9593	.04112	4.1617	.19283	8.312	-.07292	1.4723
#2	3.5127	4.9933	.04060	4.1684	.18995	8.328	-.07035	1.3975
#3	3.4909	4.9723	.04044	4.1817	.19336	8.282	-.06968	1.1393

Sample Name: K3192-01 Acquired: 6/6/2019 15:45:51 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 516.34
Stddev	5.34
%RSD	1.0344

#1	511.75
#2	522.20
#3	515.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3693.0	51305.	5441.8	56.765	3359.3
Stddev	6.7	361.	42.0	.724	5.7
%RSD	.18161	.70364	.77248	1.2760	.16966

#1	3690.8	50967.	5426.2	56.203	3364.9
#2	3700.5	51685.	5489.5	57.582	3353.5
#3	3687.6	51262.	5409.9	56.510	3359.5

Sample Name: K3211-01 Acquired: 6/6/2019 15:50:23 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09526	.00593	.17043	.00714	-.00059	36.053	.16412	.00506
Stddev	.00132	.00112	.00161	.00090	.00139	.173	.00070	.00007
%RSD	1.3880	18.832	.94219	12.555	234.10	.47864	.42870	1.4292
#1	.09501	.00546	.16874	.00734	-.00094	36.250	.16493	.00499
#2	.09669	.00512	.17193	.00792	-.00177	35.929	.16362	.00506
#3	.09408	.00720	.17061	.00616	.00093	35.980	.16382	.00513
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	60.828	.15385	.01266	.06489	122.56	.40959	7.9153
Stddev	.00009	.189	.00080	.00013	.00023	.51	.00018	.0913
%RSD	2.2889	.31145	.52012	1.0266	.35412	.41975	.04341	1.1531
#1	-.00395	60.732	.15379	.01271	.06511	122.97	.40939	8.0080
#2	-.00379	61.046	.15468	.01251	.06465	122.73	.40964	7.9124
#3	-.00380	60.705	.15308	.01276	.06492	121.98	.40973	7.8255
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	-.00534	3.4665	.25446	.27842	4.9688	.00457	.06623
Stddev	.00034	.00021	.0345	.00080	.00030	.0168	.00021	.00728
%RSD	12.892	4.0207	.99502	.31535	.10839	.33867	4.5355	11.000
#1	.00239	-.00548	3.4937	.25535	.27807	4.9497	.00481	.06595
#2	.00244	-.00545	3.4277	.25378	.27864	4.9753	.00449	.05908
#3	.00300	-.00509	3.4780	.25425	.27853	4.9814	.00442	.07364
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5138	3.2812	.00867	.48795	.01792	2.336	.06506	4.0805
Stddev	.0119	.0549	.00064	.00331	.00124	.008	.00105	.1283
%RSD	.47302	1.6735	7.4401	.67733	6.9174	.3253	1.6090	3.1451
#1	2.5256	3.2813	.00926	.48413	.01852	2.345	.06389	3.9533
#2	2.5140	3.3360	.00798	.48984	.01876	2.332	.06541	4.2099
#3	2.5018	3.2262	.00877	.48987	.01650	2.331	.06589	4.0783

Sample Name: K3211-01 Acquired: 6/6/2019 15:50:23 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-20002 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 183.07
Stddev	.51
%RSD	.28071

#1	182.88
#2	183.66
#3	182.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.5	48171.	4954.8	60.729	3724.4
Stddev	3.6	175.	35.5	2.359	2.7
%RSD	.10355	.36395	.71716	3.8849	.07202

#1	3470.0	47973.	4979.0	60.277	3725.3
#2	3470.9	48234.	4914.0	58.629	3721.4
#3	3476.6	48307.	4971.5	63.282	3726.6

Sample Name: K3190-17 Acquired: 6/6/2019 15:54:45 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83790	2.1036	1.0408	2.0686	.84913	2.0193	.23225	.21543	.20134
Stddev	.00342	.0183	.0070	.0114	.00338	.0175	.00213	.00044	.00113
%RSD	.40859	.86970	.67543	.55219	.39850	.86780	.91673	.20643	.56254

#1	.83980	2.1161	1.0471	2.0777	.85181	1.9993	.22980	.21546	.20200
#2	.83996	2.1122	1.0421	2.0558	.84532	2.0320	.23346	.21497	.20199
#3	.83395	2.0826	1.0332	2.0723	.85025	2.0267	.23351	.21586	.20003

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.579	.43013	.21693	.32909	3.2834	.23386	4.5703	.52310	.07189
Stddev	.135	.00031	.00091	.00068	.0157	.00061	.0783	.00306	.00091
%RSD	.86937	.07270	.42070	.20737	.47651	.25897	1.7127	.58585	1.2635

#1	15.422	.43007	.21785	.32980	3.3013	.23387	4.5319	.52622	.07084
#2	15.661	.42985	.21691	.32844	3.2722	.23325	4.5188	.52300	.07247
#3	15.653	.43047	.21602	.32903	3.2767	.23446	4.6604	.52009	.07236

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	65.073	.31496	.23467	12.210	.44887	.33029	3.8597	3.5967	.72605
Stddev	.464	.00029	.00139	.130	.00102	.00834	.0482	.0257	.00346
%RSD	.71342	.09277	.59166	1.0609	.22634	2.5243	1.2480	.71348	.47686

#1	64.537	.31517	.23607	12.077	.44862	.32446	3.8911	3.6243	.72811
#2	65.339	.31509	.23467	12.336	.44800	.33984	3.8837	3.5735	.72798
#3	65.342	.31463	.23329	12.218	.44998	.32656	3.8042	3.5923	.72205

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21586	.19963	6.213	.29378	6.0449	4.1284			
Stddev	.00380	.00193	.056	.00139	.0414	.3889			
%RSD	1.7616	.96768	.9060	.47341	.68490	9.4192			

#1	.21813	.19821	6.262	.29419	6.0373	4.4152			
#2	.21798	.20183	6.226	.29223	6.0078	4.2842			
#3	.21147	.19884	6.152	.29492	6.0895	3.6858			

Sample Name: K3190-17 Acquired: 6/6/2019 15:54:45 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	3265.7	45390.	4530.5	58.200	3668.1
Stddev	10.1	16.	26.0	1.567	17.2
%RSD	.31024	.03602	.57323	2.6918	.46776
#1	3263.3	45393.	4500.6	58.337	3652.0
#2	3276.9	45372.	4544.8	56.569	3666.2
#3	3257.0	45404.	4546.2	59.693	3686.2

Sample Name: K3190-15A Acquired: 6/6/2019 15:58:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81804	2.0471	1.0144	2.0264	.82536	1.9432	.22516	.20873	.19566
Stddev	.00132	.0052	.0015	.0071	.00066	.0327	.00041	.00006	.00047
%RSD	.16114	.25468	.14797	.35257	.08040	1.6845	.18429	.02810	.24116

#1	.81950	2.0411	1.0138	2.0343	.82576	1.9057	.22470	.20867	.19515
#2	.81769	2.0504	1.0132	2.0246	.82573	1.9581	.22551	.20879	.19576
#3	.81694	2.0498	1.0161	2.0203	.82460	1.9659	.22526	.20873	.19608

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.052	.41648	.21077	.32278	3.1792	.22667	4.4893	.50802	.06953
Stddev	.067	.00106	.00065	.00126	.0044	.00041	.0344	.00122	.00033
%RSD	.44412	.25391	.31024	.38999	.13787	.18300	.76723	.23933	.47219

#1	14.990	.41587	.21021	.32409	3.1843	.22625	4.4862	.50852	.06977
#2	15.123	.41770	.21149	.32268	3.1769	.22708	4.5251	.50663	.06915
#3	15.044	.41587	.21061	.32158	3.1765	.22670	4.4565	.50890	.06965

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	62.506	.30449	.22844	11.804	.43452	.31796	3.7265	3.4728	.70053
Stddev	.231	.00251	.00054	.099	.00137	.01324	.0242	.0029	.00280
%RSD	.36929	.82445	.23664	.84217	.31503	4.1651	.64826	.08444	.39925

#1	62.249	.30687	.22828	11.692	.43585	.33277	3.7063	3.4750	.69737
#2	62.696	.30472	.22799	11.883	.43459	.30726	3.7201	3.4695	.70151
#3	62.573	.30187	.22904	11.836	.43312	.31385	3.7533	3.4740	.70270

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20746	.19452	6.039	.28617	5.9492	5.6021
Stddev	.00200	.00111	.010	.00048	.0767	1.6466
%RSD	.96254	.57316	.1728	.16853	1.2890	29.393

#1	.20518	.19341	6.028	.28589	6.0375	3.7758
#2	.20892	.19452	6.042	.28673	5.9102	6.9732
#3	.20829	.19563	6.048	.28590	5.8998	6.0572

Sample Name: K3190-15A Acquired: 6/6/2019 15:58:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	3260.9	45607.	4549.7	58.195	3679.1
Stddev	14.8	75.	16.8	.716	6.1
%RSD	.45256	.16362	.36998	1.2304	.16483
#1	3245.0	45520.	4530.2	57.375	3676.6
#2	3263.6	45648.	4559.6	58.515	3686.0
#3	3274.1	45652.	4559.1	58.695	3674.7

Sample Name: CCV04 Acquired: 6/6/2019 16:02:53 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3135	5.3442	5.2631	5.2561	5.4395	9.7509	10.182	.27144
Stddev	.0045	.0191	.0173	.0132	.0110	.0747	.041	.00063
%RSD	.08430	.35696	.32916	.25071	.20159	.76637	.40496	.23322
#1	5.3087	5.3363	5.2598	5.2409	5.4410	9.6886	10.148	.27129
#2	5.3141	5.3660	5.2819	5.2633	5.4496	9.7303	10.169	.27090
#3	5.3176	5.3304	5.2477	5.2642	5.4278	9.8338	10.228	.27214
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5344	25.053	1.0110	2.6436	1.3030	5.1880	2.6371	25.938
Stddev	.0050	.133	.0010	.0085	.0017	.0149	.0065	.137
%RSD	.19744	.53248	.10165	.32069	.13279	.28711	.24478	.52753
#1	2.5330	24.899	1.0098	2.6393	1.3012	5.1738	2.6322	25.780
#2	2.5399	25.140	1.0116	2.6533	1.3046	5.1866	2.6346	26.030
#3	2.5302	25.119	1.0115	2.6381	1.3032	5.2035	2.6444	26.003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5704	1.2777	24.655	2.4223	2.6894	25.876	5.4391	4.9508
Stddev	.0039	.0018	.111	.0055	.0058	.103	.0031	.0447
%RSD	.15041	.14344	.44924	.22651	.21631	.39870	.05607	.90334
#1	2.5674	1.2768	24.578	2.4188	2.6872	25.792	5.4355	4.9436
#2	2.5748	1.2766	24.605	2.4195	2.6960	25.845	5.4405	4.9101
#3	2.5691	1.2798	24.782	2.4286	2.6850	25.991	5.4411	4.9986
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1263	5.1176	5.2680	5.1504	4.7068	5.360	5.2435	F 6.3269
Stddev	.0360	.0166	.0165	.0186	.0280	.030	.0271	.0820
%RSD	.70268	.32446	.31351	.36059	.59581	.5552	.51583	1.2964
#1	5.1048	5.1223	5.2675	5.1291	4.6746	5.355	5.2134	6.2324
#2	5.1679	5.1314	5.2847	5.1588	4.7264	5.392	5.2658	6.3681
#3	5.1062	5.0992	5.2517	5.1633	4.7193	5.333	5.2512	6.3801

Sample Name: CCV04 Acquired: 6/6/2019 16:02:53 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15068 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.9923
Stddev	.4598
%RSD	11.518

#1	4.4386
#2	4.0182
#3	3.5201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.6	45084.	4611.2	57.397	3538.4
Stddev	4.5	118.	14.5	1.634	3.9
%RSD	.13868	.26272	.31345	2.8469	.10897

#1	3273.6	45074.	4619.4	59.071	3540.2
#2	3274.9	45207.	4594.5	55.807	3534.0
#3	3266.4	44970.	4619.7	57.313	3541.1

Sample Name: CCB04 Acquired: 6/6/2019 16:06:52 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	.00086	.00053	-.00156	.00159	-.00969	.00046
Stddev	.00122	.00076	.00032	.00177	.00142	.00163	.00068
%RSD	43.473	88.057	60.885	113.40	89.288	16.860	146.92

#1	.00313	.00071	.00045	.00007	.00169	-.00835	.00100
#2	.00147	.00168	.00026	-.00343	.00296	-.01151	-.00030
#3	.00385	.00019	.00089	-.00131	.00012	-.00919	.00069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.00013	-.00015	-.00024	-.00056	.00101
Stddev	.00005	.00002	.00457	.00012	.00026	.00049	.00036
%RSD	88.954	187.24	3390.7	83.854	108.99	87.130	35.477

#1	.00006	.00004	-.00260	-.00008	-.00053	-.00010	.00082
#2	.00011	-.00000	-.00295	-.00008	-.00017	-.00051	.00142
#3	.00001	.00000	.00514	-.00029	-.00002	-.00108	.00078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00101	.00070	-.00048	-.09425	.00006	-.00016
Stddev	.00004	.05413	.00032	.00039	.00365	.00027	.00008
%RSD	56.357	5336.2	45.989	81.087	3.8759	472.77	53.398

#1	.00004	.02855	.00093	-.00048	-.09820	.00007	-.00021
#2	.00010	-.06349	.00033	-.00087	-.09099	-.00022	-.00006
#3	.00004	.03190	.00083	-.00009	-.09356	.00032	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05075	-.00014	-.00610	-.00377	.00485	.00008	-.00089
Stddev	.06258	.00015	.01346	.00142	.00106	.00071	.00050
%RSD	123.30	105.10	220.57	37.675	21.813	941.27	56.693

#1	-.12188	-.00031	-.00479	-.00251	.00553	.00085	-.00057
#2	-.02622	-.00002	-.02018	-.00348	.00538	-.00055	-.00146
#3	-.00416	-.00009	.00665	-.00531	.00363	-.00008	-.00062

Sample Name: CCB04 Acquired: 6/6/2019 16:06:52 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00337	-0.0050	-0.00004	F 4.8244	F<.00000
Stddev	.00422	.0017	.00002	.1986	1.1100
%RSD	124.96	33.16	52.084	4.1163	65.309

#1	.00097	-0.0060	-0.00003	4.8972	-1.8222
#2	-0.00745	-0.0060	-0.00006	4.9763	-.53344
#3	-0.00363	-0.0031	-0.00002	4.5997	-2.7433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.7	47437.	4677.8	60.778	4004.1
Stddev	6.5	112.	17.7	.427	6.1
%RSD	.18894	.23573	.37930	.70247	.15210

#1	3438.4	47355.	4698.0	61.266	4004.1
#2	3447.7	47392.	4670.4	60.473	4010.2
#3	3450.9	47565.	4664.9	60.595	3998.0

Sample Name: PB120397BL Acquired: 6/6/2019 16:11:21 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00260	.00196	-.00011	-.00210	.00077	-.01486	-.00007	.00003
Stddev	.00291	.00052	.00025	.00238	.00083	.01732	.00059	.00006
%RSD	111.66	26.234	232.26	113.55	107.70	116.53	792.44	185.86
#1	.00573	.00231	-.00028	-.00255	.00141	-.03371	.00061	.00009
#2	.00211	.00221	.00018	-.00423	.00106	-.01122	-.00039	-.00004
#3	-.00003	.00137	-.00022	.00048	-.00017	.00035	-.00045	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00935	-.00049	-.00019	-.00091	.00040	.00001	-.00236
Stddev	.00005	.01294	.00014	.00010	.00030	.00036	.00006	.04440
%RSD	258.12	138.39	28.123	55.260	33.192	89.180	614.21	1882.9
#1	.00006	.02267	-.00060	-.00012	-.00062	.00071	.00008	.04619
#2	-.00004	.00858	-.00033	-.00014	-.00088	.00048	-.00004	-.01235
#3	.00004	-.00319	-.00052	-.00031	-.00122	.00001	-.00000	-.04091
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00017	-.10921	-.00009	-.00026	-.05132	-.00024	-.00492
Stddev	.00004	.00033	.00425	.00020	.00006	.02507	.00039	.01211
%RSD	13.166	197.73	3.8922	211.19	20.824	48.860	162.18	246.14
#1	.00031	-.00035	-.10445	-.00018	-.00031	-.03964	-.00047	-.01641
#2	.00025	-.00038	-.11264	.00013	-.00029	-.03421	.00021	.00772
#3	.00032	.00022	-.11053	-.00022	-.00020	-.08010	-.00045	-.00607
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00424	.00395	-.00072	-.00143	-.00305	-.0059	-.00023	F 4.8041
Stddev	.00071	.00197	.00121	.00234	.00058	.0014	.00006	.2606
%RSD	16.805	49.858	169.84	163.67	19.121	23.92	24.928	5.4240
#1	-.00435	.00605	-.00120	-.00067	-.00241	-.0066	-.00019	5.0273
#2	-.00488	.00215	.00067	.00043	-.00355	-.0068	-.00021	4.8672
#3	-.00347	.00365	-.00161	-.00405	-.00320	-.0043	-.00029	4.5177

Sample Name: PB120397BL Acquired: 6/6/2019 16:11:21 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .25500
Stddev	.63889
%RSD	250.54

#1	.58854
#2	-.48163
#3	.65810

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.4	47634.	4702.2	61.855	3992.3
Stddev	12.8	49.	37.5	2.869	6.9
%RSD	.37234	.10282	.79714	4.6375	.17163

#1	3424.6	47690.	4687.9	64.825	3985.8
#2	3447.4	47600.	4674.0	59.100	3991.6
#3	3446.1	47612.	4744.8	61.641	3999.4

Sample Name: PB120397BS Acquired: 6/6/2019 16:15:50 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80032	2.1026	1.0183	2.0636	.84811	1.8865	.20051
Stddev	.00224	.0038	.0025	.0017	.00148	.0126	.00024
%RSD	.27965	.18182	.24732	.08447	.17482	.66830	.12197

#1	.80201	2.1010	1.0179	2.0619	.84743	1.8743	.20067
#2	.79778	2.1069	1.0210	2.0636	.84709	1.8858	.20064
#3	.80116	2.0998	1.0161	2.0654	.84981	1.8995	.20023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21052	.19546	F 1.5351	.40716	.20572	.32525	3.1625
Stddev	.00052	.00013	.0132	.00125	.00053	.00082	.0010
%RSD	.24516	.06550	.86069	.30765	.25729	.25158	.03215

#1	.21111	.19532	1.5319	.40848	.20541	.32512	3.1636
#2	.21018	.19553	1.5497	.40600	.20633	.32613	3.1616
#3	.21026	.19554	1.5238	.40700	.20542	.32451	3.1625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21287	2.0184	.50494	.07318	2.8404	.29183	.20595
Stddev	.00031	.0298	.00150	.00038	.0123	.00027	.00055
%RSD	.14702	1.4786	.29615	.51626	.43317	.09105	.26485

#1	.21277	2.0519	.50482	.07307	2.8425	.29155	.20580
#2	.21262	1.9945	.50650	.07360	2.8271	.29189	.20656
#3	.21322	2.0088	.50352	.07286	2.8514	.29207	.20550

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9850	.43454	.28427	F -.00325	.90645	.71798	.20614
Stddev	.0326	.00014	.01014	.00474	.00753	.00051	.00196
%RSD	.32636	.03321	3.5672	145.94	.83118	.07110	.95092

#1	9.9484	.43463	.27523	.00051	.89871	.71773	.20819
#2	9.9957	.43438	.29523	-.00168	.90689	.71857	.20595
#3	10.011	.43463	.28236	-.00858	.91375	.71764	.20428

Sample Name: PB120397BS Acquired: 6/6/2019 16:15:50 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19033	5.836	.20538	F 4.9021	F 8.6768
Stddev	.00102	.008	.00072	.0931	.7555
%RSD	.53655	.1320	.35167	1.8994	8.7072
#1	.19066	5.837	.20485	4.9608	9.5189
#2	.19114	5.827	.20620	4.9507	8.4531
#3	.18918	5.843	.20508	4.7947	8.0585
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.3	46849.	4652.0	59.025	3894.5
Stddev	4.8	170.	22.4	1.384	2.2
%RSD	.14125	.36362	.48228	2.3441	.05572
#1	3401.0	46655.	4632.1	57.461	3892.4
#2	3410.3	46977.	4647.5	60.091	3894.4
#3	3407.6	46913.	4676.3	59.523	3896.7

Sample Name: K3180-01 Acquired: 6/6/2019 16:19:59 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00889	.00120	.24268	.00302	.00598	8.6971	.27860	.00117
Stddev	.00138	.00130	.00074	.00224	.00116	.0724	.00170	.00009
%RSD	15.486	107.77	.30513	74.191	19.456	.83291	.61041	8.0307
#1	.00814	.00076	.24251	.00351	.00709	8.6171	.27676	.00107
#2	.00806	.00018	.24203	.00058	.00607	8.7159	.27892	.00125
#3	.01048	.00266	.24349	.00498	.00477	8.7582	.28012	.00121
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	132.67	.02818	.01103	.17547	38.488	.71614	17.910
Stddev	.00006	.74	.00087	.00006	.00049	.093	.00118	.112
%RSD	158.10	.55984	3.0751	.57937	.27936	.24212	.16515	.62298
#1	.00011	133.18	.02741	.01097	.17599	38.391	.71694	17.820
#2	-.00001	131.82	.02802	.01109	.17502	38.497	.71478	17.875
#3	.00001	133.01	.02912	.01102	.17541	38.577	.71670	18.035
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02445	-.00119	60.024	.02359	.98837	11.677	.00623	.09406
Stddev	.00031	.00041	.411	.00029	.00317	.084	.00033	.00310
%RSD	1.2771	34.016	.68405	1.2477	.32118	.72254	5.2992	3.2922
#1	.02410	-.00102	59.791	.02328	.98911	11.613	.00648	.09272
#2	.02469	-.00166	59.783	.02363	.98489	11.645	.00586	.09761
#3	.02457	-.00090	60.499	.02387	.99110	11.772	.00635	.09187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.132	F 16.844	-.00139	.36859	.04337	3.661	.39578	4.9025
Stddev	.068	.073	.00067	.00127	.00173	.007	.00306	.0560
%RSD	.33608	.43574	48.029	.34453	3.9873	.1926	.77272	1.1421
#1	20.127	16.922	-.00065	.36828	.04143	3.664	.39676	4.9632
#2	20.068	16.833	-.00195	.36750	.04391	3.653	.39235	4.8913
#3	20.203	16.776	-.00158	.36999	.04476	3.666	.39823	4.8529

Sample Name: K3180-01 Acquired: 6/6/2019 16:19:59 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	48.934
Stddev	1.194
%RSD	2.4390

#1	50.248
#2	48.636
#3	47.917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.8	45232.	4768.4	60.377	3544.7
Stddev	8.2	106.	22.0	1.950	16.1
%RSD	.25347	.23357	.46101	3.2290	.45340

#1	3216.1	45344.	4743.1	58.352	3530.8
#2	3232.3	45219.	4783.3	62.242	3562.3
#3	3226.0	45134.	4778.7	60.537	3540.9

Sample Name: K3180-02 Acquired: 6/6/2019 16:24:24 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15068 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	.00316	.05578	-.00264	.00311	1.1876	.06683	.00033
Stddev	.00419	.00017	.00142	.00449	.00101	.0111	.00084	.00007
%RSD	122.10	5.4646	2.5473	169.70	32.371	.93741	1.2518	21.994

#1	.00370	.00302	.05506	-.00088	.00352	1.1817	.06652	.00035
#2	-.00089	.00335	.05742	.00069	.00196	1.2005	.06778	.00025
#3	.00747	.00310	.05487	-.00774	.00384	1.1807	.06620	.00039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	85.804	.00569	.00219	.02897	6.9346	.23795	6.7438
Stddev	.00005	.761	.00046	.00014	.00028	.0174	.00090	.1003
%RSD	80.357	.88637	8.1177	6.4383	.97399	.25042	.37662	1.4879

#1	-.00009	84.943	.00597	.00226	.02883	6.9321	.23723	6.6474
#2	-.00000	86.089	.00595	.00203	.02930	6.9530	.23766	6.8477
#3	-.00010	86.381	.00516	.00228	.02879	6.9185	.23895	6.7364

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00677	-.00092	213.23	.00482	.34799	11.208	.00338	.03585
Stddev	.00025	.00030	1.26	.00038	.00026	.054	.00019	.00327
%RSD	3.6779	32.957	.58862	7.9088	.07567	.47766	5.4921	9.1093

#1	.00650	-.00116	212.63	.00482	.34826	11.230	.00349	.03344
#2	.00684	-.00102	214.67	.00520	.34798	11.247	.00316	.03455
#3	.00699	-.00058	212.38	.00444	.34774	11.147	.00348	.03957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4578	6.6408	-.00027	.05369	.01132	1.318	.39280	5.9091
Stddev	.0097	.0420	.00103	.00096	.00171	.009	.00341	.1969
%RSD	.17715	.63318	388.99	1.7945	15.077	.6519	.86823	3.3319

#1	5.4676	6.6172	.00073	.05402	.01238	1.325	.38894	5.7471
#2	5.4483	6.6159	-.00020	.05261	.01223	1.321	.39408	5.8518
#3	5.4576	6.6894	-.00133	.05445	.00935	1.309	.39539	6.1282

Sample Name: K3180-02 Acquired: 6/6/2019 16:24:24 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15068 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0540
 Stddev .8177
 %RSD 77.580

#1 1.9623
 #2 .37663
 #3 .82305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.7	43440.	4620.3	58.567	3441.2
Stddev	7.1	171.	35.1	1.642	9.9
%RSD	.22396	.39401	.76060	2.8031	.28831

#1	3168.2	43601.	4655.9	57.972	3439.5
#2	3167.3	43261.	4619.4	60.423	3432.2
#3	3155.5	43458.	4585.6	57.305	3451.8

Sample Name: K3182-07 Acquired: 6/6/2019 16:28:44 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00603	.00244	.01325	.00050	-.00022	.12701	.59088	.00016
Stddev	.00196	.00099	.00051	.00097	.00170	.01577	.00469	.00003
%RSD	32.544	40.428	3.8600	193.67	789.73	12.419	.79391	16.567
#1	.00829	.00208	.01288	.00152	.00072	.11271	.58789	.00013
#2	.00502	.00355	.01384	.00042	.00081	.14393	.58846	.00018
#3	.00478	.00168	.01305	-.00043	-.00218	.12438	.59629	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	73.689	.00108	.00096	.00111	.68425	.38085	61.143
Stddev	.00003	.352	.00033	.00024	.00035	.00216	.00049	.550
%RSD	41.527	.47795	30.806	25.429	31.181	.31501	.12849	.89983
#1	-.00009	73.799	.00113	.00108	.00144	.68374	.38036	60.625
#2	-.00004	73.974	.00073	.00111	.00114	.68239	.38134	61.084
#3	-.00007	73.295	.00139	.00068	.00075	.68661	.38085	61.721
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01101	-.00067	25.586	-.00047	.02881	5.8366	.00391	.27028
Stddev	.00023	.00034	.147	.00007	.00005	.0206	.00005	.00774
%RSD	2.0939	49.961	.57487	15.355	.17829	.35274	1.3987	2.8631
#1	.01078	-.00086	25.481	-.00044	.02886	5.8152	.00389	.27185
#2	.01100	-.00029	25.523	-.00041	.02876	5.8563	.00397	.27711
#3	.01124	-.00087	25.754	-.00055	.02880	5.8383	.00387	.26187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.272	F 15.759	-.01777	.00445	.00295	.0864	.56874	5.2826
Stddev	.062	.112	.00068	.00205	.00080	.0024	.00118	.2554
%RSD	.13420	.71369	3.8032	46.146	27.085	2.754	.20831	4.8343
#1	46.212	15.814	-.01837	.00318	.00203	.0840	.56838	5.5411
#2	46.336	15.834	-.01789	.00335	.00334	.0888	.57007	5.2764
#3	46.268	15.630	-.01704	.00682	.00347	.0865	.56779	5.0304

Sample Name: K3182-07 Acquired: 6/6/2019 16:28:44 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.2892
%RSD	219.93

#1	-2.0724
#2	.08307
#3	.23076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.0	44499.	4661.7	58.543	3615.7
Stddev	10.6	166.	37.0	1.523	5.6
%RSD	.32944	.37227	.79410	2.6021	.15490

#1	3228.8	44411.	4626.0	58.694	3622.1
#2	3217.3	44690.	4659.1	56.950	3611.8
#3	3207.7	44395.	4699.9	59.985	3613.3

Sample Name: K3187-01 Acquired: 6/6/2019 16:33:06 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00064	.00185	.06174	-.00158	-.00019	.02117	.00161	.00004
Stddev	.00216	.00105	.00061	.00324	.00147	.00492	.00054	.00001
%RSD	334.52	56.467	.98145	205.47	764.94	23.252	33.423	18.146

#1	.00293	.00262	.06109	-.00531	.00125	.02271	.00119	.00004
#2	-.00135	.00066	.06184	.00061	-.00170	.02514	.00141	.00003
#3	.00036	.00227	.06229	-.00004	-.00012	.01566	.00221	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.12293	.00056	-.00003	.00365	.02467	.00185	.02681
Stddev	.00000	.00233	.00026	.00016	.00022	.00026	.00010	.04404
%RSD	3.7149	1.8916	46.182	514.75	6.0405	1.0353	5.2515	164.22

#1	.00007	.12082	.00068	-.00022	.00391	.02496	.00174	-.00612
#2	.00007	.12253	.00073	.00009	.00357	.02458	.00189	.07683
#3	.00007	.12542	.00026	.00003	.00349	.02447	.00191	.00974

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00225	.00011	-.08620	-.00007	.04077	-.06015	-.00062	-.00520
Stddev	.00038	.00018	.00309	.00013	.00023	.01749	.00055	.02141
%RSD	16.881	159.80	3.5845	192.89	.57024	29.088	90.084	411.64

#1	.00214	.00001	-.08275	-.00012	.04089	-.06554	-.00011	.00550
#2	.00267	.00001	-.08872	.00008	.04091	-.04059	-.00052	-.02985
#3	.00193	.00033	-.08713	-.00017	.04050	-.07431	-.00121	.00875

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02112	.01243	-.00124	-.00016	-.00685	-.0030	-.00002	3.4010
Stddev	.00270	.00146	.00073	.00065	.00263	.0011	.00002	.2785
%RSD	12.780	11.752	59.278	408.04	38.402	35.43	106.35	8.1884

#1	.02040	.01402	-.00181	-.00021	-.00579	-.0041	-.00001	3.6049
#2	.02411	.01212	-.00149	.00051	-.00492	-.0020	-.00004	3.0837
#3	.01886	.01114	-.00041	-.00079	-.00985	-.0028	-.00000	3.5143

Sample Name: K3187-01 Acquired: 6/6/2019 16:33:06 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6712
 Stddev .4621
 %RSD 17.300

#1 2.1421
 #2 2.9957
 #3 2.8757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.5	47582.	4752.7	59.889	4021.6
Stddev	7.3	183.	16.3	1.151	5.1
%RSD	.21349	.38432	.34222	1.9214	.12700

#1	3421.7	47719.	4757.1	60.202	4017.0
#2	3407.5	47654.	4766.2	60.850	4020.7
#3	3417.4	47375.	4734.6	58.614	4027.1

Sample Name: K3194-01 Acquired: 6/6/2019 16:37:33 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00242	.01616	.00138	.01718	.60556	.03083
Stddev	.00190	.00197	.00039	.00219	.00114	.00408	.00044
%RSD	88.105	81.332	2.3896	158.76	6.6540	.67340	1.4283

#1	.00090	.00275	.01580	.00289	.01810	.60699	.03039
#2	.00434	.00031	.01612	.00238	.01755	.60096	.03127
#3	.00123	.00420	.01657	-.00113	.01590	.60873	.03084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00046	12.280	.00463	.00177	.04774	1.8097
Stddev	.00007	.00008	.079	.00033	.00035	.00044	.0029
%RSD	44.103	18.183	.64723	7.2009	19.947	.92512	.15982

#1	.00008	.00052	12.194	.00426	.00172	.04752	1.8127
#2	.00021	.00036	12.294	.00473	.00145	.04745	1.8070
#3	.00018	.00049	12.352	.00490	.00215	.04825	1.8093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07192	2.6103	.00835	-.00012	391.93	.00046	.37137
Stddev	.00029	.0519	.00028	.00059	3.30	.00020	.00008
%RSD	.40754	1.9865	3.3261	505.89	.84130	43.159	.02156

#1	.07159	2.5671	.00830	-.00080	394.31	.00059	.37145
#2	.07199	2.5959	.00865	.00020	388.17	.00023	.37129
#3	.07217	2.6678	.00810	.00025	393.32	.00055	.37136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6796	.01283	.09496	F 115.16	F 15.123	-.01825	.00247
Stddev	.0810	.00016	.02471	.07	.136	.00126	.00147
%RSD	.83731	1.2456	26.023	.06120	.89964	6.9291	59.778

#1	9.6907	.01292	.12071	115.22	14.985	-.01968	.00084
#2	9.7545	.01265	.09272	115.17	15.126	-.01727	.00372
#3	9.5935	.01293	.07144	115.08	15.257	-.01781	.00283

Sample Name: K3194-01 Acquired: 6/6/2019 16:37:33 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01218	2.080	.06506	6.3363	F<.00000
Stddev	.00114	.005	.00029	.1830	.13187
%RSD	9.3989	.2499	.44141	2.8885	1.4530
#1	.01091	2.080	.06478	6.1556	-9.1423
#2	.01248	2.075	.06536	6.3318	-8.9241
#3	.01314	2.086	.06503	6.5215	-9.1616
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.5	42217.	4558.3	57.165	3347.5
Stddev	12.1	106.	44.9	2.213	6.1
%RSD	.38862	.25007	.98473	3.8713	.18349
#1	3093.7	42301.	4594.8	57.623	3351.6
#2	3115.4	42252.	4571.9	59.114	3350.5
#3	3095.5	42099.	4508.1	54.759	3340.5

Sample Name: K3194-01DUP Acquired: 6/6/2019 16:42:01 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	.00292	.01643	-.00072	.01768	.62392	.03145
Stddev	.00114	.00027	.00034	.00063	.00069	.00431	.00012
%RSD	63.858	9.3608	2.0620	86.868	3.9146	.69118	.39414

#1	.00274	.00319	.01670	-.00056	.01760	.62337	.03139
#2	.00211	.00264	.01605	-.00019	.01703	.61990	.03136
#3	.00052	.00293	.01653	-.00142	.01841	.62847	.03159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00039	12.253	.00438	.00180	.04710	1.7111
Stddev	.00006	.00005	.078	.00013	.00011	.00017	.0040
%RSD	32.662	13.329	.64035	2.8840	5.9904	.36294	.23567

#1	.00012	.00045	12.203	.00424	.00177	.04701	1.7133
#2	.00017	.00036	12.214	.00449	.00192	.04698	1.7065
#3	.00023	.00036	12.344	.00441	.00171	.04729	1.7136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07203	2.4741	.00801	-.00026	392.05	.00037	.37239
Stddev	.00030	.0750	.00044	.00020	2.92	.00038	.00116
%RSD	.41890	3.0307	5.4675	76.184	.74395	102.58	.31092

#1	.07179	2.5310	.00751	-.00037	388.89	.00067	.37305
#2	.07194	2.3891	.00831	-.00038	392.64	.00049	.37105
#3	.07237	2.5021	.00821	-.00003	394.63	-.00006	.37306

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7965	.01267	.09068	F 115.76	F 15.146	-.02448	.00473
Stddev	.0552	.00025	.00482	.14	.021	.00066	.00220
%RSD	.56327	1.9481	5.3206	.11989	.13890	2.6900	46.479

#1	9.8574	.01294	.09497	115.91	15.134	-.02502	.00625
#2	9.7498	.01246	.08546	115.64	15.133	-.02375	.00221
#3	9.7822	.01262	.09162	115.73	15.170	-.02468	.00573

Sample Name: K3194-01DUP Acquired: 6/6/2019 16:42:01 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01350	2.091	.06575	6.3553	F<.00000
Stddev	.00039	.004	.00020	.2057	.50124
%RSD	2.9193	.1793	.29992	3.2365	5.9144
#1	.01387	2.087	.06598	6.1318	-7.9304
#2	.01308	2.092	.06567	6.3972	-8.9172
#3	.01354	2.094	.06561	6.5368	-8.5768
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.5	41999.	4554.8	57.396	3340.6
Stddev	13.2	112.	11.6	2.866	6.2
%RSD	.42749	.26678	.25523	4.9925	.18600
#1	3071.9	42116.	4563.3	59.861	3335.6
#2	3098.2	41987.	4559.6	54.252	3338.6
#3	3083.6	41893.	4541.6	58.075	3347.5

Sample Name: K3194-01LX5 Acquired: 6/6/2019 16:46:30 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00231	.00266	.00335	-.00096	.00534	.10706	.00551	.00009
Stddev	.00200	.00127	.00103	.00062	.00044	.00207	.00035	.00005
%RSD	86.501	47.844	30.687	64.431	8.3190	1.9290	6.3998	54.217
#1	.00364	.00234	.00448	-.00053	.00565	.10470	.00578	.00015
#2	.00328	.00407	.00309	-.00068	.00555	.10853	.00511	.00006
#3	.00001	.00158	.00247	-.00168	.00483	.10796	.00564	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	2.4953	.00302	.00023	.00955	.35759	.01468	.45633
Stddev	.00004	.0345	.00008	.00019	.00024	.00105	.00005	.04844
%RSD	50.275	1.3818	2.5899	81.099	2.4765	.29378	.34200	10.616
#1	.00008	2.4634	.00305	.00031	.00934	.35640	.01466	.41498
#2	.00013	2.5319	.00307	.00002	.00980	.35795	.01474	.44438
#3	.00005	2.4904	.00293	.00036	.00950	.35841	.01464	.50964
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00010	77.311	.00010	.07402	2.0714	.00261	.00234
Stddev	.00060	.00031	.409	.00038	.00003	.0470	.00036	.02017
%RSD	18.882	318.21	.52882	380.52	.03926	2.2697	13.818	861.24
#1	.00258	.00038	76.840	.00027	.07405	2.0226	.00229	-.00013
#2	.00379	-.00024	77.510	.00036	.07399	2.1164	.00253	-.01648
#3	.00319	.00016	77.581	-.00034	.07401	2.0751	.00300	.02364
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.180	3.2008	-.00413	.00026	.00462	.3960	.01334	4.6224
Stddev	.128	.0195	.00072	.00143	.00103	.0028	.00010	.2119
%RSD	.57748	.60992	17.500	549.93	22.281	.7115	.77742	4.5833
#1	22.280	3.1977	-.00427	.00173	.00475	.3928	.01324	4.8625
#2	22.036	3.1830	-.00335	.00019	.00353	.3982	.01345	4.5430
#3	22.224	3.2217	-.00478	-.00114	.00558	.3970	.01332	4.4617

Sample Name: K3194-01LX5 Acquired: 6/6/2019 16:46:30 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1813
%RSD 142.58

#1 -.01785
#2 -2.1838
#3 -.28376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.5	44527.	4645.6	57.903	3652.2
Stddev	8.8	53.	17.9	.454	18.9
%RSD	.27188	.11920	.38562	.78479	.51620

#1	3234.4	44479.	4635.2	57.936	3633.2
#2	3248.6	44517.	4666.3	58.340	3670.9
#3	3250.5	44584.	4635.3	57.433	3652.4

Sample Name: K3194-01MS Acquired: 6/6/2019 16:50:54 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83644	1.9762	1.0228	2.1067	.85413	2.6729	.24146
Stddev	.00513	.0024	.0012	.0034	.00324	.0110	.00064
%RSD	.61315	.12022	.11608	.16224	.37884	.41038	.26667

#1	.83882	1.9773	1.0237	2.1091	.85716	2.6608	.24111
#2	.83056	1.9778	1.0214	2.1028	.85072	2.6822	.24107
#3	.83996	1.9735	1.0232	2.1082	.85451	2.6756	.24221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21742	.19861	14.490	.40256	.20976	.35959	4.8290
Stddev	.00029	.00022	.081	.00096	.00033	.00059	.0096
%RSD	.13313	.11077	.55593	.23938	.15556	.16417	.19948

#1	.21714	.19837	14.552	.40290	.20939	.36023	4.8343
#2	.21772	.19864	14.399	.40330	.21000	.35947	4.8179
#3	.21741	.19881	14.520	.40147	.20989	.35907	4.8349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27718	4.8026	.51426	.07343	422.26	.29250	.58823
Stddev	.00014	.0647	.00147	.00052	4.06	.00178	.00160
%RSD	.04900	1.3471	.28546	.70799	.96046	.60899	.27224

#1	.27707	4.7715	.51426	.07403	426.13	.29302	.58943
#2	.27715	4.8770	.51572	.07306	422.60	.29397	.58886
#3	.27733	4.7593	.51278	.07321	418.04	.29052	.58641

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.960	.42903	.38800	F 123.06	F 17.049	.67111	.20660
Stddev	.064	.00092	.02634	.09	.033	.00354	.00587
%RSD	.30609	.21461	6.7895	.07614	.19232	.52767	2.8402

#1	20.976	.43007	.38216	123.11	17.083	.66703	.20483
#2	20.890	.42872	.36506	123.12	17.047	.67331	.20183
#3	21.016	.42831	.41677	122.95	17.018	.67300	.21315

Sample Name: K3194-01MS Acquired: 6/6/2019 16:50:54 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20772	8.735	.26882	6.1492	F<.00000
Stddev	.00184	.007	.00081	.1383	.81340
%RSD	.88819	.0803	.30064	2.2493	59.572
#1	.20982	8.743	.26847	5.9931	-.56004
#2	.20696	8.729	.26825	6.2564	-2.1866
#3	.20638	8.733	.26975	6.1982	-1.3496
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.8	42039.	4503.9	56.362	3318.3
Stddev	7.6	36.	4.9	2.196	6.8
%RSD	.24489	.08584	.10854	3.8954	.20613
#1	3081.3	42079.	4506.1	58.413	3315.3
#2	3095.8	42026.	4498.4	56.626	3313.6
#3	3092.3	42011.	4507.4	54.046	3326.2

Sample Name: CCV05 Acquired: 6/6/2019 17:03:14 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2558	5.2384	5.1497	5.2473	5.4181	9.7816	10.163	.26720
Stddev	.0168	.0154	.0067	.0108	.0060	.0333	.013	.00085
%RSD	.31909	.29421	.12930	.20622	.11160	.34045	.12329	.31671
#1	5.2640	5.2527	5.1426	5.2376	5.4152	9.7554	10.163	.26685
#2	5.2365	5.2220	5.1507	5.2454	5.4140	9.8191	10.175	.26817
#3	5.2669	5.2404	5.1558	5.2590	5.4250	9.7703	10.150	.26659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4922	24.407	.99702	2.5866	1.2883	5.1043	2.5730	25.384
Stddev	.0022	.096	.00165	.0011	.0010	.0043	.0051	.333
%RSD	.08716	.39322	.16555	.04083	.07948	.08338	.19795	1.3100
#1	2.4919	24.297	.99573	2.5867	1.2874	5.1077	2.5685	25.387
#2	2.4946	24.449	.99888	2.5855	1.2894	5.1056	2.5785	25.715
#3	2.4903	24.475	.99645	2.5876	1.2881	5.0995	2.5719	25.050
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5203	1.2638	24.471	2.3973	2.6367	25.552	5.3314	4.8804
Stddev	.0011	.0022	.084	.0010	.0024	.067	.0060	.0536
%RSD	.04467	.17470	.34352	.03996	.08914	.26220	.11165	1.0978
#1	2.5215	1.2614	24.502	2.3963	2.6371	25.545	5.3337	4.8457
#2	2.5203	1.2658	24.536	2.3982	2.6342	25.622	5.3247	4.9421
#3	2.5192	1.2643	24.376	2.3973	2.6388	25.488	5.3359	4.8534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1147	4.9355	5.1395	5.0743	4.7382	5.320	5.2056	5.4292
Stddev	.0087	.0323	.0118	.0192	.0385	.019	.0290	.1336
%RSD	.17011	.65488	.23057	.37744	.81317	.3570	.55637	2.4611
#1	5.1046	4.9190	5.1327	5.0579	4.7604	5.340	5.1982	5.3416
#2	5.1194	4.9148	5.1325	5.0697	4.6937	5.302	5.1810	5.5830
#3	5.1199	4.9728	5.1531	5.0954	4.7604	5.316	5.2375	5.3630

Sample Name: CCV05 Acquired: 6/6/2019 17:03:14 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6.2904
Stddev	1.4592
%RSD	23.197

#1	7.7422
#2	4.8240
#3	6.3050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.6	44728.	4630.4	57.176	3521.6
Stddev	6.2	254.	33.3	1.113	6.3
%RSD	.19248	.56782	.71926	1.9474	.17958

#1	3233.3	44443.	4608.0	56.736	3514.8
#2	3245.7	44814.	4668.6	58.442	3527.3
#3	3239.8	44929.	4614.4	56.350	3522.8

Sample Name: CCB05 Acquired: 6/6/2019 17:07:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00308	.00411	.00069	.00132	.00109	-.01697	.00027	.00013
Stddev	.00119	.00016	.00048	.00346	.00031	.00698	.00032	.00007
%RSD	38.531	3.8179	69.296	262.17	28.305	41.131	118.79	50.783
#1	.00197	.00410	.00014	.00526	.00139	-.01817	.00002	.00016
#2	.00433	.00397	.00098	-.00120	.00078	-.02328	.00063	.00006
#3	.00293	.00428	.00095	-.00011	.00109	-.00947	.00016	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00038	-.00018	.00009	-.00066	.00124	.00009	-.03874
Stddev	.00006	.01235	.00035	.00021	.00051	.00016	.00007	.06604
%RSD	47.097	3234.8	195.40	244.18	77.513	12.999	80.694	170.48
#1	.00007	.00490	-.00008	.00012	-.00031	.00137	.00008	-.02288
#2	.00018	.00984	.00011	.00027	-.00042	.00130	.00002	.01793
#3	.00011	-.01359	-.00057	-.00014	-.00125	.00106	.00016	-.11126
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	-.00014	-.05953	.00042	-.00016	-.03287	.00040	.00200
Stddev	.00011	.00047	.00350	.00040	.00009	.01499	.00009	.01075
%RSD	10.462	325.97	5.8810	93.791	55.318	45.603	21.707	537.01
#1	.00100	-.00009	-.05831	.00029	-.00026	-.03881	.00031	-.00439
#2	.00113	.00030	-.06348	.00011	-.00011	-.04399	.00040	.01442
#3	.00092	-.00064	-.05680	.00087	-.00011	-.01582	.00049	-.00402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00727	.00630	-.00010	-.00063	-.00127	-.0020	.00007	F 3.9105
Stddev	.00359	.00204	.00028	.00251	.00132	.0001	.00008	.2637
%RSD	49.373	32.429	271.24	397.51	103.94	7.497	118.67	6.7428
#1	.01066	.00716	.00015	-.00304	-.00043	-.0018	.00001	4.1204
#2	.00351	.00778	-.00006	-.00082	-.00278	-.0021	.00017	3.9965
#3	.00764	.00397	-.00041	.00197	-.00059	-.0021	.00003	3.6146

Sample Name: CCB05 Acquired: 6/6/2019 17:07:49 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1177
Stddev	1.3117
%RSD	61.938

#1	.81778
#2	3.4408
#3	2.0946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.1	46880.	4724.6	60.091	3953.5
Stddev	6.3	238.	27.1	.364	9.6
%RSD	.18533	.50832	.57384	.60525	.24353

#1	3374.8	46605.	4693.4	59.745	3942.5
#2	3385.5	47026.	4742.6	60.057	3957.9
#3	3385.9	47009.	4737.7	60.470	3960.1

Sample Name: K3194-01MSD Acquired: 6/6/2019 17:12:19 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84342	1.9869	1.0293	2.1295	.85898	2.6574	.24017
Stddev	.00406	.0067	.0019	.0067	.00233	.0130	.00169
%RSD	.48147	.33949	.18114	.31269	.27181	.48872	.70306

#1	.84514	1.9941	1.0303	2.1227	.85651	2.6717	.23845
#2	.83878	1.9858	1.0271	2.1360	.85926	2.6464	.24024
#3	.84634	1.9807	1.0304	2.1298	.86116	2.6540	.24183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21895	.19913	14.580	.40375	.21136	.36060	4.8589
Stddev	.00020	.00009	.059	.00120	.00049	.00054	.0041
%RSD	.09361	.04632	.40229	.29676	.23163	.14867	.08518

#1	.21916	.19923	14.555	.40498	.21090	.36006	4.8633
#2	.21894	.19912	14.647	.40371	.21130	.36060	4.8583
#3	.21875	.19905	14.538	.40258	.21187	.36113	4.8551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27871	4.7658	.51529	.07339	424.64	.29269	.58854
Stddev	.00018	.0640	.00031	.00064	1.30	.00030	.00208
%RSD	.06440	1.3432	.06107	.87186	.30558	.10217	.35389

#1	.27876	4.6925	.51558	.07337	423.80	.29235	.59094
#2	.27886	4.8109	.51532	.07403	423.99	.29284	.58719
#3	.27851	4.7939	.51496	.07275	426.13	.29289	.58748

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.998	.43247	.40532	F 122.91	F 17.155	.67342	.20427
Stddev	.019	.00205	.01458	.22	.090	.00141	.00096
%RSD	.09042	.47371	3.5961	.18144	.52395	.20944	.46839

#1	20.993	.43023	.39230	123.10	17.122	.67505	.20455
#2	20.982	.43296	.42107	122.96	17.257	.67254	.20506
#3	21.019	.43424	.40259	122.66	17.087	.67267	.20320

Sample Name: K3194-01MSD Acquired: 6/6/2019 17:12:19 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20721	8.750	.26868	6.4743	F<.00000
Stddev	.00150	.009	.00135	.0617	.34330
%RSD	.72374	.1015	.50290	.95296	18.936

#1	.20868	8.759	.26739	6.5329	-1.5729
#2	.20569	8.751	.27009	6.4099	-1.6597
#3	.20727	8.741	.26857	6.4802	-2.2062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3088.5	42269.	4514.4	57.386	3329.7
Stddev	1.5	108.	36.2	.873	13.2
%RSD	.04972	.25634	.80194	1.5211	.39516

#1	3086.8	42379.	4537.4	58.378	3314.7
#2	3089.8	42162.	4472.7	56.734	3338.9
#3	3088.8	42265.	4533.3	57.047	3335.6

Sample Name: K3194-01A Acquired: 6/6/2019 17:16:35 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83167	1.9708	1.0231	2.1153	.85414	2.6148	.23896
Stddev	.00292	.0036	.0033	.0074	.00280	.0108	.00166
%RSD	.35103	.18398	.32206	.34904	.32818	.41289	.69534

#1	.83110	1.9741	1.0231	2.1067	.85324	2.6133	.23939
#2	.82908	1.9713	1.0198	2.1193	.85189	2.6049	.23712
#3	.83483	1.9669	1.0264	2.1198	.85728	2.6263	.24036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21738	.19760	14.471	.39953	.21018	.35724	4.8167
Stddev	.00049	.00026	.052	.00033	.00097	.00074	.0143
%RSD	.22355	.12967	.36197	.08212	.46243	.20788	.29678

#1	.21794	.19741	14.531	.39990	.21101	.35700	4.8313
#2	.21716	.19750	14.441	.39928	.20911	.35807	4.8162
#3	.21704	.19790	14.441	.39941	.21043	.35664	4.8027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27702	4.7141	.51434	.07206	416.70	.29013	.58514
Stddev	.00052	.0758	.00145	.00076	3.84	.00184	.00034
%RSD	.18815	1.6077	.28241	1.0603	.92043	.63572	.05830

#1	.27732	4.7419	.51572	.07281	416.42	.29138	.58549
#2	.27642	4.7720	.51282	.07210	420.66	.29100	.58481
#3	.27731	4.6283	.51448	.07128	413.00	.28801	.58511

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.936	.42974	.39418	F 122.43	F 17.013	.67035	.20548
Stddev	.132	.00113	.02606	.09	.125	.00118	.00100
%RSD	.63213	.26331	6.6111	.07601	.73275	.17569	.48823

#1	20.962	.42961	.42027	122.53	16.963	.67080	.20543
#2	20.792	.43093	.36815	122.42	17.155	.67123	.20450
#3	21.053	.42868	.39414	122.35	16.922	.66901	.20650

Sample Name: K3194-01A Acquired: 6/6/2019 17:16:35 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20274	8.694	.26663	6.7790	F<.00000
Stddev	.00368	.019	.00082	.1284	.44557
%RSD	1.8160	.2188	.30761	1.8947	42.238

#1	.19868	8.696	.26568	6.6417	-.72269
#2	.20586	8.674	.26712	6.8962	-1.5612
#3	.20368	8.712	.26708	6.7992	-.88076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.3	42108.	4490.6	56.933	3305.4
Stddev	6.0	125.	40.6	1.511	2.3
%RSD	.19692	.29753	.90417	2.6544	.07064

#1	3070.9	41984.	4498.7	57.608	3305.6
#2	3058.9	42105.	4446.5	55.202	3302.9
#3	3066.1	42234.	4526.5	57.989	3307.6

Sample Name: K3190-02 Acquired: 6/6/2019 17:20:50 Type: Unk

Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: BP-TT-MW201D Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	.00036	.01534	.00488	.00196	3.0817	.10316	.00048
Stddev	.00159	.00139	.00027	.00134	.00113	.0070	.00059	.00003
%RSD	33.496	384.56	1.7435	27.501	57.524	.22698	.57541	6.4614
#1	.00555	-.00054	.01564	.00424	.00172	3.0789	.10252	.00045
#2	.00577	.00196	.01514	.00642	.00319	3.0766	.10370	.00049
#3	.00291	-.00034	.01523	.00398	.00098	3.0897	.10327	.00051
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	17.113	.01197	.00689	.01826	5.4976	.72129	4.4987
Stddev	.00008	.138	.00035	.00006	.00036	.0083	.00045	.0542
%RSD	122.55	.80346	2.9290	.81504	1.9863	.15051	.06264	1.2039
#1	-.00014	16.957	.01232	.00686	.01863	5.4943	.72165	4.4362
#2	.00002	17.166	.01199	.00696	.01827	5.5071	.72143	4.5313
#3	-.00008	17.216	.01162	.00687	.01790	5.4916	.72078	4.5286
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00893	-.00038	73.984	.01316	.03118	3.3647	.00091	.03676
Stddev	.00040	.00061	.164	.00010	.00012	.0495	.00029	.01094
%RSD	4.4802	159.87	.22200	.73588	.37905	1.4715	32.040	29.761
#1	.00853	-.00032	74.059	.01313	.03131	3.3200	.00062	.02416
#2	.00893	-.00103	74.097	.01327	.03111	3.3561	.00091	.04228
#3	.00933	.00019	73.795	.01309	.03111	3.4179	.00120	.04384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.606	9.9990	-.00487	.11218	.00569	.0673	.11741	5.5288
Stddev	.071	.0291	.00114	.00098	.00087	.0022	.00037	.0957
%RSD	.45319	.29109	23.315	.87305	15.325	3.236	.31607	1.7315
#1	15.648	9.9862	-.00582	.11265	.00486	.0665	.11704	5.4685
#2	15.524	10.032	-.00518	.11284	.00660	.0698	.11740	5.6392
#3	15.645	9.9785	-.00361	.11106	.00562	.0656	.11779	5.4787

Sample Name: K3190-02 Acquired: 6/6/2019 17:20:50 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-MW201D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5339
Stddev	1.0093
%RSD	18.238

#1	4.7399
#2	5.1921
#3	6.6697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.8	44706.	4566.7	57.501	3612.0
Stddev	6.5	304.	35.9	.754	11.1
%RSD	.20413	.67913	.78619	1.3105	.30636

#1	3203.6	44362.	4529.7	58.370	3600.1
#2	3192.2	44819.	4569.1	57.027	3613.9
#3	3203.5	44937.	4601.4	57.106	3622.0

Sample Name: K3190-04 Acquired: 6/6/2019 17:25:13 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-MW201D 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	.00089	.01042	.00260	.00154	1.7357	.09444	.00027
Stddev	.00193	.00174	.00056	.00131	.00108	.0196	.00085	.00002
%RSD	210.56	196.05	5.3663	50.407	70.249	1.1272	.90458	5.6960

#1	-.00122	.00281	.01032	.00314	.00152	1.7353	.09364	.00028
#2	.00254	-.00057	.00992	.00110	.00263	1.7164	.09534	.00027
#3	.00144	.00042	.01102	.00355	.00047	1.7555	.09435	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	16.378	.00732	.00328	.01451	3.1469	.72358	3.2479
Stddev	.00005	.190	.00040	.00016	.00025	.0064	.00258	.0612
%RSD	68.475	1.1610	5.4996	4.8385	1.6883	.20250	.35589	1.8854

#1	-.00008	16.262	.00778	.00331	.01479	3.1405	.72069	3.1774
#2	-.00002	16.274	.00701	.00311	.01442	3.1469	.72440	3.2871
#3	-.00012	16.597	.00719	.00342	.01433	3.1532	.72565	3.2793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00523	-.00029	25.230	.00398	.03152	2.2329	.00324	-.00020
Stddev	.00054	.00054	.077	.00020	.00010	.0328	.00030	.02078
%RSD	10.272	189.95	.30713	5.0607	.32838	1.4707	9.3533	10564.

#1	.00461	.00034	25.179	.00396	.03164	2.1952	.00334	.02349
#2	.00546	-.00062	25.191	.00379	.03149	2.2476	.00290	-.01534
#3	.00561	-.00058	25.319	.00420	.03144	2.2557	.00349	-.00874

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4847	9.0148	-.00104	.05448	-.00026	.0370	.10805	4.9140
Stddev	.0008	.0516	.00099	.00116	.00122	.0021	.00062	.0855
%RSD	.02243	.57220	95.023	2.1379	470.86	5.615	.57503	1.7407

#1	3.4850	9.0454	-.00180	.05321	-.00164	.0375	.10739	4.8256
#2	3.4852	9.0438	-.00139	.05472	.00018	.0347	.10813	4.9202
#3	3.4838	8.9553	.00008	.05550	.00068	.0388	.10863	4.9963

Sample Name: K3190-04 Acquired: 6/6/2019 17:25:13 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-MW201D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8064
Stddev	.8051
%RSD	21.152

#1	2.9475
#2	3.9278
#3	4.5440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.4	45561.	4597.3	59.375	3766.0
Stddev	12.7	231.	44.0	1.997	15.4
%RSD	.38592	.50604	.95732	3.3635	.40847

#1	3279.5	45389.	4565.0	57.185	3755.3
#2	3284.9	45471.	4579.5	59.844	3759.1
#3	3303.7	45823.	4647.5	61.096	3783.6

Sample Name: K3190-06 Acquired: 6/6/2019 17:29:36 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00004	.00308	.00088	.00189	.62321	.00488	.00010
Stddev	.00222	.00132	.00032	.00258	.00189	.01188	.00025	.00004
%RSD	598.94	2987.2	10.249	293.34	100.10	1.9066	5.2181	41.271
#1	.00217	-.00146	.00333	.00330	.00303	.61685	.00475	.00006
#2	-.00135	.00054	.00319	.00116	-.00029	.61587	.00472	.00015
#3	-.00193	.00105	.00272	-.00183	.00293	.63692	.00517	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.7941	.01375	.00042	.00148	.80410	.03161	.98243
Stddev	.00003	.0169	.00060	.00020	.00017	.00387	.00008	.05690
%RSD	156.16	.29217	4.3961	48.881	11.172	.48162	.26142	5.7913
#1	-.00001	5.7837	.01419	.00021	.00166	.80825	.03165	.98852
#2	.00002	5.8136	.01306	.00061	.00144	.80350	.03167	.92273
#3	.00005	5.7849	.01398	.00043	.00134	.80057	.03152	1.0360
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00742	-.00040	31.977	.00203	.02418	.85694	-.00014	.01354
Stddev	.00030	.00057	.185	.00009	.00006	.05495	.00012	.00980
%RSD	4.0401	142.76	.57897	4.3039	.23855	6.4127	90.488	72.344
#1	.00733	.00018	31.824	.00204	.02415	.85146	-.00017	.02471
#2	.00775	-.00095	31.924	.00193	.02414	.80494	-.00024	.00642
#3	.00717	-.00043	32.183	.00211	.02425	.91443	-.00000	.00948
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6045	3.7092	-.00131	.02004	-.00015	.0089	.06204	4.1109
Stddev	.0101	.0240	.00089	.00086	.00163	.0009	.00008	.1504
%RSD	.28105	.64643	67.771	4.3067	1116.3	9.694	.12527	3.6584
#1	3.6033	3.7168	-.00172	.02065	-.00115	.0085	.06198	4.2841
#2	3.6151	3.7284	-.00029	.02042	.00173	.0083	.06213	4.0347
#3	3.5950	3.6823	-.00192	.01905	-.00102	.0099	.06201	4.0138

Sample Name: K3190-06 Acquired: 6/6/2019 17:29:36 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0669
Stddev	1.1660
%RSD	56.412

#1	3.3657
#2	1.7249
#3	1.1102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.4	45731.	4620.0	59.557	3820.7
Stddev	8.6	122.	35.4	.973	11.2
%RSD	.26010	.26625	.76634	1.6331	.29280

#1	3301.6	45595.	4590.4	60.497	3808.5
#2	3317.9	45830.	4610.4	58.555	3822.9
#3	3314.7	45767.	4659.2	59.620	3830.6

Sample Name: K3190-07 Acquired: 6/6/2019 17:33:59 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00102	.00683	.00201	-.00025	.38421	.14084
Stddev	.00227	.00112	.00039	.00410	.00028	.00415	.00206
%RSD	353.18	109.32	5.6632	204.34	111.58	1.0802	1.4614

#1	.00132	.00076	.00687	.00354	-.00028	.38779	.13933
#2	-.00189	.00006	.00642	.00511	.00004	.38517	.14000
#3	.00250	.00225	.00719	-.00264	-.00052	.37966	.14319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.08834	40.770	.01625	.00063	.00309	.29444
Stddev	.00002	.00009	.203	.00062	.00011	.00044	.00054
%RSD	4.8244	.10703	.49820	3.7906	17.966	14.366	.18387

#1	.00047	.08831	40.561	.01661	.00067	.00287	.29461
#2	.00047	.08827	40.780	.01553	.00072	.00360	.29487
#3	.00043	.08845	40.967	.01660	.00051	.00280	.29383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06194	8.5546	.00420	-.00016	159.96	.00093	.06942
Stddev	.00012	.0638	.00017	.00044	.44	.00020	.00012
%RSD	.19595	.74561	4.1197	280.96	.27737	21.870	.16581

#1	.06186	8.5732	.00439	.00013	159.61	.00114	.06935
#2	.06208	8.4836	.00405	.00006	159.82	.00074	.06936
#3	.06189	8.6071	.00415	-.00066	160.46	.00092	.06956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6230	-.00033	.02979	F 11.130	6.7049	-.00407	.00265
Stddev	.0643	.00007	.01134	.053	.0495	.00160	.00170
%RSD	.97036	21.505	38.051	.47711	.73850	39.348	64.115

#1	6.5498	-.00042	.02295	11.190	6.7543	-.00579	.00457
#2	6.6491	-.00028	.02354	11.090	6.6553	-.00380	.00203
#3	6.6702	-.00030	.04287	11.109	6.7051	-.00262	.00135

Sample Name: K3190-07 Acquired: 6/6/2019 17:33:59 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00693	.0038	.35225	5.2921	F<.00000
Stddev	.00051	.0015	.00167	.1821	.61336
%RSD	7.3351	39.38	.47477	3.4418	14.190

#1	.00642	.0035	.35174	5.0831	-3.6143
#2	.00744	.0024	.35088	5.4168	-4.6881
#3	.00692	.0054	.35411	5.3765	-4.6650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.0	43686.	4605.9	58.800	3572.5
Stddev	9.7	159.	32.1	2.438	18.3
%RSD	.30569	.36425	.69795	4.1459	.51288

#1	3179.1	43526.	4573.7	56.711	3554.8
#2	3186.6	43844.	4638.0	58.211	3571.2
#3	3198.4	43687.	4605.9	61.479	3591.4

Sample Name: K3190-08 Acquired: 6/6/2019 17:38:19 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	.00030	.00449	.00463	-.00020	.65493	.06683	.00020
Stddev	.00317	.00071	.00193	.00283	.00191	.00901	.00051	.00012
%RSD	208.87	242.01	43.056	61.169	947.23	1.3760	.76501	59.564
#1	.00513	-.00025	.00227	.00779	-.00190	.64534	.06672	.00013
#2	.00019	.00110	.00546	.00380	-.00057	.66322	.06638	.00013
#3	-.00077	.00003	.00575	.00231	.00186	.65625	.06739	.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	33.721	.00091	.01099	.00943	3.2662	1.1116	3.8039
Stddev	.00008	.292	.00034	.00019	.00041	.0046	.0018	.0338
%RSD	6.2253	.86518	37.697	1.7476	4.3538	.13981	.15818	.88715
#1	.00130	33.453	.00089	.01087	.00989	3.2613	1.1098	3.8353
#2	.00131	33.677	.00058	.01088	.00909	3.2704	1.1118	3.7682
#3	.00117	34.032	.00127	.01121	.00932	3.2670	1.1133	3.8081
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00014	62.876	-.00375	.01760	4.9606	.00127	.05708
Stddev	.00040	.00038	.278	.00030	.00007	.0389	.00014	.01281
%RSD	92.451	269.18	.44283	8.0549	.40125	.78433	11.064	22.450
#1	.00082	.00009	62.557	-.00366	.01753	4.9234	.00125	.06938
#2	.00047	-.00021	63.070	-.00408	.01760	4.9572	.00142	.04381
#3	.00002	.00055	63.000	-.00349	.01767	5.0010	.00114	.05806
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.952	3.6224	-.00847	-.00016	-.00016	.3640	.24160	4.3695
Stddev	.039	.0317	.00056	.00078	.00154	.0062	.00101	.1338
%RSD	.17077	.87446	6.6480	499.25	938.68	1.694	.41649	3.0620
#1	22.944	3.6586	-.00831	-.00062	-.00171	.3683	.24055	4.2164
#2	22.917	3.6086	-.00800	.00075	.00138	.3569	.24168	4.4283
#3	22.994	3.5999	-.00909	-.00060	-.00016	.3668	.24256	4.4639

Sample Name: K3190-08 Acquired: 6/6/2019 17:38:19 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1146
Stddev	1.1680
%RSD	37.499

#1	2.1206
#2	4.4010
#3	2.8224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3261.7	45473.	4720.3	59.350	3668.5
Stddev	15.0	149.	26.7	.905	19.2
%RSD	.46131	.32789	.56481	1.5241	.52320

#1	3256.7	45323.	4692.9	58.378	3669.7
#2	3278.6	45475.	4721.8	59.507	3687.0
#3	3249.8	45621.	4746.1	60.166	3648.7

Sample Name: K3190-10 Acquired: 6/6/2019 17:42:41 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP01-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	.00067	.00541	.00496	.00270	.74273	.07254	.00015
Stddev	.00179	.00109	.00122	.00453	.00217	.00338	.00049	.00007
%RSD	41.094	163.13	22.555	91.351	80.186	.45499	.66933	46.373
#1	.00634	.00109	.00485	.00268	.00521	.74662	.07310	.00018
#2	.00286	.00147	.00680	.00202	.00140	.74107	.07220	.00019
#3	.00387	-.00057	.00456	.01018	.00151	.74051	.07232	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	36.346	.00149	.01186	.01023	3.6046	1.1998	4.0789
Stddev	.00006	.132	.00035	.00018	.00008	.0049	.0014	.0391
%RSD	4.2902	.36379	23.655	1.5059	.79697	.13621	.11955	.95895
#1	.00139	36.260	.00112	.01168	.01023	3.6012	1.1994	4.1026
#2	.00132	36.281	.00182	.01203	.01015	3.6024	1.1986	4.0338
#3	.00128	36.499	.00151	.01188	.01031	3.6102	1.2014	4.1004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00025	67.900	-.00411	.02033	5.3464	.00132	.04673
Stddev	.00043	.00043	.253	.00042	.00013	.0534	.00031	.00545
%RSD	72.786	171.66	.37239	10.186	.62180	.99932	23.845	11.663
#1	.00091	-.00025	68.189	-.00417	.02027	5.3704	.00151	.05117
#2	.00074	.00018	67.796	-.00367	.02026	5.3837	.00149	.04065
#3	.00010	-.00068	67.717	-.00450	.02048	5.2852	.00096	.04838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.640	3.8761	-.00957	.00090	-.00068	.4065	.25934	4.6271
Stddev	.084	.0224	.00112	.00348	.00076	.0029	.00062	.2374
%RSD	.34260	.57779	11.697	385.18	112.66	.7138	.24079	5.1317
#1	24.635	3.8792	-.01067	-.00310	-.00124	.4066	.25877	4.6475
#2	24.558	3.8524	-.00960	.00319	-.00097	.4035	.25925	4.8537
#3	24.727	3.8968	-.00843	.00262	.00019	.4093	.26001	4.3801

Sample Name: K3190-10 Acquired: 6/6/2019 17:42:41 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP01-201 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2636
Stddev	.8243
%RSD	25.257

#1	4.0781
#2	2.4299
#3	3.2829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.3	44993.	4702.2	58.180	3632.8
Stddev	16.1	309.	28.9	1.225	9.5
%RSD	.49648	.68618	.61514	2.1055	.26073

#1	3224.7	44637.	4684.6	56.768	3621.8
#2	3227.3	45172.	4735.6	58.962	3638.0
#3	3253.7	45171.	4686.5	58.810	3638.5

Sample Name: K3190-12 Acquired: 6/6/2019 17:47:03 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	.00061	.00312	.00340	.00169	.00600	.02241	.00009
Stddev	.00035	.00141	.00027	.00034	.00200	.00333	.00013	.00006
%RSD	11.710	231.72	8.6688	9.8895	117.86	55.549	.59875	70.484

#1	-.00337	-.00085	.00337	.00308	.00272	.00975	.02226	.00002
#2	-.00267	.00197	.00316	.00337	-.00061	.00338	.02246	.00010
#3	-.00297	.00071	.00283	.00375	.00297	.00487	.02252	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	11.181	.00123	.00012	.00007	.04373	.00306	4.5104
Stddev	.00002	.082	.00016	.00016	.00042	.00055	.00003	.0340
%RSD	48.332	.73084	12.598	131.20	632.57	1.2596	1.0861	.75453

#1	.00005	11.089	.00107	.00011	.00053	.04328	.00307	4.5017
#2	.00002	11.212	.00137	-.00003	-.00007	.04356	.00307	4.5480
#3	.00003	11.243	.00126	.00028	-.00026	.04434	.00302	4.4816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.00034	28.611	-.00015	.02489	1.6629	-.00017	.03779
Stddev	.00034	.00039	.014	.00038	.00010	.0061	.00006	.01581
%RSD	30.051	113.66	.04772	252.20	.40288	.36786	36.441	41.848

#1	.00107	-.00044	28.598	-.00053	.02482	1.6661	-.00023	.05390
#2	.00148	.00009	28.625	-.00015	.02485	1.6667	-.00011	.03718
#3	.00081	-.00066	28.609	.00023	.02501	1.6558	-.00016	.02229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9904	5.1917	-.00197	.00132	-.00407	-.0022	.08656	4.0566
Stddev	.0089	.0105	.00056	.00158	.00127	.0017	.00027	.1093
%RSD	.22307	.20309	28.433	119.59	31.120	75.53	.30898	2.6934

#1	3.9898	5.2034	-.00136	.00287	-.00460	-.0015	.08629	3.9426
#2	3.9818	5.1889	-.00210	.00140	-.00262	-.0041	.08683	4.0669
#3	3.9996	5.1829	-.00246	-.00030	-.00499	-.0010	.08657	4.1604

Sample Name: K3190-12 Acquired: 6/6/2019 17:47:03 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .43383
 Stddev 1.1450
 %RSD 263.93

#1 1.7432
 #2 -.37956
 #3 -.06215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.0	45801.	4684.3	59.738	3827.2
Stddev	4.5	176.	10.6	.507	4.3
%RSD	.13539	.38430	.22722	.84842	.11105

#1	3305.1	45599.	4672.1	59.522	3823.7
#2	3313.9	45884.	4689.2	60.317	3826.0
#3	3307.9	45921.	4691.6	59.375	3831.9

Sample Name: K3190-13 Acquired: 6/6/2019 17:51:28 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	.00130	.00422	.00121	.00110	.20426	.10778	.00004
Stddev	.00223	.00213	.00095	.00307	.00119	.01408	.00089	.00005
%RSD	318.61	164.29	22.558	254.59	107.95	6.8913	.82950	129.14

#1	-.00310	.00163	.00450	-.00165	.00213	.19622	.10686	.00008
#2	-.00030	.00324	.00501	.00446	.00137	.22051	.10865	.00004
#3	.00130	-.00098	.00316	.00081	-.00020	.19604	.10784	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	29.935	.00182	.00003	-.00042	.27949	.00397	7.8546
Stddev	.00007	.070	.00046	.00012	.00017	.00143	.00007	.1082
%RSD	135.45	.23464	25.057	438.22	39.985	.51065	1.7023	1.3778

#1	-.00001	29.880	.00151	-.00000	-.00061	.28113	.00397	7.8565
#2	.00012	29.912	.00160	-.00008	-.00033	.27867	.00390	7.7454
#3	.00003	30.014	.00234	.00016	-.00031	.27865	.00404	7.9619

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00053	53.390	.00069	.02362	4.2204	-.00038	.03415
Stddev	.00030	.00004	.160	.00004	.00012	.0793	.00019	.01086
%RSD	22.885	7.5746	.30037	6.1365	.51207	1.8781	49.241	31.797

#1	.00166	-.00055	53.212	.00071	.02354	4.1311	-.00030	.04208
#2	.00118	-.00048	53.432	.00073	.02355	4.2473	-.00026	.02177
#3	.00111	-.00055	53.524	.00065	.02376	4.2826	-.00060	.03859

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.159	4.7227	-.00427	.00479	-.00011	-.0009	.28281	4.1734
Stddev	.025	.0648	.00069	.00104	.00134	.0009	.00053	.1453
%RSD	.22700	1.3730	16.201	21.783	1240.1	97.84	.18859	3.4823

#1	11.138	4.7972	-.00423	.00405	-.00156	-.0005	.28341	4.2441
#2	11.153	4.6785	-.00498	.00598	.00108	-.0019	.28263	4.2700
#3	11.187	4.6924	-.00360	.00434	.00016	-.0003	.28238	4.0063

Sample Name: K3190-13 Acquired: 6/6/2019 17:51:28 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.78266
%RSD	84.820

#1	-1.8074
#2	-.64026
#3	-.32051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.3	44912.	4619.1	57.783	3707.6
Stddev	9.2	206.	55.8	.752	13.2
%RSD	.28217	.45758	1.2076	1.3017	.35580

#1	3248.0	44684.	4555.5	57.142	3722.1
#2	3239.3	44970.	4642.5	58.611	3696.4
#3	3257.7	45083.	4659.4	57.595	3704.2

Sample Name: CCV06 Acquired: 6/6/2019 17:55:52 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15069 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2987	5.2221	5.1543	5.2286	5.4570	9.7910	10.211	.26820
Stddev	.0120	.0062	.0066	.0137	.0137	.0938	.079	.00040
%RSD	.22594	.11947	.12911	.26149	.25127	.95748	.77763	.14773
#1	5.3102	5.2263	5.1616	5.2275	5.4693	9.6896	10.126	.26832
#2	5.2997	5.2251	5.1526	5.2428	5.4596	9.8091	10.223	.26776
#3	5.2863	5.2150	5.1486	5.2155	5.4422	9.8744	10.283	.26852
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4854	24.223	.98920	2.5860	1.2863	5.1307	2.5713	25.613
Stddev	.0016	.135	.00122	.0051	.0016	.0028	.0029	.397
%RSD	.06399	.55531	.12382	.19892	.12195	.05500	.11445	1.5493
#1	2.4871	24.141	.98978	2.5918	1.2849	5.1278	2.5746	25.155
#2	2.4840	24.378	.98779	2.5839	1.2880	5.1308	2.5702	25.858
#3	2.4850	24.150	.99003	2.5822	1.2861	5.1334	2.5690	25.825
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5059	1.2644	24.453	2.3591	2.6452	25.663	5.3774	4.8853
Stddev	.0017	.0026	.143	.0004	.0042	.133	.0046	.0416
%RSD	.06885	.20794	.58344	.01815	.15753	.51925	.08461	.85086
#1	2.5062	1.2627	24.289	2.3595	2.6494	25.522	5.3822	4.8374
#2	2.5075	1.2632	24.524	2.3590	2.6451	25.786	5.3770	4.9112
#3	2.5041	1.2675	24.547	2.3587	2.6410	25.681	5.3731	4.9074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0546	4.9044	5.1494	5.0596	4.6890	5.272	5.1902	5.3991
Stddev	.0114	.0225	.0086	.0094	.0149	.014	.0076	.0859
%RSD	.22570	.45848	.16623	.18549	.31838	.2617	.14658	1.5913
#1	5.0458	4.9294	5.1584	5.0495	4.6973	5.268	5.1903	5.4818
#2	5.0506	4.8859	5.1414	5.0680	4.6717	5.288	5.1825	5.4054
#3	5.0675	4.8979	5.1483	5.0613	4.6978	5.261	5.1977	5.3103

Sample Name: CCV06 Acquired: 6/6/2019 17:55:52 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15069 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.2724
Stddev	1.7171
%RSD	27.375

#1	5.4462
#2	5.1247
#3	8.2464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.8	44981.	4684.9	56.703	3559.1
Stddev	3.7	70.	32.6	.855	4.1
%RSD	.11344	.15459	.69643	1.5075	.11599

#1	3249.6	44928.	4647.3	57.680	3555.3
#2	3249.8	45060.	4706.2	56.338	3558.7
#3	3256.1	44955.	4701.1	56.091	3563.5

Sample Name: CCB06 Acquired: 6/6/2019 17:59:50 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	.00286	.00002	.00002	.00083	-.01887	.00058	.00008
Stddev	.00226	.00077	.00056	.00033	.00118	.01152	.00070	.00001
%RSD	117.22	27.046	3328.5	1417.3	142.12	61.050	121.06	13.216
#1	.00244	.00239	.00011	-.00028	.00144	-.01271	.00139	.00007
#2	-.00054	.00243	.00052	-.00003	.00158	-.01174	.00019	.00008
#3	.00390	.00375	-.00058	.00038	-.00053	-.03216	.00016	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00381	-.00039	.00003	-.00060	.00082	.00002	-.01873
Stddev	.00002	.00927	.00012	.00018	.00018	.00028	.00004	.03896
%RSD	22.715	243.21	30.168	534.61	29.893	33.935	292.51	208.01
#1	.00014	.00260	-.00053	-.00005	-.00080	.00106	-.00000	.02299
#2	.00010	.00041	-.00032	.00024	-.00044	.00051	.00007	-.05417
#3	.00009	-.01444	-.00033	-.00009	-.00056	.00088	-.00002	-.02501
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	-.00015	-.07826	.00033	-.00026	-.05762	.00024	-.00883
Stddev	.00028	.00056	.00482	.00027	.00009	.02634	.00066	.00821
%RSD	46.353	364.98	6.1605	82.227	34.726	45.708	271.95	93.020
#1	.00092	-.00044	-.07992	.00002	-.00032	-.02721	.00096	.00041
#2	.00040	-.00052	-.07283	.00047	-.00016	-.07328	.00011	-.01161
#3	.00048	.00050	-.08203	.00051	-.00030	-.07236	-.00034	-.01529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00633	.00514	-.00045	-.00027	-.00271	-.0063	-.00008	F 3.7632
Stddev	.00045	.00042	.00081	.00078	.00125	.0014	.00002	.1774
%RSD	7.1527	8.2500	180.96	285.49	45.941	22.04	22.393	4.7152
#1	.00683	.00494	-.00112	-.00097	-.00415	-.0047	-.00006	3.9229
#2	.00596	.00486	.00045	.00056	-.00210	-.0074	-.00010	3.7946
#3	.00620	.00563	-.00068	-.00040	-.00189	-.0066	-.00008	3.5722

Sample Name: CCB06 Acquired: 6/6/2019 17:59:50 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15069 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5855
Stddev	.2571
%RSD	9.9458

#1	2.3929
#2	2.8775
#3	2.4860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.9	47096.	4733.4	59.561	3967.8
Stddev	5.0	110.	3.7	1.973	2.6
%RSD	.14758	.23361	.07862	3.3123	.06616

#1	3395.7	47023.	4729.8	57.364	3965.5
#2	3387.3	47042.	4737.2	61.180	3970.6
#3	3386.8	47222.	4733.2	60.141	3967.3

Sample Name: K3190-14 Acquired: 6/6/2019 18:04:19 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	.00054	.00158	-.00228	-.00009	-.00634	.01450	.00003
Stddev	.00322	.00141	.00051	.00231	.00127	.00696	.00059	.00004
%RSD	91.049	262.44	32.259	101.48	1452.2	109.69	4.1039	159.25

#1	-.00254	-.00011	.00137	-.00400	.00126	-.01424	.01392	.00007
#2	-.00093	-.00043	.00216	.00035	-.00024	-.00114	.01447	.00001
#3	-.00714	.00216	.00121	-.00317	-.00128	-.00364	.01510	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	3.2028	.00545	-.00005	-.00034	.00729	.00245	1.0398
Stddev	.00002	.0194	.00038	.00013	.00020	.00075	.00006	.0045
%RSD	46.204	.60679	7.0275	255.93	57.463	10.274	2.2864	.43264

#1	.00006	3.1936	.00582	-.00020	-.00013	.00767	.00249	1.0365
#2	.00004	3.1897	.00505	.00001	-.00037	.00643	.00247	1.0449
#3	.00002	3.2251	.00547	.00004	-.00053	.00778	.00238	1.0380

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00020	12.899	.00047	.01056	1.0069	.00009	.04878
Stddev	.00011	.00033	.070	.00019	.00011	.0327	.00024	.01229
%RSD	7.9002	159.98	.54198	41.444	1.0645	3.2438	282.15	25.198

#1	.00149	.00017	12.821	.00053	.01043	.99628	.00008	.04685
#2	.00139	-.00033	12.956	.00025	.01061	.98079	-.00016	.03757
#3	.00127	-.00045	12.920	.00062	.01063	1.0435	.00033	.06193

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1284	4.9461	-.00269	.00006	-.00416	-.0046	.03419	4.1785
Stddev	.0095	.0460	.00018	.00065	.00326	.0016	.00016	.1943
%RSD	.15514	.92916	6.7510	1047.1	78.507	35.65	.46103	4.6505

#1	6.1180	4.9237	-.00270	.00008	-.00793	-.0048	.03401	4.3557
#2	6.1366	4.9155	-.00287	.00070	-.00221	-.0029	.03431	4.2092
#3	6.1307	4.9989	-.00250	-.00060	-.00234	-.0062	.03425	3.9707

Sample Name: K3190-14 Acquired: 6/6/2019 18:04:19 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.70495
Stddev	1.0348
%RSD	146.80

#1	1.6486
#2	.86794
#3	-.40171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.8	46744.	4685.8	61.628	3908.8
Stddev	2.8	54.	6.9	1.727	6.7
%RSD	.08384	.11516	.14679	2.8022	.17169

#1	3318.0	46718.	4677.9	60.478	3904.6
#2	3316.5	46708.	4690.6	63.614	3905.4
#3	3321.9	46806.	4688.9	60.792	3916.6

Sample Name: K3190-18 Acquired: 6/6/2019 18:08:46 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	.00106	.00268	.00077	.00046	.01048	.02351	.00004
Stddev	.00233	.00065	.00139	.00227	.00059	.00290	.00056	.00002
%RSD	204.45	61.463	51.702	295.83	127.71	27.710	2.3876	50.009

#1	-.00301	.00069	.00318	-.00160	.00058	.01362	.02292	.00007
#2	.00147	.00068	.00375	.00293	.00099	.00791	.02357	.00002
#3	-.00187	.00181	.00111	.00097	-.00018	.00990	.02404	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	4.1316	.17353	.00017	-.00033	.01814	.00269	1.6453
Stddev	.00004	.0237	.00121	.00016	.00020	.00058	.00010	.0150
%RSD	68.104	.57353	.69667	92.460	60.346	3.1974	3.8690	.91458

#1	.00001	4.1043	.17472	.00027	-.00044	.01815	.00263	1.6399
#2	.00008	4.1433	.17230	.00025	-.00044	.01756	.00263	1.6338
#3	.00008	4.1472	.17357	-.00001	-.00010	.01872	.00281	1.6623

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00029	11.101	.00011	.01406	1.0202	-.00031	.04608
Stddev	.00024	.00005	.053	.00019	.00004	.0102	.00017	.02533
%RSD	17.792	17.919	.48073	177.26	.26486	.99795	53.352	54.969

#1	.00159	-.00031	11.150	.00008	.01406	1.0311	-.00034	.02008
#2	.00114	-.00032	11.044	.00031	.01402	1.0183	-.00046	.04746
#3	.00125	-.00023	11.110	-.00007	.01409	1.0110	-.00013	.07068

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7812	4.5902	-.00164	-.00047	-.00440	-.0047	.04841	3.6242
Stddev	.0070	.0218	.00016	.00080	.00242	.0003	.00014	.1044
%RSD	.25249	.47512	9.6004	170.13	54.982	5.901	.27935	2.8807

#1	2.7840	4.5688	-.00154	.00013	-.00194	-.0049	.04842	3.5261
#2	2.7864	4.6124	-.00156	-.00016	-.00449	-.0048	.04827	3.7339
#3	2.7732	4.5893	-.00182	-.00138	-.00678	-.0044	.04854	3.6125

Sample Name: K3190-18 Acquired: 6/6/2019 18:08:46 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6282
 Stddev 1.7012
 %RSD 64.727

#1 1.3132
 #2 2.0219
 #3 4.5495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.1	46383.	4664.3	60.956	3890.3
Stddev	9.9	88.	29.3	.994	5.7
%RSD	.30079	.19034	.62877	1.6306	.14562

#1	3286.8	46302.	4683.2	61.486	3893.7
#2	3305.1	46477.	4630.5	59.809	3893.5
#3	3302.5	46369.	4679.2	61.572	3883.8

Sample Name: K3190-19 Acquired: 6/6/2019 18:13:12 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00086	.00365	.00386	-.00089	.52696	.01706	.00009
Stddev	.00233	.00065	.00092	.00137	.00188	.01143	.00050	.00011
%RSD	110.19	75.797	25.294	35.653	210.88	2.1693	2.9397	117.43

#1	.00044	.00013	.00420	.00544	-.00307	.52754	.01701	.00018
#2	.00113	.00106	.00418	.00295	.00017	.51525	.01759	.00012
#3	.00478	.00139	.00259	.00318	.00022	.53809	.01659	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	7.1587	.11516	.00027	-.00012	.12349	.00192	2.5617
Stddev	.00006	.0552	.00095	.00027	.00009	.00129	.00004	.0461
%RSD	60.047	.77058	.82382	100.04	75.867	1.0446	1.8909	1.7999

#1	-.00006	7.1000	.11625	.00015	-.00009	.12477	.00196	2.5100
#2	-.00016	7.2095	.11473	.00008	-.00023	.12219	.00192	2.5984
#3	-.00006	7.1666	.11450	.00058	-.00005	.12349	.00189	2.5768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	-.00048	14.108	.00103	.01329	1.8032	-.00027	.04669
Stddev	.00017	.00033	.040	.00041	.00010	.0278	.00034	.02250
%RSD	9.7951	68.303	.28258	40.052	.75456	1.5418	126.53	48.195

#1	.00176	-.00020	14.063	.00057	.01318	1.8350	-.00066	.02149
#2	.00152	-.00083	14.138	.00136	.01336	1.7837	-.00012	.05379
#3	.00185	-.00040	14.123	.00116	.01334	1.7909	-.00003	.06478

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7925	5.2728	-.00115	.01419	-.00444	.0070	.06464	3.8317
Stddev	.0067	.0230	.00046	.00128	.00058	.0024	.00030	.1136
%RSD	.24094	.43641	40.248	9.0215	13.000	33.82	.46529	2.9656

#1	2.7869	5.2910	-.00141	.01288	-.00454	.0059	.06439	3.7103
#2	2.7906	5.2805	-.00143	.01544	-.00382	.0054	.06498	3.8494
#3	2.8000	5.2470	-.00062	.01427	-.00496	.0097	.06455	3.9355

Sample Name: K3190-19 Acquired: 6/6/2019 18:13:12 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8737
Stddev	.5011
%RSD	26.744

#1	2.3132
#2	1.9797
#3	1.3280

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.0	46360.	4690.4	58.536	3874.2
Stddev	12.2	235.	39.8	2.086	11.7
%RSD	.36805	.50681	.84783	3.5642	.30199

#1	3295.3	46106.	4651.3	56.279	3860.8
#2	3313.3	46406.	4689.0	58.936	3879.5
#3	3318.4	46569.	4730.8	60.393	3882.4

Sample Name: K3190-20 Acquired: 6/6/2019 18:17:38 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00105	.00467	.00172	-.00026	2.0503	.09540	.00087
Stddev	.00388	.00043	.00114	.00186	.00100	.0210	.00071	.00013
%RSD	459.73	41.141	24.501	108.20	377.13	1.0243	.74401	15.402

#1	.00520	.00100	.00502	.00243	-.00136	2.0315	.09476	.00072
#2	-.00225	.00150	.00339	.00313	-.00002	2.0465	.09528	.00091
#3	-.00041	.00064	.00560	-.00039	.00059	2.0730	.09616	.00098

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	20.796	.00237	.00406	.00176	.36385	.11251	5.3101
Stddev	.00008	.111	.00012	.00028	.00054	.00068	.00016	.0809
%RSD	24.078	.53327	4.9624	6.8510	30.813	.18653	.13882	1.5239

#1	.00040	20.679	.00250	.00414	.00232	.36360	.11238	5.3239
#2	.00025	20.808	.00228	.00429	.00124	.36461	.11268	5.2232
#3	.00031	20.900	.00234	.00375	.00173	.36332	.11248	5.3832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	-.00069	62.692	.00018	.07030	2.3476	.00015	.02287
Stddev	.00046	.00019	.145	.00020	.00043	.0139	.00022	.01478
%RSD	6.5402	27.233	.23052	114.25	.61712	.59267	146.70	64.662

#1	.00682	-.00049	62.739	.00041	.06980	2.3501	-.00004	.00700
#2	.00662	-.00086	62.530	.00009	.07052	2.3327	.00010	.03626
#3	.00749	-.00073	62.807	.00003	.07058	2.3602	.00040	.02533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2941	3.4940	-.00202	.00708	-.00145	.0924	.16305	4.0501
Stddev	.0145	.0085	.00063	.00115	.00150	.0004	.00058	.1527
%RSD	.19938	.24214	30.973	16.285	103.30	.4039	.35394	3.7698

#1	7.2816	3.4890	-.00180	.00676	-.00169	.0927	.16303	4.2008
#2	7.2907	3.5038	-.00273	.00612	.00015	.0920	.16249	3.8955
#3	7.3101	3.4892	-.00154	.00836	-.00282	.0924	.16364	4.0540

Sample Name: K3190-20 Acquired: 6/6/2019 18:17:38 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.4315
 %RSD 1016.7

#1 .25795
 #2 -1.7294
 #3 1.0491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.7	45538.	4677.1	59.249	3698.7
Stddev	16.4	19.	16.5	1.008	8.2
%RSD	.49946	.04280	.35352	1.7004	.22213

#1	3261.1	45516.	4664.2	60.328	3707.1
#2	3275.2	45544.	4671.4	58.333	3690.7
#3	3293.7	45553.	4695.7	59.085	3698.2

Sample Name: K3190-21 Acquired: 6/6/2019 18:21:59 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB01-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	.00312	-.00158	-.00046	.00104	-.01293	-.00007	.00013
Stddev	.00158	.00055	.00088	.00216	.00198	.00681	.00044	.00002
%RSD	73.580	17.579	55.485	471.58	191.65	52.653	653.43	17.165

#1	.00310	.00343	-.00195	-.00065	.00304	-.02025	.00008	.00014
#2	.00301	.00343	-.00058	-.00252	-.00093	-.00679	-.00056	.00010
#3	.00032	.00248	-.00221	.00180	.00099	-.01175	.00028	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.01451	.00018	-.00017	-.00048	.00374	.00031	.00566
Stddev	.00006	.00709	.00028	.00025	.00020	.00095	.00004	.04134
%RSD	57.305	48.886	153.31	143.83	40.960	25.306	12.519	730.81

#1	.00016	-.01179	-.00013	.00011	-.00065	.00282	.00033	-.02759
#2	.00008	-.02256	.00027	-.00025	-.00027	.00368	.00032	-.00738
#3	.00005	-.00918	.00041	-.00037	-.00052	.00471	.00026	.05195

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00049	-.08171	.00011	.00450	-.04555	-.00063	-.01756
Stddev	.00042	.00031	.00088	.00029	.00015	.01419	.00016	.01350
%RSD	22.925	63.645	1.0754	271.06	3.3115	31.159	25.365	76.889

#1	.00143	-.00080	-.08089	-.00019	.00449	-.03435	-.00047	-.03306
#2	.00228	-.00018	-.08264	.00011	.00436	-.04080	-.00078	-.01127
#3	.00185	-.00048	-.08162	.00040	.00466	-.06151	-.00063	-.00835

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.00016	-.00221	-.00080	-.00718	-.0039	-.00001	2.9785
Stddev	.00184	.00162	.00079	.00065	.00157	.0013	.00007	.2444
%RSD	517.18	1026.1	35.859	81.061	21.874	35.00	497.28	8.2058

#1	-.00245	.00149	-.00252	-.00007	-.00833	-.0036	.00006	2.7457
#2	.00037	-.00176	-.00280	-.00132	-.00781	-.0053	-.00008	3.2331
#3	.00101	-.00021	-.00131	-.00100	-.00539	-.0026	-.00002	2.9569

Sample Name: K3190-21 Acquired: 6/6/2019 18:21:59 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-EB01-2019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5977
Stddev	.8442
%RSD	52.840

#1	.95089
#2	2.5527
#3	1.2895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.9	47527.	4809.3	61.730	4080.7
Stddev	2.0	262.	23.4	1.787	2.7
%RSD	.05823	.55052	.48711	2.8943	.06591

#1	3414.2	47829.	4834.4	61.693	4082.9
#2	3411.1	47370.	4805.5	63.534	4081.6
#3	3410.5	47382.	4788.1	59.961	4077.7

Sample Name: K3190-22 Acquired: 6/6/2019 18:26:28 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	.00062	.00367	.00141	.00080	-.00925	.03531	.00008
Stddev	.00172	.00071	.00101	.00210	.00244	.00772	.00039	.00005
%RSD	185.99	115.33	27.469	148.60	303.50	83.463	1.1081	72.327

#1	.00054	.00139	.00306	.00131	.00164	-.01216	.03486	.00001
#2	-.00281	.00046	.00313	-.00063	.00272	-.01508	.03558	.00011
#3	-.00050	-.00000	.00484	.00357	-.00194	-.00050	.03550	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	9.1832	.00055	.00000	-.00085	.00364	.00378	3.1122
Stddev	.00007	.0595	.00020	.00011	.00020	.00044	.00005	.0387
%RSD	948.27	.64830	36.983	3443.4	23.749	12.198	1.3429	1.2437

#1	-.00009	9.1198	.00037	.00013	-.00080	.00313	.00378	3.1324
#2	.00002	9.1918	.00052	-.00006	-.00069	.00384	.00372	3.0676
#3	.00004	9.2379	.00077	-.00006	-.00108	.00394	.00382	3.1367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00023	21.088	.00012	.01537	1.8727	-.00035	.02563
Stddev	.00017	.00019	.153	.00010	.00008	.0438	.00031	.00764
%RSD	10.581	83.229	.72678	82.417	.54606	2.3397	87.858	29.786

#1	.00140	-.00039	21.026	.00016	.01545	1.8238	-.00007	.03183
#2	.00161	-.00029	20.976	.00020	.01529	1.9084	-.00068	.02796
#3	.00173	-.00002	21.263	.00001	.01537	1.8859	-.00031	.01711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8288	5.9434	-.00199	.00102	-.00250	-.0025	.09097	4.1096
Stddev	.0189	.0252	.00091	.00163	.00245	.0006	.00041	.2631
%RSD	.49454	.42393	45.631	159.79	98.093	24.54	.44881	6.4018

#1	3.8455	5.9641	-.00097	.00270	-.00291	-.0027	.09057	4.4134
#2	3.8327	5.9508	-.00231	.00093	-.00472	-.0019	.09095	3.9549
#3	3.8082	5.9153	-.00270	-.00056	.00013	-.0031	.09139	3.9605

Sample Name: K3190-22 Acquired: 6/6/2019 18:26:28 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.67920
Stddev	.55457
%RSD	81.650

#1	1.1391
#2	.83521
#3	.06334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.7	45733.	4639.3	60.126	3828.8
Stddev	22.1	87.	34.9	.743	13.0
%RSD	.67527	.18968	.75280	1.2363	.34037

#1	3247.2	45686.	4607.3	60.703	3814.2
#2	3283.6	45834.	4634.0	59.287	3833.0
#3	3287.2	45681.	4676.6	60.386	3839.2

Sample Name: K3211-03 Acquired: 6/6/2019 18:30:52 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20174	.02277	.09631	-.00638	.00719	90.740	.18441	.02064
Stddev	.00374	.00052	.00054	.00647	.00273	.757	.00211	.00013
%RSD	1.8559	2.2633	.55914	101.47	37.940	.83382	1.1424	.61109
#1	.20491	.02300	.09613	-.00562	.00856	89.993	.18199	.02079
#2	.19761	.02218	.09692	-.01320	.00895	90.719	.18539	.02057
#3	.20271	.02313	.09588	-.00032	.00405	91.506	.18584	.02057
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	58.294	.64404	.01733	.06567	308.96	.32767	6.1340
Stddev	.00020	.300	.00103	.00006	.00080	1.81	.00077	.0758
%RSD	6.8462	.51500	.15994	.33702	1.2210	.58617	.23576	1.2362
#1	-.00286	58.044	.64332	.01736	.06645	307.44	.32714	6.0992
#2	-.00278	58.212	.64356	.01736	.06571	308.47	.32855	6.0818
#3	-.00316	58.627	.64522	.01726	.06485	310.96	.32731	6.2210
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03987	-.01851	.42219	1.0687	.28599	12.055	.00230	.10459
Stddev	.00172	.00009	.01331	.0024	.00120	.072	.00047	.01104
%RSD	4.3096	.50252	3.1515	.22945	.41910	.59364	20.438	10.553
#1	-.03825	-.01841	.40879	1.0691	.28611	12.000	.00183	.11631
#2	-.04167	-.01859	.42238	1.0709	.28712	12.029	.00276	.09440
#3	-.03968	-.01854	.43539	1.0661	.28474	12.136	.00230	.10305
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0792	2.2415	.00974	.54856	.01672	9.495	-.28211	<.00000
Stddev	.0044	.0194	.00079	.00279	.00049	.042	.00182	.01777
%RSD	.40681	.86790	8.1430	.50876	2.9135	.4400	.64533	8.7371
#1	1.0836	2.2595	.00998	.54613	.01704	9.505	-.28063	-.21567
#2	1.0749	2.2441	.01038	.55161	.01696	9.531	-.28156	-.21153
#3	1.0790	2.2208	.00885	.54793	.01616	9.449	-.28414	-.18303

Sample Name: K3211-03 Acquired: 6/6/2019 18:30:52 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 596.02
Stddev	4.53
%RSD	.76079

#1	597.03
#2	599.96
#3	591.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.9	49224.	5200.2	59.048	3605.5
Stddev	8.3	143.	21.6	.463	11.9
%RSD	.23572	.28996	.41612	.78388	.33103

#1	3546.0	49306.	5182.8	59.021	3618.4
#2	3535.0	49307.	5193.3	59.524	3594.9
#3	3529.7	49059.	5224.4	58.599	3603.1

Sample Name: K3211-05 Acquired: 6/6/2019 18:35:14 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13356	.01093	.21361	.00698	.00246	117.31	.57978	.01222
Stddev	.00314	.00169	.00055	.00174	.00249	.63	.00308	.00007
%RSD	2.3524	15.447	.25933	24.889	101.44	.53972	.53094	.61158
#1	.13519	.01261	.21424	.00804	.00101	117.69	.57895	.01220
#2	.13555	.01096	.21319	.00791	.00103	116.58	.57721	.01230
#3	.12994	.00923	.21340	.00497	.00534	117.67	.58319	.01216
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	41.038	.31465	.02545	.10019	201.36	.84121	14.202
Stddev	.00008	.029	.00118	.00028	.00049	.67	.00154	.121
%RSD	2.3210	.07095	.37375	1.0908	.49299	.33521	.18319	.84848
#1	-.00332	41.052	.31330	.02566	.09979	201.94	.83944	14.224
#2	-.00338	41.057	.31530	.02556	.10003	201.52	.84196	14.072
#3	-.00348	41.004	.31536	.02514	.10074	200.62	.84224	14.310
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01725	-.00782	.85432	.32485	.45118	18.898	.01267	.11299
Stddev	.00090	.00071	.00529	.00222	.00106	.129	.00034	.01396
%RSD	5.2394	9.1252	.61947	.68365	.23441	.68234	2.6482	12.352
#1	.01642	-.00715	.84992	.32610	.45218	18.916	.01305	.12910
#2	.01712	-.00857	.85284	.32616	.45007	18.761	.01246	.10494
#3	.01821	-.00775	.86019	.32228	.45128	19.017	.01249	.10492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7952	3.3908	.00866	.60714	.07279	6.628	-.16060	.88374
Stddev	.0065	.0205	.00047	.00630	.00089	.011	.00093	.08465
%RSD	.35993	.60329	5.4492	1.0385	1.2174	.1618	.58017	9.5789
#1	1.7880	3.3975	.00912	.60079	.07178	6.634	-.16157	.96351
#2	1.7973	3.4071	.00866	.60723	.07345	6.616	-.16054	.79493
#3	1.8004	3.3679	.00818	.61340	.07313	6.635	-.15971	.89279

Sample Name: K3211-05 Acquired: 6/6/2019 18:35:14 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 342.56
Stddev	4.49
%RSD	1.3100

#1	342.93
#2	337.89
#3	346.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.3	49459.	5188.0	57.784	3598.2
Stddev	2.6	76.	18.1	1.042	6.3
%RSD	.07424	.15430	.34801	1.8031	.17457

#1	3546.7	49371.	5199.6	58.792	3592.1
#2	3542.3	49501.	5167.2	57.850	3597.9
#3	3547.0	49505.	5197.2	56.711	3604.7

Sample Name: K3211-07 Acquired: 6/6/2019 18:39:44 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36658	.01281	.50281	.00915	.00208	48.120	.23653	.00739
Stddev	.00184	.00112	.00289	.00146	.00076	.174	.00068	.00018
%RSD	.50175	8.7659	.57493	15.911	36.747	.36243	.28584	2.3779
#1	.36482	.01399	.50125	.00767	.00144	47.928	.23575	.00758
#2	.36849	.01176	.50104	.01058	.00292	48.163	.23692	.00735
#3	.36642	.01269	.50615	.00919	.00187	48.269	.23693	.00723
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	44.725	.17206	.01306	.09091	173.46	.31149	5.7830
Stddev	.00034	.157	.00193	.00011	.00075	.91	.00002	.1074
%RSD	11.375	.35034	1.1233	.81008	.82088	.52575	.00736	1.8566
#1	-.00267	44.683	.17224	.01298	.09045	173.17	.31151	5.6642
#2	-.00307	44.594	.17389	.01303	.09177	172.73	.31149	5.8119
#3	-.00336	44.899	.17004	.01318	.09051	174.48	.31146	5.8730
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00977	-.00734	1.5765	.49172	.48731	7.2043	.00513	.09520
Stddev	.00044	.00029	.0152	.00160	.00141	.0426	.00004	.01106
%RSD	4.4903	3.9951	.96410	.32546	.28895	.59182	.72116	11.620
#1	-.00982	-.00767	1.5599	.49094	.48835	7.1727	.00516	.08648
#2	-.00930	-.00718	1.5797	.49356	.48571	7.2528	.00509	.09148
#3	-.01018	-.00715	1.5898	.49065	.48787	7.1873	.00515	.10765
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4484	3.6232	.01225	.45616	.02148	3.280	-.07297	2.2561
Stddev	.0015	.0256	.00128	.00372	.00070	.006	.00104	.1933
%RSD	.10444	.70761	10.452	.81501	3.2450	.1795	1.4298	8.5666
#1	1.4477	3.6426	.01078	.45862	.02127	3.280	-.07292	2.4271
#2	1.4474	3.5941	.01283	.45188	.02091	3.275	-.07196	2.0464
#3	1.4502	3.6328	.01314	.45798	.02226	3.287	-.07404	2.2947

Sample Name: K3211-07 Acquired: 6/6/2019 18:39:44 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 274.03
Stddev 1.41
%RSD .51413

#1 275.65
#2 273.07
#3 273.38

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.9	48114.	5057.1	59.402	3710.4
Stddev	4.4	23.	9.1	1.133	8.0
%RSD	.12699	.04845	.17919	1.9075	.21482

#1	3421.9	48125.	5046.6	58.593	3706.2
#2	3429.1	48129.	5062.9	60.697	3719.6
#3	3429.7	48087.	5061.7	58.917	3705.5

Sample Name: K3216-01 Acquired: 6/6/2019 18:44:06 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-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	.04207	-.00965	.06744	-.00640	.00997	162.94	.96466	.00858
Stddev	.00183	.00369	.00170	.00277	.00266	.65	.00757	.00018
%RSD	4.3482	38.300	2.5279	43.373	26.646	.40118	.78487	2.1448
#1	.04221	-.00990	.06590	-.00490	.01200	163.53	.97212	.00868
#2	.04383	-.01321	.06715	-.00469	.00696	162.24	.95698	.00869
#3	.04018	-.00583	.06927	-.00960	.01095	163.03	.96489	.00836
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	1481.6	.13477	.03942	.09429	103.11	2.5461	82.124
Stddev	.00007	19.9	.00094	.00008	.00031	.44	.0047	.118
%RSD	8.2303	1.3437	.69854	.19175	.33217	.42404	.18607	.14353
#1	-.00087	1459.0	.13510	.03943	.09395	102.78	2.5451	82.228
#2	-.00085	1489.4	.13370	.03949	.09457	102.93	2.5418	81.996
#3	-.00099	1496.5	.13549	.03934	.09433	103.61	2.5512	82.149
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06243	-.01451	7.2976	.13655	.30507	12.005	.00338	.36661
Stddev	.00108	.00054	.0329	.00068	.00052	.024	.00027	.02496
%RSD	1.7312	3.7260	.45108	.49708	.17028	.19893	7.9150	6.8088
#1	.06302	-.01454	7.3197	.13598	.30451	11.978	.00362	.38012
#2	.06309	-.01504	7.2598	.13730	.30516	12.024	.00344	.33781
#3	.06118	-.01396	7.3134	.13638	.30554	12.013	.00309	.38191
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.975	.75004	-.00400	4.2421	.18557	6.047	8.8736	5.7255
Stddev	.101	.00542	.00137	.0093	.00033	.002	.0350	.1042
%RSD	.30690	.72244	34.287	.21875	.17878	.0354	.39488	1.8198
#1	32.861	.75570	-.00277	4.2528	.18579	6.044	8.8726	5.6892
#2	33.010	.74952	-.00548	4.2370	.18574	6.049	8.9092	5.6444
#3	33.055	.74490	-.00377	4.2365	.18519	6.047	8.8391	5.8430

Sample Name: K3216-01 Acquired: 6/6/2019 18:44:06 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-COM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 126.97
 Stddev 1.09
 %RSD .85989

#1 127.85
 #2 127.31
 #3 125.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.5	40816.	4687.5	52.454	2903.3
Stddev	20.4	41.	10.2	.849	9.8
%RSD	.69686	.09942	.21794	1.6178	.33763

#1	2917.5	40774.	4679.2	53.223	2908.3
#2	2954.9	40856.	4684.4	52.595	2909.5
#3	2922.0	40817.	4698.9	51.544	2892.0

Sample Name: CCV07 Acquired: 6/6/2019 18:48:52 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	5.3181	5.2595	5.1934	5.2651	5.4803	9.7231	10.191	.26858
Stddev	.0060	.0043	.0079	.0121	.0044	.0444	.024	.00039
%RSD	.11287	.08162	.15288	.22978	.07976	.45691	.23871	.14526
#1	5.3247	5.2645	5.1851	5.2790	5.4843	9.7143	10.169	.26883
#2	5.3129	5.2565	5.1942	5.2579	5.4756	9.6838	10.187	.26813
#3	5.3166	5.2576	5.2009	5.2583	5.4809	9.7713	10.217	.26878
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4967	24.227	.98912	2.6032	1.2916	5.1473	2.5744	25.601
Stddev	.0029	.115	.00339	.0016	.0019	.0010	.0035	.213
%RSD	.11478	.47478	.34233	.06281	.14998	.01864	.13571	.83365
#1	2.4935	24.095	.99297	2.6015	1.2930	5.1462	2.5783	25.362
#2	2.4976	24.285	.98778	2.6034	1.2894	5.1477	2.5716	25.672
#3	2.4990	24.302	.98661	2.6048	1.2924	5.1480	2.5732	25.770
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5170	1.2623	24.386	2.3537	2.6731	25.766	5.4022	4.8610
Stddev	.0028	.0023	.069	.0055	.0027	.117	.0037	.0135
%RSD	.11277	.17979	.28244	.23549	.09969	.45496	.06895	.27693
#1	2.5154	1.2647	24.320	2.3600	2.6712	25.641	5.4028	4.8476
#2	2.5153	1.2618	24.382	2.3497	2.6719	25.786	5.3982	4.8611
#3	2.5203	1.2602	24.457	2.3514	2.6762	25.872	5.4055	4.8745
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0681	4.9072	5.1888	5.0790	4.6503	5.296	5.1989	F 5.8152
Stddev	.0097	.0192	.0119	.0191	.0240	.015	.0127	.1230
%RSD	.19191	.39130	.22894	.37676	.51702	.2880	.24523	2.1146
#1	5.0789	4.9171	5.1778	5.0656	4.6643	5.306	5.2078	5.9426
#2	5.0657	4.8851	5.1871	5.0706	4.6225	5.278	5.1843	5.8056
#3	5.0599	4.9194	5.2014	5.1009	4.6641	5.303	5.2045	5.6973

Sample Name: CCV07 Acquired: 6/6/2019 18:48:52 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.0333
Stddev .5561
%RSD 7.9067

#1 6.6638
#2 7.6729
#3 6.7633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.2	44737.	4635.5	56.637	3510.6
Stddev	8.0	71.	18.1	1.410	5.6
%RSD	.24806	.15880	.39097	2.4900	.16058

#1	3202.0	44692.	4615.3	55.162	3504.1
#2	3215.8	44818.	4650.3	56.775	3514.0
#3	3215.9	44699.	4640.8	57.973	3513.8

Sample Name: CCB07 Acquired: 6/6/2019 18:52:51 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He 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	.00193	.00306	.00098	.00023	.00159	-.01089	-.00015	.00011
Stddev	.00063	.00031	.00134	.00201	.00100	.01111	.00065	.00004
%RSD	32.669	10.223	136.88	868.37	63.052	102.04	439.17	34.848
#1	.00265	.00333	.00227	-.00205	.00141	.00186	.00039	.00015
#2	.00166	.00314	-.00040	.00101	.00267	-.01853	.00004	.00007
#3	.00148	.00272	.00106	.00174	.00069	-.01598	-.00087	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00701	-.00023	.00003	-.00064	.00243	.00010	-.00449
Stddev	.00012	.01732	.00026	.00001	.00017	.00042	.00005	.04069
%RSD	82.750	247.14	115.22	33.743	26.568	17.295	46.615	907.03
#1	.00029	.01640	.00006	.00005	-.00060	.00291	.00012	.03416
#2	.00011	.01759	-.00028	.00003	-.00083	.00217	.00013	-.04694
#3	.00005	-.01298	-.00047	.00003	-.00050	.00220	.00005	-.00067
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00063	-.10100	.00037	-.00026	-.05101	-.00013	.00827
Stddev	.00040	.00050	.01352	.00023	.00004	.06734	.00022	.01079
%RSD	55.864	78.060	13.386	62.104	14.822	132.03	175.92	130.40
#1	.00083	-.00103	-.08545	.00011	-.00027	-.12429	.00003	.01966
#2	.00027	-.00008	-.10760	.00048	-.00030	-.03687	-.00003	-.00179
#3	.00106	-.00080	-.10995	.00052	-.00022	.00815	-.00038	.00695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00296	.00025	-.00168	-.00428	-.0042	.00000	F 4.4412
Stddev	.00174	.00201	.00050	.00243	.00121	.0003	.00002	.1811
%RSD	88.200	67.659	197.64	144.60	28.329	7.556	461.09	4.0772
#1	.00002	.00527	.00022	-.00270	-.00302	-.0038	.00000	4.3209
#2	.00253	.00162	-.00023	-.00343	-.00543	-.0044	-.00002	4.6495
#3	.00338	.00200	.00077	.00109	-.00439	-.0043	.00002	4.3533

Sample Name: CCB07 Acquired: 6/6/2019 18:52:51 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0268
Stddev .8523
%RSD 83.004

#1 1.8457
#2 .14464
#3 1.0901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.2	47065.	4719.2	60.045	3949.4
Stddev	12.5	231.	30.5	1.653	13.9
%RSD	.37116	.49076	.64629	2.7532	.35201

#1	3351.5	46813.	4684.6	58.327	3934.4
#2	3361.9	47267.	4742.3	60.182	3952.0
#3	3376.3	47117.	4730.7	61.625	3961.8

Sample Name: K3216-03 Acquired: 6/6/2019 18:57:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-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	.04031	-.00784	.07521	-.00180	.00712	116.19	.75577	.00693
Stddev	.00260	.00142	.00144	.00115	.00152	1.03	.00696	.00014
%RSD	6.4513	18.164	1.9209	63.480	21.357	.88622	.92145	2.0390
#1	.03795	-.00887	.07548	-.00308	.00566	115.27	.75054	.00693
#2	.03988	-.00621	.07365	-.00145	.00870	116.02	.75311	.00707
#3	.04310	-.00843	.07650	-.00087	.00700	117.30	.76368	.00679
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	1196.9	.11731	.04219	.09403	85.077	2.1226	72.895
Stddev	.00012	5.7	.00088	.00052	.00095	.170	.0057	.607
%RSD	10.619	.47796	.75265	1.2426	1.0068	.20019	.26814	.83250
#1	-.00113	1203.1	.11694	.04176	.09338	84.897	2.1181	72.255
#2	-.00105	1195.6	.11831	.04204	.09360	85.100	2.1290	72.968
#3	-.00129	1191.8	.11666	.04277	.09512	85.235	2.1207	73.462
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05708	-.01239	7.1442	.12407	.23164	10.148	.00384	.19479
Stddev	.00057	.00073	.0372	.00040	.00068	.144	.00021	.02542
%RSD	.99764	5.8738	.52001	.32253	.29154	1.4153	5.3407	13.050
#1	.05729	-.01316	7.1035	.12388	.23174	9.9987	.00368	.18358
#2	.05644	-.01228	7.1530	.12453	.23092	10.159	.00378	.22389
#3	.05752	-.01172	7.1762	.12380	.23227	10.285	.00407	.17690
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.956	.70875	-.00325	3.8585	.13561	4.461	5.6718	6.0811
Stddev	.075	.01097	.00033	.0046	.00041	.004	.0156	.1217
%RSD	.25156	1.5483	10.169	.11903	.30275	.0778	.27497	2.0014
#1	30.032	.71887	-.00342	3.8628	.13527	4.464	5.6897	6.1811
#2	29.954	.71029	-.00345	3.8588	.13607	4.457	5.6638	5.9456
#3	29.882	.69708	-.00286	3.8537	.13551	4.462	5.6618	6.1167

Sample Name: K3216-03 Acquired: 6/6/2019 18:57:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 104.72
Stddev	.91
%RSD	.86868

#1	103.67
#2	105.15
#3	105.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.9	41632.	4685.4	53.800	2986.1
Stddev	6.6	127.	44.5	.896	8.0
%RSD	.22373	.30520	.94927	1.6649	.26734

#1	2979.4	41774.	4649.5	53.005	2977.0
#2	2966.6	41529.	4671.6	53.626	2989.5
#3	2969.8	41594.	4735.1	54.770	2991.9

Sample Name: K3218-01 Acquired: 6/6/2019 19:01:43 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.04937	.00626	1.3506	.00642	.00671	107.36	.40791	.00815
Stddev	.00031	.00204	.0019	.00353	.00239	.45	.00110	.00010
%RSD	.63737	32.615	.13789	55.034	35.686	.41901	.27021	1.2530
#1	.04973	.00702	1.3519	.01048	.00903	107.73	.40875	.00827
#2	.04914	.00395	1.3484	.00404	.00425	106.86	.40666	.00809
#3	.04925	.00781	1.3514	.00474	.00684	107.50	.40831	.00809
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	35.952	.13505	.06835	.44294	146.54	1.4302	22.263
Stddev	.00016	.027	.00053	.00036	.00191	.71	.0029	.198
%RSD	1.8590	.07405	.39382	.52098	.43060	.48679	.20199	.88851
#1	.00871	35.925	.13566	.06794	.44407	147.28	1.4311	22.492
#2	.00904	35.954	.13471	.06859	.44073	145.86	1.4325	22.155
#3	.00887	35.978	.13477	.06852	.44400	146.47	1.4269	22.143
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10752	-.00497	1.5781	.20123	2.4865	4.7793	.00324	.22930
Stddev	.00138	.00016	.0193	.00138	.0019	.0412	.00030	.01082
%RSD	1.2870	3.3183	1.2213	.68778	.07520	.86132	9.1013	4.7186
#1	.10795	-.00482	1.5943	.20236	2.4875	4.8243	.00323	.22609
#2	.10598	-.00515	1.5568	.20164	2.4844	4.7701	.00296	.22044
#3	.10865	-.00495	1.5834	.19969	2.4877	4.7436	.00355	.24136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9365	4.1688	.08554	.77943	.10331	5.277	-.05104	1.6290
Stddev	.0097	.0382	.00113	.00030	.00201	.006	.00100	.1075
%RSD	.33003	.91684	1.3231	.03797	1.9412	.1177	1.9606	6.5994
#1	2.9341	4.1631	.08684	.77928	.10186	5.282	-.05206	1.5455
#2	2.9283	4.2095	.08479	.77977	.10560	5.278	-.05006	1.5912
#3	2.9472	4.1337	.08498	.77924	.10247	5.270	-.05100	1.7503

Sample Name: K3218-01 Acquired: 6/6/2019 19:01:43 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200035 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 242.35
Stddev	1.76
%RSD	.72710

#1	240.34
#2	243.62
#3	243.09

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.6	50450.	5280.3	58.398	3635.5
Stddev	4.0	288.	28.4	.954	4.7
%RSD	.11099	.57090	.53796	1.6336	.12926

#1	3573.3	50133.	5313.0	58.040	3639.7
#2	3576.1	50694.	5261.5	57.675	3636.4
#3	3568.3	50524.	5266.4	59.479	3630.4

Sample Name: K3218-04 Acquired: 6/6/2019 19:06:13 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07969	.00867	.28012	.00276	.00387	125.21	.34578	.01094
Stddev	.00263	.00215	.00157	.00431	.00309	.61	.00238	.00016
%RSD	3.3015	24.810	.56161	156.06	80.011	.48542	.68809	1.5060
#1	.07714	.00633	.27939	.00145	.00595	124.58	.34343	.01091
#2	.08240	.01056	.27904	.00758	.00534	125.80	.34819	.01080
#3	.07953	.00911	.28192	-.00074	.00031	125.26	.34571	.01112
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	42.208	.17887	.09136	.21913	211.96	3.0828	24.491
Stddev	.00036	.083	.00016	.00065	.00150	.75	.0021	.234
%RSD	12.574	.19667	.09114	.71217	.68458	.35514	.06729	.95583
#1	-.00295	42.128	.17886	.09071	.21747	211.46	3.0840	24.395
#2	-.00322	42.293	.17904	.09136	.21956	212.82	3.0804	24.758
#3	-.00250	42.202	.17871	.09201	.22038	211.59	3.0840	24.321
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10284	-.00841	3.0270	.28099	.71323	6.0660	.00283	.06755
Stddev	.00061	.00008	.0170	.00080	.00020	.0607	.00047	.00725
%RSD	.59761	.91097	.56213	.28642	.02867	1.0001	16.672	10.736
#1	.10300	-.00838	3.0088	.28192	.71310	5.9972	.00328	.05922
#2	.10335	-.00835	3.0424	.28050	.71347	6.1118	.00287	.07242
#3	.10215	-.00850	3.0298	.28056	.71313	6.0891	.00234	.07101
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70346	2.9892	.01104	.87164	.13456	5.246	-.17522	1.5254
Stddev	.00317	.0411	.00085	.00681	.00076	.007	.00083	.0190
%RSD	.45010	1.3750	7.6769	.78172	.56308	.1402	.47347	1.2448
#1	.70614	3.0260	.01051	.87825	.13469	5.239	-.17461	1.5272
#2	.70426	2.9448	.01059	.87202	.13524	5.248	-.17616	1.5434
#3	.69997	2.9968	.01202	.86464	.13374	5.253	-.17488	1.5056

Sample Name: K3218-04 Acquired: 6/6/2019 19:06:13 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 367.08
Stddev	6.64
%RSD	1.8097

#1	368.92
#2	359.70
#3	372.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.4	50055.	5259.1	58.739	3580.5
Stddev	11.2	117.	16.6	2.187	.3
%RSD	.31208	.23468	.31546	3.7234	.00958

#1	3581.5	50097.	5240.1	56.598	3580.1
#2	3586.0	49923.	5270.2	60.970	3580.6
#3	3564.8	50146.	5267.1	58.649	3580.8

Sample Name: K3218-07 Acquired: 6/6/2019 19:10:42 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12662	.01296	.32468	-.00087	.00692	127.87	.34958	.01257
Stddev	.00453	.00159	.00468	.00192	.00320	.59	.00230	.00013
%RSD	3.5770	12.287	1.4429	221.49	46.223	.46295	.65714	1.0280
#1	.12975	.01363	.32264	.00119	.00744	127.22	.34694	.01251
#2	.12143	.01410	.33004	-.00119	.00984	128.39	.35115	.01248
#3	.12869	.01114	.32136	-.00260	.00350	127.99	.35064	.01272
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	51.880	.13474	.07663	.23577	264.16	1.9811	24.879
Stddev	.00015	.213	.00026	.00072	.00178	1.19	.0041	.230
%RSD	6.9187	.41029	.19620	.93870	.75402	.45154	.20530	.92644
#1	-.00195	51.646	.13494	.07693	.23519	262.83	1.9776	24.891
#2	-.00219	52.062	.13484	.07715	.23435	265.14	1.9856	25.103
#3	-.00221	51.933	.13444	.07581	.23776	264.51	1.9800	24.643
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07331	-.01218	1.4869	.21648	.63643	5.3273	.00278	.07749
Stddev	.00089	.00042	.0075	.00024	.00562	.0345	.00040	.00690
%RSD	1.2187	3.4353	.50462	.10973	.88285	.64791	14.436	8.9006
#1	.07313	-.01246	1.4787	.21669	.64091	5.2894	.00312	.08545
#2	.07428	-.01170	1.4887	.21622	.63824	5.3569	.00234	.07339
#3	.07251	-.01237	1.4933	.21654	.63012	5.3356	.00289	.07362
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80558	3.8147	.00823	.50965	.14002	6.251	-.20325	1.3896
Stddev	.00293	.0715	.00082	.00229	.00158	.031	.00142	.2863
%RSD	.36380	1.8746	10.015	.44985	1.1276	.5016	.69962	20.605
#1	.80617	3.8960	.00918	.50706	.14160	6.245	-.20166	1.2127
#2	.80817	3.7615	.00778	.51142	.13844	6.285	-.20439	1.7200
#3	.80240	3.7867	.00772	.51046	.14002	6.223	-.20371	1.2362

Sample Name: K3218-07 Acquired: 6/6/2019 19:10:42 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 487.77
Stddev 3.99
%RSD .81862

#1 486.12
#2 484.86
#3 492.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.4	49735.	5238.0	59.544	3574.6
Stddev	12.2	100.	30.7	1.490	25.2
%RSD	.34192	.20136	.58654	2.5014	.70409

#1	3545.1	49640.	5212.1	57.828	3553.6
#2	3569.0	49726.	5272.0	60.504	3567.7
#3	3561.2	49839.	5230.0	60.300	3602.5

Sample Name: K3153-02 Acquired: 6/6/2019 19:15:11 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00019	.01073	.00191	.00161	.12530	.11158
Stddev	.00106	.00181	.00097	.00111	.00070	.00806	.00155
%RSD	683.25	966.68	9.0422	58.228	43.734	6.4289	1.3853

#1	-.00139	-.00008	.00963	.00111	.00209	.13039	.10990
#2	.00043	.00212	.01110	.00318	.00194	.12950	.11191
#3	.00049	-.00147	.01146	.00144	.00080	.11601	.11294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00043	58.763	.00069	.00133	.00461	.03504
Stddev	.00004	.00012	.146	.00021	.00008	.00079	.00031
%RSD	27.829	27.713	.24791	29.759	5.8633	17.228	.87636

#1	.00019	.00057	58.597	.00058	.00133	.00493	.03521
#2	.00011	.00039	58.823	.00093	.00140	.00370	.03523
#3	.00014	.00034	58.869	.00057	.00124	.00519	.03469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33790	1.6097	.00382	-.00061	303.62	-.00125	.04147
Stddev	.00080	.0494	.00059	.00071	3.98	.00013	.00010
%RSD	.23702	3.0685	15.398	116.27	1.3123	10.093	.23459

#1	.33710	1.6224	.00315	-.00112	303.42	-.00128	.04145
#2	.33870	1.6514	.00423	.00020	299.74	-.00136	.04138
#3	.33792	1.5551	.00409	-.00092	307.70	-.00111	.04157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4148	-.00030	.01263	1.0412	3.1187	.00079	-.00039
Stddev	.0652	.00022	.00824	.0077	.0243	.00090	.00066
%RSD	4.6108	71.326	65.196	.74380	.77808	113.51	171.80

#1	1.3592	-.00028	.01030	1.0370	3.1209	.00107	-.00017
#2	1.3985	-.00053	.00582	1.0364	3.1418	.00152	-.00113
#3	1.4866	-.00010	.02178	1.0501	3.0934	-.00021	.00014

Sample Name: K3153-02 Acquired: 6/6/2019 19:15:11 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.0009	.35161	6.3550	F<.00000
Stddev	.00068	.0020	.00034	.1214	1.2954
%RSD	77.195	219.8	.09562	1.9107	19.697

#1	.00111	.0005	.35122	6.2148	-7.6753
#2	.00142	-.0009	.35179	6.4250	-6.9069
#3	.00012	.0030	.35181	6.4253	-5.1483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.4	43033.	4636.0	56.710	3407.4
Stddev	3.1	46.	13.0	.411	15.2
%RSD	.10089	.10703	.28024	.72454	.44605

#1	3098.2	43085.	4623.4	57.063	3402.0
#2	3104.5	43017.	4635.3	56.807	3424.5
#3	3101.5	42998.	4649.3	56.259	3395.6

Sample Name: K3153-02DUP Acquired: 6/6/2019 19:19:46 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00100	.01113	-.00039	.00104	.11390	.11170
Stddev	.00220	.00234	.00056	.00517	.00071	.00506	.00093
%RSD	1870.4	235.36	5.0632	1317.7	68.424	4.4439	.82849

#1	.00184	.00124	.01174	.00401	.00048	.11897	.11092
#2	-.00236	.00321	.01063	.00090	.00080	.11387	.11272
#3	.00087	-.00146	.01101	-.00609	.00184	.10885	.11146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00045	58.964	.00042	.00137	.00464	.02637
Stddev	.00010	.00002	.329	.00024	.00015	.00072	.00043
%RSD	58.052	5.2698	.55743	57.431	11.148	15.410	1.6217

#1	.00024	.00046	58.954	.00061	.00152	.00547	.02687
#2	.00019	.00043	58.640	.00050	.00138	.00427	.02609
#3	.00006	.00047	59.297	.00015	.00121	.00420	.02616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33748	1.5378	.00374	-.00088	300.66	-.00089	.04147
Stddev	.00073	.0507	.00049	.00013	1.76	.00039	.00019
%RSD	.21618	3.2942	13.217	14.181	.58584	43.463	.45967

#1	.33803	1.5911	.00379	-.00100	298.78	-.00099	.04126
#2	.33665	1.5320	.00421	-.00075	300.93	-.00046	.04161
#3	.33776	1.4903	.00323	-.00091	302.27	-.00122	.04155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5400	-.00043	.00264	1.0421	3.1310	.00001	-.00063
Stddev	.0734	.00019	.00555	.0051	.0300	.00109	.00091
%RSD	4.7660	43.604	209.88	.48617	.95693	15010.	144.21

#1	1.4724	-.00022	-.00150	1.0469	3.1642	-.00005	-.00163
#2	1.5296	-.00051	.00895	1.0368	3.1059	-.00106	-.00040
#3	1.6181	-.00056	.00048	1.0427	3.1229	.00112	.00014

Sample Name: K3153-02DUP Acquired: 6/6/2019 19:19:46 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00437	.0017	.35170	6.4120	F<.00000
Stddev	.00053	.0009	.00118	.1636	.80524
%RSD	12.058	53.46	.33591	2.5516	10.675

#1	.00408	.0025	.35285	6.2302	-6.8390
#2	.00405	.0018	.35049	6.5475	-8.4212
#3	.00498	.0007	.35175	6.4583	-7.3698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.3	43135.	4654.8	58.397	3417.1
Stddev	11.9	65.	27.6	1.512	17.6
%RSD	.38241	.15026	.59338	2.5895	.51606

#1	3104.4	43107.	4623.8	56.721	3410.8
#2	3106.5	43209.	4676.9	58.810	3403.5
#3	3126.0	43089.	4663.8	59.659	3437.1

Sample Name: K3153-02LX5 Acquired: 6/6/2019 19:24:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8282 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00226	.00358	.00267	.00023	.00184	.02006
Stddev	.00118	.00032	.00049	.00310	.00070	.00710	.00032
%RSD	408.58	13.978	13.725	116.28	302.15	386.87	1.5774

#1	-.00075	.00223	.00392	.00298	.00003	-.00626	.01974
#2	.00006	.00258	.00302	.00561	.00101	.00474	.02007
#3	.00156	.00195	.00380	-.00058	-.00035	.00702	.02037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00008	11.760	.01833	.00050	.00008	.08829
Stddev	.00006	.00001	.095	.00032	.00037	.00056	.00090
%RSD	48.434	13.245	.81018	1.7249	75.123	709.26	1.0154

#1	.00006	.00009	11.666	.01866	.00029	.00032	.08838
#2	.00017	.00008	11.856	.01803	.00093	.00048	.08914
#3	.00016	.00007	11.759	.01829	.00028	-.00056	.08736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06841	.27649	.01225	-.00008	57.546	.00002	.01190
Stddev	.00042	.05336	.00021	.00024	.244	.00046	.00016
%RSD	.61246	19.301	1.7036	285.47	.42455	2038.6	1.3766

#1	.06856	.26788	.01218	-.00023	57.431	.00055	.01185
#2	.06873	.22795	.01248	-.00021	57.381	-.00027	.01177
#3	.06794	.33363	.01208	.00019	57.827	-.00021	.01208

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33181	.00166	-.00017	.19974	.64948	-.00025	-.00191
Stddev	.02627	.00036	.00749	.00560	.00360	.00042	.00253
%RSD	7.9172	21.682	4532.4	2.8019	.55467	167.26	132.33

#1	.34487	.00128	-.00716	.20564	.65361	-.00050	.00015
#2	.30157	.00200	.00774	.19909	.64696	.00023	-.00474
#3	.34898	.00170	-.00108	.19450	.64787	-.00049	-.00115

Sample Name: K3153-02LX5 Acquired: 6/6/2019 19:24:20 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8282 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.0043	.06953	5.3233	F<.00000
Stddev	.00139	.0024	.00046	.1554	.32436
%RSD	277.68	55.20	.66457	2.9190	24.351

#1	-.00033	-.0070	.06900	5.3658	-1.1840
#2	.00080	-.0032	.06988	5.1511	-1.1081
#3	-.00197	-.0027	.06970	5.4530	-1.7040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.5	45507.	4660.8	58.947	3709.6
Stddev	10.5	77.	13.3	1.756	4.4
%RSD	.32037	.16859	.28559	2.9796	.11763

#1	3283.1	45453.	4645.9	58.174	3706.8
#2	3276.5	45473.	4665.3	57.709	3707.3
#3	3297.1	45595.	4671.4	60.957	3714.6

Sample Name: K3153-02MS Acquired: 6/6/2019 19:28:46 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 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	.84017	1.9827	1.0129	2.1158	.85398	2.0890	.31122	.21356	.19685
Stddev	.00104	.0040	.0060	.0091	.00321	.0083	.00238	.00056	.00035
%RSD	.12400	.20130	.59655	.42785	.37605	.39731	.76610	.26306	.18020

#1	.83984	1.9782	1.0180	2.1069	.85322	2.0794	.31108	.21294	.19723
#2	.84133	1.9859	1.0062	2.1250	.85122	2.0930	.31367	.21373	.19652
#3	.83933	1.9840	1.0144	2.1155	.85750	2.0945	.30891	.21402	.19679

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.010	.40175	.20913	.31378	3.1243	.51771	3.4968	.50224	.07105
Stddev	.400	.00108	.00074	.00086	.0046	.00127	.0200	.00088	.00071
%RSD	.70090	.26981	.35152	.27425	.14662	.24438	.57241	.17562	1.0021

#1	56.671	.40162	.20995	.31302	3.1193	.51631	3.5172	.50326	.07161
#2	56.909	.40073	.20853	.31472	3.1253	.51877	3.4772	.50180	.07130
#3	57.450	.40289	.20891	.31362	3.1283	.51806	3.4959	.50167	.07025

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	279.28	.29349	.25794	12.272	.44237	.28822	.95085	3.7920	.71876
Stddev	.94	.00085	.00040	.049	.00129	.00836	.00328	.0321	.00142
%RSD	.33760	.29040	.15508	.40132	.29165	2.8992	.34541	.84569	.19700

#1	279.06	.29285	.25839	12.263	.44143	.29505	.94973	3.7850	.71853
#2	280.32	.29446	.25782	12.325	.44384	.29069	.95455	3.7639	.71747
#3	278.47	.29317	.25762	12.228	.44183	.27890	.94827	3.8269	.72028

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20565	.19631	6.377	.53055	6.8610	2.2483
Stddev	.00136	.00033	.013	.00097	.1694	.4357
%RSD	.66145	.16989	.1971	.18368	2.4696	19.381

#1	.20523	.19657	6.389	.53018	6.7684	2.6000
#2	.20454	.19643	6.379	.52981	7.0565	2.3841
#3	.20716	.19593	6.364	.53165	6.7580	1.7608

Sample Name: K3153-02MS Acquired: 6/6/2019 19:28:46 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 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	3088.8	43268.	4556.5	57.941	3402.7
Stddev	8.6	63.	24.9	.619	12.1
%RSD	.27872	.14577	.54700	1.0680	.35642
#1	3079.3	43196.	4564.1	58.649	3388.9
#2	3091.0	43295.	4576.8	57.668	3407.3
#3	3096.1	43314.	4528.7	57.505	3411.9

Sample Name: K3153-02MSD Acquired: 6/6/2019 19:33:01 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 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	.83502	1.9764	1.0074	2.1195	.85556	2.0544	.31008	.21350	.19600
Stddev	.00288	.0043	.0036	.0100	.00060	.0199	.00132	.00072	.00014
%RSD	.34499	.21716	.35605	.47216	.07052	.96615	.42439	.33725	.07134
#1	.83833	1.9731	1.0039	2.1166	.85608	2.0317	.30873	.21342	.19584
#2	.83362	1.9813	1.0111	2.1306	.85569	2.0684	.31136	.21282	.19607
#3	.83310	1.9748	1.0072	2.1112	.85490	2.0631	.31016	.21425	.19609
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.697	.40170	.20883	.31196	3.1182	.51703	3.4726	.50170	.07090
Stddev	.157	.00097	.00026	.00119	.0049	.00055	.0251	.00117	.00034
%RSD	.27629	.24246	.12676	.38132	.15816	.10734	.72334	.23245	.47676
#1	56.626	.40150	.20854	.31078	3.1225	.51686	3.4830	.50181	.07124
#2	56.589	.40083	.20906	.31316	3.1129	.51658	3.4909	.50280	.07056
#3	56.877	.40275	.20888	.31196	3.1193	.51765	3.4440	.50048	.07090
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	278.46	.29256	.25701	12.255	.44276	.30246	.93919	3.7615	.71715
Stddev	.30	.00016	.00052	.125	.00051	.00786	.00317	.0291	.00161
%RSD	.10816	.05610	.20140	1.0204	.11445	2.5997	.33732	.77355	.22386
#1	278.54	.29271	.25656	12.110	.44233	.29402	.94112	3.7922	.71890
#2	278.13	.29260	.25758	12.331	.44263	.30376	.94091	3.7343	.71573
#3	278.72	.29239	.25689	12.323	.44332	.30959	.93553	3.7579	.71684
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20608	.19464	6.345	.52681	6.9524	1.6474			
Stddev	.00236	.00123	.011	.00089	.2492	1.2401			
%RSD	1.1459	.63354	.1658	.16909	3.5845	75.274			
#1	.20678	.19566	6.344	.52783	6.8799	.67207			
#2	.20345	.19498	6.356	.52619	7.2298	1.2272			
#3	.20801	.19327	6.335	.52640	6.7475	3.0431			

Sample Name: K3153-02MSD Acquired: 6/6/2019 19:33:01 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 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	3104.1	43378.	4588.9	57.826	3424.7
Stddev	4.2	103.	38.8	1.183	6.7
%RSD	.13602	.23773	.84594	2.0459	.19658
#1	3099.8	43290.	4545.2	56.682	3419.5
#2	3108.2	43492.	4619.5	59.045	3432.3
#3	3104.3	43352.	4602.1	57.752	3422.4

Sample Name: K3153-02A Acquired: 6/6/2019 19:37:17 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8282 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	.83838	1.9850	1.0072	2.1250	.85286	2.0751	.30981	.21290	.19615
Stddev	.00232	.0067	.0012	.0066	.00312	.0056	.00255	.00048	.00026
%RSD	.27683	.33580	.12276	.31067	.36623	.26761	.82376	.22562	.13218

#1	.84095	1.9774	1.0086	2.1313	.85363	2.0693	.30691	.21320	.19590
#2	.83646	1.9874	1.0067	2.1255	.85553	2.0804	.31171	.21234	.19612
#3	.83771	1.9900	1.0063	2.1181	.84942	2.0755	.31081	.21315	.19642

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.803	.39985	.20893	.31239	3.1141	.51605	3.4939	.50143	.07034
Stddev	.242	.00131	.00059	.00113	.0034	.00061	.0262	.00020	.00038
%RSD	.42518	.32872	.28286	.36146	.10978	.11901	.75003	.04034	.53855

#1	56.765	.39944	.20866	.31339	3.1180	.51675	3.4801	.50163	.07067
#2	56.583	.39879	.20853	.31116	3.1125	.51570	3.5241	.50122	.06992
#3	57.061	.40132	.20961	.31260	3.1118	.51568	3.4775	.50143	.07041

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	276.29	.29071	.25460	12.280	.44210	.29468	.94771	3.7701	.71749
Stddev	1.28	.00196	.00059	.136	.00074	.00840	.00310	.0171	.00417
%RSD	.46438	.67281	.23204	1.1041	.16691	2.8501	.32701	.45302	.58126

#1	277.68	.29297	.25396	12.166	.44295	.28694	.94516	3.7775	.71594
#2	275.14	.28969	.25472	12.430	.44174	.30361	.94681	3.7505	.71432
#3	276.06	.28948	.25513	12.244	.44161	.29348	.95116	3.7822	.72221

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20288	.19380	6.360	.52806	6.8596	1.4345
Stddev	.00102	.00130	.013	.00264	.0723	1.6700
%RSD	.50032	.66999	.2080	.49905	1.0546	116.41

#1	.20399	.19237	6.357	.52762	6.7798	-.49265
#2	.20264	.19410	6.349	.52567	6.9209	2.3412
#3	.20200	.19492	6.375	.53089	6.8781	2.4550

Sample Name: K3153-02A Acquired: 6/6/2019 19:37:17 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8282 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	3097.7	43504.	4585.4	58.124	3419.2
Stddev	10.2	141.	24.7	1.298	7.1
%RSD	.32768	.32317	.53873	2.2332	.20722
#1	3086.0	43351.	4564.0	59.594	3415.7
#2	3103.9	43628.	4612.4	57.138	3427.3
#3	3103.3	43535.	4579.9	57.639	3414.5

Sample Name: CCV08 Acquired: 6/6/2019 19:41:33 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2998	5.3016	5.2006	5.2636	5.4588	9.6246	10.111	.27034
Stddev	.0159	.0152	.0142	.0131	.0077	.0450	.023	.00039
%RSD	.30009	.28627	.27348	.24824	.14113	.46767	.22801	.14444
#1	5.2964	5.3043	5.2121	5.2533	5.4522	9.5987	10.087	.27035
#2	5.2858	5.2852	5.1847	5.2592	5.4569	9.5985	10.133	.26994
#3	5.3171	5.3152	5.2051	5.2783	5.4673	9.6766	10.114	.27072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4932	24.398	.99031	2.6116	1.2854	5.1829	2.5942	25.808
Stddev	.0039	.030	.00282	.0058	.0036	.0121	.0030	.137
%RSD	.15709	.12324	.28426	.22275	.27796	.23312	.11580	.53207
#1	2.4938	24.383	.98711	2.6148	1.2813	5.1713	2.5948	25.774
#2	2.4890	24.379	.99147	2.6048	1.2880	5.1819	2.5910	25.691
#3	2.4967	24.433	.99237	2.6151	1.2868	5.1954	2.5970	25.960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5248	1.2605	24.079	2.3500	2.6820	25.827	5.4200	4.8720
Stddev	.0069	.0006	.059	.0039	.0047	.061	.0080	.0252
%RSD	.27372	.04896	.24604	.16621	.17696	.23492	.14676	.51639
#1	2.5276	1.2603	24.010	2.3464	2.6847	25.758	5.4186	4.8503
#2	2.5169	1.2612	24.114	2.3496	2.6765	25.872	5.4129	4.8661
#3	2.5298	1.2600	24.111	2.3542	2.6847	25.851	5.4286	4.8996
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0489	4.8962	5.2159	5.0898	4.5621	5.289	5.1727	F 6.3816
Stddev	.0134	.0058	.0083	.0061	.0052	.007	.0028	.1249
%RSD	.26480	.11874	.15841	.12037	.11318	.1284	.05465	1.9573
#1	5.0341	4.8969	5.2251	5.0829	4.5670	5.288	5.1719	6.4412
#2	5.0601	4.9017	5.2092	5.0944	4.5627	5.282	5.1759	6.2381
#3	5.0525	4.8901	5.2133	5.0923	4.5567	5.296	5.1704	6.4657

Sample Name: CCV08 Acquired: 6/6/2019 19:41:33 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15077 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.3438
Stddev	1.3027
%RSD	20.535

#1	6.8843
#2	7.2893
#3	4.8578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.9	45132.	4659.4	57.970	3527.5
Stddev	4.3	42.	14.6	1.229	8.1
%RSD	.13389	.09391	.31431	2.1202	.23020

#1	3221.3	45085.	4642.8	57.444	3518.2
#2	3223.7	45166.	4664.9	59.374	3530.6
#3	3229.7	45145.	4670.4	57.091	3533.5

Sample Name: CCB08 Acquired: 6/6/2019 19:45:31 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	.00326	.00098	.00177	.00013	-.01546	-.00030	.00008
Stddev	.00225	.00062	.00056	.00175	.00059	.00475	.00011	.00001
%RSD	93.741	18.948	57.470	99.144	463.43	30.708	37.222	9.4551
#1	.00153	.00335	.00102	.00026	-.00048	-.01195	-.00020	.00009
#2	.00071	.00383	.00152	.00369	.00070	-.02086	-.00042	.00009
#3	.00496	.00260	.00040	.00136	.00016	-.01357	-.00029	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00537	-.00019	-.00002	-.00081	.00111	.00009	.00183
Stddev	.00003	.01409	.00023	.00009	.00011	.00070	.00005	.03443
%RSD	25.812	262.41	120.25	499.74	13.755	62.805	55.240	1880.9
#1	.00012	-.00779	-.00007	-.00005	-.00088	.00180	.00006	.03932
#2	.00008	.00366	-.00005	-.00010	-.00087	.00111	.00015	-.00546
#3	.00012	.02024	-.00045	.00009	-.00068	.00041	.00006	-.02837
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00030	-.04273	-.00010	-.00023	-.00636	.00003	-.01281
Stddev	.00025	.00042	.01135	.00053	.00004	.04115	.00037	.01906
%RSD	50.657	141.60	26.567	529.49	19.240	647.25	1217.4	148.82
#1	.00077	-.00075	-.05430	-.00001	-.00019	-.03819	.00006	-.00496
#2	.00037	.00008	-.04229	-.00067	-.00022	.04011	-.00035	-.03454
#3	.00032	-.00022	-.03160	.00038	-.00028	-.02099	.00038	.00107
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	.00514	-.00056	.00042	-.00154	-.0040	.00005	F 4.7703
Stddev	.00412	.00068	.00032	.00107	.00133	.0008	.00002	.1241
%RSD	323.95	13.258	57.610	254.00	86.707	20.50	42.019	2.6009
#1	.00268	.00437	-.00086	.00131	-.00255	-.0036	.00005	4.6933
#2	-.00553	.00566	-.00021	.00073	-.00003	-.0035	.00006	4.9134
#3	-.00096	.00539	-.00061	-.00077	-.00202	-.0050	.00002	4.7042

Sample Name: CCB08 Acquired: 6/6/2019 19:45:31 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15077 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4965
Stddev	.9628
%RSD	64.338

#1	2.5630
#2	.69121
#3	1.2354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.7	47067.	4685.5	58.792	3961.5
Stddev	10.1	113.	27.2	1.088	9.3
%RSD	.29925	.24011	.57985	1.8503	.23414

#1	3361.2	46936.	4656.1	59.766	3950.9
#2	3377.0	47126.	4690.7	58.993	3965.6
#3	3380.0	47137.	4709.7	57.618	3968.1

Sample Name: K3153-04 Acquired: 6/6/2019 19:50:00 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00040	.00639	.00178	.00088	.17175	.09982
Stddev	.00105	.00100	.00046	.00437	.00091	.01537	.00131
%RSD	111.10	251.10	7.1932	245.67	104.00	8.9497	1.3087

#1	.00201	.00030	.00594	-.00304	.00067	.18331	.09832
#2	.00089	.00144	.00637	.00550	.00009	.15431	.10043
#3	-.00008	-.00055	.00686	.00288	.00188	.17764	.10070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00008	24.004	.00053	.00176	.00402	.02140
Stddev	.00006	.00002	.119	.00037	.00032	.00008	.00064
%RSD	39.784	31.256	.49631	69.552	18.089	2.0508	2.9819

#1	.00009	.00008	23.913	.00016	.00211	.00393	.02122
#2	.00021	.00005	23.961	.00089	.00149	.00408	.02211
#3	.00014	.00010	24.139	.00054	.00168	.00406	.02087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35279	1.5906	.00391	-.00038	295.24	-.00177	.01724
Stddev	.00128	.0528	.00035	.00001	.40	.00028	.00016
%RSD	.36309	3.3179	9.0698	3.2765	.13623	15.718	.94280

#1	.35191	1.5700	.00392	-.00037	295.70	-.00185	.01736
#2	.35426	1.6506	.00356	-.00037	295.00	-.00199	.01730
#3	.35220	1.5513	.00427	-.00039	295.01	-.00146	.01706

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4061	-.00023	-.00355	.58435	1.5426	.00160	.00112
Stddev	.0312	.00025	.02987	.00478	.0066	.00059	.00097
%RSD	2.2188	108.75	841.08	.81860	.42838	36.971	86.108

#1	1.3923	-.00021	.01579	.58863	1.5461	.00127	.00031
#2	1.3842	-.00049	.01152	.57919	1.5349	.00228	.00088
#3	1.4418	.00001	-.03796	.58523	1.5467	.00125	.00219

Sample Name: K3153-04 Acquired: 6/6/2019 19:50:00 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.0032	.15879	7.0035	F<.00000
Stddev	.00242	.0012	.00087	.2133	1.2257
%RSD	153.96	37.69	.54616	3.0462	15.296
#1	.00016	-.0045	.15829	6.7572	-6.6102
#2	-.00054	-.0024	.15829	7.1250	-8.8770
#3	-.00434	-.0025	.15979	7.1283	-8.5518
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.5	43420.	4608.4	58.155	3452.4
Stddev	18.5	221.	20.7	1.590	.8
%RSD	.59092	.50836	.44860	2.7342	.02455
#1	3127.8	43170.	4586.6	56.584	3452.3
#2	3125.8	43501.	4627.7	59.764	3453.3
#3	3158.9	43588.	4610.8	58.118	3451.6

Sample Name: K3153-06 Acquired: 6/6/2019 19:54:35 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	.00049	.02998	.00261	.00021	.12670	.08190
Stddev	.00024	.00054	.00058	.00090	.00174	.01126	.00053
%RSD	10.291	108.97	1.9384	34.543	814.10	8.8866	.64510

#1	-.00212	.00074	.02934	.00329	-.00046	.12894	.08137
#2	-.00220	.00086	.03046	.00159	.00219	.13667	.08188
#3	-.00257	-.00012	.03016	.00296	-.00109	.11449	.08243

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00029	18.307	.00021	.00133	.00361	.03700
Stddev	.00010	.00008	.149	.00024	.00022	.00023	.00073
%RSD	81.651	26.711	.81139	112.19	16.812	6.3625	1.9608

#1	.00004	.00038	18.140	.00048	.00142	.00387	.03624
#2	.00009	.00029	18.356	.00002	.00150	.00344	.03706
#3	.00024	.00022	18.425	.00014	.00108	.00352	.03769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33554	.88891	.00183	-.00057	300.62	-.00094	.03088
Stddev	.00054	.04023	.00012	.00031	1.60	.00024	.00028
%RSD	.16043	4.5260	6.7930	53.502	.53237	25.381	.90881

#1	.33505	.84270	.00185	-.00091	300.46	-.00067	.03120
#2	.33611	.91614	.00169	-.00050	302.29	-.00104	.03079
#3	.33546	.90789	.00194	-.00031	299.10	-.00112	.03066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67057	-.00057	-.00401	.43011	.82869	.00121	.00069
Stddev	.04408	.00032	.00361	.00562	.00876	.00032	.00073
%RSD	6.5743	56.562	89.913	1.3069	1.0577	26.097	105.11

#1	.62678	-.00031	-.00747	.43250	.83809	.00123	.00006
#2	.66998	-.00047	-.00027	.42369	.82074	.00152	.00053
#3	.71495	-.00093	-.00430	.43415	.82723	.00089	.00148

Sample Name: K3153-06 Acquired: 6/6/2019 19:54:35 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-060519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00243	-.0028	.06662	7.0235	F<.00000
Stddev	.00129	.0007	.00031	.2103	.21662
%RSD	53.134	24.23	.46013	2.9946	2.6851
#1	.00136	-.0021	.06627	6.7877	-7.9605
#2	.00206	-.0032	.06675	7.1915	-7.9248
#3	.00386	-.0032	.06684	7.0914	-8.3166
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.4	43491.	4625.2	57.784	3442.4
Stddev	7.3	53.	14.0	.745	4.0
%RSD	.23224	.12292	.30173	1.2889	.11747
#1	3120.0	43431.	4610.6	57.814	3438.8
#2	3134.3	43534.	4626.7	58.514	3441.8
#3	3124.8	43508.	4638.3	57.025	3446.8

Sample Name: K3156-02 Acquired: 6/6/2019 19:59:11 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-060519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00017	.00497	.00392	.00283	.08930	.10596
Stddev	.00102	.00239	.00089	.00338	.00134	.00293	.00049
%RSD	398.29	1390.7	17.984	86.257	47.422	3.2825	.46273

#1	-.00021	-.00274	.00397	.00090	.00375	.08686	.10590
#2	.00142	.00022	.00522	.00330	.00129	.09255	.10550
#3	-.00045	.00200	.00571	.00758	.00345	.08850	.10647

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00005	19.003	.00004	.00668	.00295	.04349
Stddev	.00009	.00009	.108	.00012	.00012	.00021	.00098
%RSD	44.759	166.68	.57061	280.51	1.7385	7.1576	2.2636

#1	.00031	.00003	18.882	.00016	.00656	.00286	.04272
#2	.00013	-.00002	19.035	.00004	.00679	.00319	.04460
#3	.00018	.00015	19.091	-.00007	.00669	.00280	.04315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55314	6.1435	.00333	-.00019	270.27	-.00240	.02290
Stddev	.00058	.0988	.00044	.00035	.98	.00035	.00008
%RSD	.10538	1.6080	13.188	184.19	.36407	14.734	.36545

#1	.55366	6.0608	.00335	-.00055	269.90	-.00203	.02299
#2	.55251	6.1167	.00376	.00015	269.52	-.00244	.02288
#3	.55325	6.2529	.00288	-.00016	271.38	-.00274	.02283

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88641	-.00049	.00224	.17597	.59979	.00091	.00220
Stddev	.05672	.00023	.01693	.00498	.00329	.00037	.00208
%RSD	6.3994	45.835	754.58	2.8321	.54933	40.032	94.628

#1	.83439	-.00031	.02162	.18167	.59984	.00126	.00150
#2	.87797	-.00043	-.00523	.17243	.60306	.00094	.00453
#3	.94689	-.00075	-.00966	.17380	.59647	.00053	.00055

Sample Name: K3156-02 Acquired: 6/6/2019 19:59:11 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-060519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00255	-.0053	.04466	6.5966	F<.00000
Stddev	.00067	.0005	.00020	.0361	1.2345
%RSD	26.422	9.289	.44682	.54732	17.643

#1	.00251	-.0055	.04445	6.5729	-5.5997
#2	.00325	-.0048	.04468	6.6382	-7.9396
#3	.00190	-.0057	.04485	6.5788	-7.4517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.6	43814.	4631.4	58.084	3463.4
Stddev	6.3	52.	17.3	1.800	16.0
%RSD	.19985	.11930	.37281	3.0982	.46337

#1	3131.5	43829.	4611.5	57.175	3481.9
#2	3132.4	43857.	4640.3	60.157	3455.8
#3	3142.8	43756.	4642.3	56.920	3452.6

Sample Name: K3192-02 Acquired: 6/6/2019 20:03:47 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00132	.01616	.00165	.00070	.09795	.34510
Stddev	.00177	.00141	.00059	.00403	.00250	.01415	.00063
%RSD	361.19	107.27	3.6407	245.07	358.18	14.444	.18128

#1	.00253	-.00002	.01669	.00519	.00279	.10326	.34453
#2	-.00059	-.00283	.01626	-.00274	-.00208	.10868	.34500
#3	-.00047	-.00111	.01553	.00249	.00138	.08191	.34577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00014	11.581	.00021	.01123	.00078	1.6383
Stddev	.00005	.00013	.045	.00034	.00016	.00040	.0061
%RSD	17.530	90.619	.38771	159.71	1.4590	50.726	.37360

#1	.00025	.00004	11.560	-.00010	.01125	.00040	1.6313
#2	.00034	.00029	11.633	.00016	.01138	.00075	1.6422
#3	.00027	.00010	11.551	.00057	.01106	.00119	1.6415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93560	2.2537	.01294	-.00018	287.55	-.00339	.10461
Stddev	.00009	.0684	.00027	.00057	1.96	.00008	.00036
%RSD	.00909	3.0335	2.0578	310.80	.68182	2.3472	.34567

#1	.93569	2.1845	.01295	-.00073	287.66	-.00344	.10450
#2	.93552	2.3212	.01266	.00041	289.45	-.00330	.10431
#3	.93558	2.2556	.01319	-.00024	285.53	-.00344	.10501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1366	-.00046	.04535	.30369	.60541	.00051	.00060
Stddev	.0234	.00018	.01774	.00544	.00319	.00053	.00200
%RSD	1.0961	38.633	39.127	1.7924	.52749	104.69	334.75

#1	2.1121	-.00029	.06554	.30216	.60229	-.00007	.00033
#2	2.1588	-.00044	.03224	.30973	.60526	.00098	.00272
#3	2.1388	-.00065	.03826	.29917	.60867	.00062	-.00125

Sample Name: K3192-02 Acquired: 6/6/2019 20:03:47 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.0057	.07572	6.7815	F<.00000
Stddev	.00082	.0012	.00014	.1271	.89809
%RSD	93.449	21.54	.18125	1.8739	16.777

#1	.00097	-.0056	.07568	6.7038	-6.3489
#2	.00002	-.0046	.07587	6.7125	-5.1057
#3	.00166	-.0070	.07561	6.9281	-4.6046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.7	43732.	4657.5	58.331	3454.7
Stddev	4.8	73.	12.4	1.422	5.5
%RSD	.15384	.16803	.26615	2.4378	.15781

#1	3134.1	43693.	4658.8	57.102	3454.7
#2	3124.6	43687.	4644.4	58.002	3449.3
#3	3130.5	43817.	4669.1	59.889	3460.2

Sample Name: K3196-01 Acquired: 6/6/2019 20:08:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	.00008	.05873	.00329	.00176	.16544	.40270
Stddev	.00076	.00197	.00103	.00164	.00069	.00682	.00373
%RSD	8.9040	2356.3	1.7517	49.896	39.504	4.1206	.92505

#1	.00803	.00198	.05942	.00516	.00096	.17103	.40615
#2	.00816	.00023	.05922	.00264	.00208	.16744	.40319
#3	.00941	-.00196	.05755	.00208	.00223	.15785	.39875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00023	15.169	.00016	.00111	.00024	.19763
Stddev	.00004	.00001	.084	.00020	.00016	.00031	.00206
%RSD	37.634	2.2454	.55158	125.09	14.156	129.58	1.0445

#1	.00012	.00023	15.078	.00027	.00108	-.00000	.19995
#2	.00007	.00022	15.243	.00028	.00128	.00059	.19694
#3	.00016	.00023	15.186	-.00007	.00097	.00013	.19600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36157	1.3828	-.00017	-.00013	255.96	-.00010	.25806
Stddev	.00028	.0539	.00027	.00038	2.23	.00016	.00076
%RSD	.07730	3.8985	160.61	301.43	.87003	157.78	.29624

#1	.36173	1.4039	-.00023	-.00020	255.68	.00004	.25792
#2	.36173	1.4229	-.00040	-.00046	253.89	-.00008	.25889
#3	.36125	1.3215	.00013	.00028	258.31	-.00028	.25738

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7786	-.00022	.11027	.44426	.44252	.00079	.00773
Stddev	.0152	.00020	.02585	.00127	.00372	.00057	.00155
%RSD	.85665	87.793	23.446	.28545	.83975	71.761	20.022

#1	1.7820	-.00035	.13666	.44559	.43901	.00069	.00907
#2	1.7619	-.00033	.10917	.44307	.44213	.00028	.00604
#3	1.7918	.00000	.08499	.44412	.44641	.00140	.00807

Sample Name: K3196-01 Acquired: 6/6/2019 20:08:20 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.0275	.09442	6.7601	F<.00000
Stddev	.00057	.0018	.00038	.1712	1.4315
%RSD	49.491	6.570	.40105	2.5325	18.002

#1	.00105	.0295	.09421	6.7626	-8.6100
#2	.00177	.0268	.09486	6.5877	-6.3099
#3	.00064	.0261	.09419	6.9301	-8.9363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.6	43766.	4606.6	57.880	3501.3
Stddev	2.7	123.	26.5	.746	12.4
%RSD	.08641	.28211	.57470	1.2897	.35465

#1	3140.1	43627.	4627.2	57.602	3490.5
#2	3140.0	43864.	4615.7	58.725	3498.5
#3	3144.8	43807.	4576.7	57.311	3514.9

Sample Name: K3198-01 Acquired: 6/6/2019 20:12:54 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-DPC-816 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	.00163	.01156	.00385	.00355	-.03925	.38108
Stddev	.00175	.00030	.00070	.00271	.00100	.00873	.00062
%RSD	109.91	18.646	6.0628	70.564	28.071	22.247	.16168

#1	-.00143	.00166	.01181	.00485	.00378	-.02916	.38154
#2	.00007	.00131	.01210	.00077	.00442	-.04420	.38038
#3	-.00342	.00192	.01077	.00592	.00246	-.04437	.38132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00040	123.96	.00015	.00072	.00287	.00808
Stddev	.00010	.00010	.88	.00030	.00025	.00030	.00029
%RSD	150.68	24.948	.70917	191.41	35.463	10.500	3.5712

#1	.00013	.00049	123.64	-.00006	.00098	.00260	.00792
#2	.00011	.00030	124.95	.00004	.00071	.00280	.00841
#3	-.00005	.00042	123.28	.00049	.00047	.00319	.00790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47812	3.0536	.00829	-.00133	281.24	-.00181	.38418
Stddev	.00059	.1149	.00015	.00027	1.08	.00059	.00089
%RSD	.12437	3.7614	1.8250	20.459	.38443	32.416	.23256

#1	.47751	3.1657	.00816	-.00108	282.44	-.00246	.38453
#2	.47815	2.9362	.00825	-.00129	280.33	-.00165	.38485
#3	.47869	3.0590	.00846	-.00162	280.95	-.00132	.38317

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2372	-.00019	.03614	2.2622	1.9390	.00091	-.00413
Stddev	.0762	.00017	.01376	.0136	.0095	.00068	.00093
%RSD	3.4059	92.280	38.083	.59881	.49029	74.674	22.506

#1	2.1494	.00001	.02287	2.2776	1.9358	.00047	-.00469
#2	2.2865	-.00031	.03521	2.2519	1.9497	.00170	-.00464
#3	2.2756	-.00026	.05035	2.2572	1.9315	.00057	-.00306

Sample Name: K3198-01 Acquired: 6/6/2019 20:12:54 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-DPC-816 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01420	.0027	.44263	6.9499	F<.00000
Stddev	.00146	.0012	.00382	.0360	.66857
%RSD	10.298	44.12	.86379	.51759	7.8778

#1	.01328	.0016	.44105	6.9111	-8.8221
#2	.01589	.0026	.44700	6.9563	-7.7169
#3	.01343	.0040	.43986	6.9822	-8.9214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3072.6	42807.	4571.7	57.548	3395.4
Stddev	8.2	119.	31.2	.878	18.9
%RSD	.26843	.27914	.68268	1.5257	.55692

#1	3063.1	42729.	4554.4	57.203	3382.1
#2	3077.7	42746.	4553.0	56.895	3386.9
#3	3077.0	42944.	4607.8	58.547	3417.0

Sample Name: K3198-02 Acquired: 6/6/2019 20:17:27 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-DPC-816 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.00100	.03157	.00453	.00217	-.01596	.18949
Stddev	.00120	.00013	.00097	.00185	.00129	.01187	.00043
%RSD	40.922	13.036	3.0742	40.894	59.680	74.379	.22810

#1	-.00243	-.00098	.03269	.00437	.00190	-.02166	.18921
#2	-.00206	-.00089	.03104	.00646	.00103	-.00231	.18927
#3	-.00430	-.00114	.03098	.00276	.00358	-.02391	.18998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00214	78.176	.00076	.00410	.01972	.05801
Stddev	.00013	.00004	.088	.00015	.00035	.00029	.00072
%RSD	367.90	1.8029	.11282	19.616	8.6038	1.4908	1.2340

#1	.00000	.00210	78.168	.00062	.00408	.02002	.05774
#2	-.00008	.00217	78.092	.00075	.00376	.01943	.05746
#3	.00018	.00216	78.268	.00092	.00446	.01972	.05882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69233	3.5024	.01986	-.00157	265.20	-.00280	1.8430
Stddev	.00078	.0492	.00052	.00018	.51	.00016	.0022
%RSD	.11304	1.4043	2.6285	11.141	.19307	5.8297	.11922

#1	.69148	3.5390	.02021	-.00137	265.71	-.00271	1.8416
#2	.69249	3.5218	.01926	-.00168	264.69	-.00270	1.8456
#3	.69302	3.4465	.02012	-.00167	265.21	-.00299	1.8419

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4943	-.00034	.04733	8.6185	1.6296	-.00274	-.00261
Stddev	.0161	.00033	.01070	.0238	.0101	.00087	.00113
%RSD	.64648	97.453	22.606	.27606	.61819	31.661	43.130

#1	2.4907	-.00038	.04079	8.5920	1.6320	-.00181	-.00369
#2	2.4804	-.00065	.05968	8.6381	1.6382	-.00289	-.00270
#3	2.5120	.00001	.04152	8.6254	1.6185	-.00353	-.00144

Sample Name: K3198-02 Acquired: 6/6/2019 20:17:27 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-DPC-816 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01434	.0026	.33137	6.5153	F<.00000
Stddev	.00170	.0013	.00052	.1196	1.0918
%RSD	11.838	50.84	.15670	1.8355	16.712
#1	.01239	.0011	.33177	6.6251	-7.1496
#2	.01517	.0035	.33078	6.3879	-5.2725
#3	.01547	.0031	.33155	6.5329	-7.1773
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.6	43075.	4562.6	57.860	3446.4
Stddev	5.6	135.	32.2	.753	6.7
%RSD	.18062	.31255	.70654	1.3022	.19543
#1	3109.7	42934.	4526.6	57.680	3439.6
#2	3120.8	43202.	4572.7	58.687	3446.4
#3	3113.4	43089.	4588.6	57.213	3453.1

Sample Name: K3198-03 Acquired: 6/6/2019 20:21:59 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-DPC-816 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00038	.02839	.00217	.00691	-.01181	.14883
Stddev	.00159	.00049	.00014	.00034	.00044	.00471	.00088
%RSD	130.58	126.52	.49446	15.417	6.3368	39.883	.58870

#1	.00049	.00017	.02851	.00256	.00742	-.01451	.14960
#2	-.00266	-.00072	.02843	.00202	.00661	-.00637	.14901
#3	-.00149	-.00060	.02823	.00195	.00672	-.01456	.14788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00111	56.535	.00057	.00233	.01681	.08088
Stddev	.00001	.00005	.198	.00028	.00022	.00028	.00052
%RSD	16.202	4.9080	.35035	48.699	9.5256	1.6757	.64565

#1	.00009	.00115	56.309	.00077	.00231	.01654	.08147
#2	.00007	.00105	56.680	.00025	.00212	.01710	.08049
#3	.00006	.00112	56.615	.00069	.00256	.01677	.08068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27133	1.4944	.01478	-.00096	238.34	-.00091	.84326
Stddev	.00059	.0190	.00056	.00066	.99	.00024	.00410
%RSD	.21634	1.2725	3.8059	69.031	.41484	26.367	.48591

#1	.27065	1.5135	.01420	-.00173	239.48	-.00091	.84631
#2	.27164	1.4755	.01481	-.00060	237.69	-.00067	.84486
#3	.27170	1.4944	.01532	-.00056	237.86	-.00115	.83860

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4386	-.00026	.02820	3.3719	.84062	-.00109	-.00063
Stddev	.0359	.00013	.01041	.0131	.00966	.00063	.00301
%RSD	2.4920	49.090	36.909	.38901	1.1496	58.019	474.83

#1	1.4412	-.00026	.03922	3.3682	.83708	-.00180	-.00322
#2	1.4015	-.00039	.01853	3.3610	.85155	-.00088	.00267
#3	1.4730	-.00014	.02686	3.3865	.83322	-.00059	-.00136

Sample Name: K3198-03 Acquired: 6/6/2019 20:21:59 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-DPC-816 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00822	.0153	.20856	6.3756	F<.00000
Stddev	.00244	.0019	.00085	.0469	.29019
%RSD	29.710	12.53	.40709	.73648	4.9230
#1	.00940	.0154	.20863	6.4296	-5.6320
#2	.00541	.0172	.20936	6.3518	-5.8460
#3	.00984	.0134	.20767	6.3452	-6.2062
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.5	43546.	4582.7	56.802	3485.0
Stddev	3.0	87.	15.7	1.383	19.0
%RSD	.09576	.19911	.34252	2.4348	.54387
#1	3142.8	43446.	4595.3	56.248	3467.3
#2	3145.4	43597.	4565.1	58.376	3482.6
#3	3139.4	43596.	4587.7	55.781	3505.0

Sample Name: K3204-01 Acquired: 6/6/2019 20:26:30 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	-.00066	.00421	.00366	.00100	.15214	.08713
Stddev	.00421	.00200	.00090	.00074	.00227	.01875	.00166
%RSD	348.22	303.60	21.422	20.271	225.95	12.327	1.9091

#1	-.00494	-.00185	.00514	.00452	-.00005	.13544	.08542
#2	.00336	-.00178	.00334	.00316	.00361	.14856	.08721
#3	-.00204	.00165	.00415	.00331	-.00055	.17243	.08874

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00097	19.003	.00101	.01104	.00093	.10698
Stddev	.00001	.00003	.102	.00026	.00008	.00045	.00072
%RSD	3.7855	3.0598	.53458	25.814	.68886	47.799	.67454

#1	.00031	.00099	18.899	.00079	.01110	.00095	.10762
#2	.00029	.00094	19.009	.00130	.01107	.00137	.10713
#3	.00029	.00098	19.101	.00096	.01096	.00048	.10620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24004	5.0391	.02123	-.00050	278.99	-.00083	.26160
Stddev	.00144	.0255	.00044	.00034	1.67	.00016	.00062
%RSD	.60063	.50626	2.0704	67.616	.59871	19.145	.23887

#1	.24139	5.0460	.02080	-.00081	277.08	-.00067	.26111
#2	.24020	5.0109	.02167	-.00014	280.15	-.00098	.26139
#3	.23852	5.0605	.02123	-.00057	279.74	-.00085	.26231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4323	-.00052	.09353	6.6408	.75018	-.00194	-.00022
Stddev	.1069	.00004	.00628	.0121	.01044	.00065	.00257
%RSD	4.3957	8.5843	6.7152	.18157	1.3914	33.595	1180.7

#1	2.3104	-.00053	.09346	6.6436	.76179	-.00119	-.00285
#2	2.5100	-.00056	.09985	6.6511	.74720	-.00232	-.00007
#3	2.4766	-.00047	.08729	6.6275	.74156	-.00232	.00227

Sample Name: K3204-01 Acquired: 6/6/2019 20:26:30 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00583	-.0060	.10368	6.2100	F<.00000
Stddev	.00159	.0005	.00012	.2124	.86882
%RSD	27.182	7.859	.11909	3.4210	11.610

#1	.00488	-.0061	.10354	6.0449	-8.3068
#2	.00495	-.0064	.10371	6.4497	-6.5753
#3	.00766	-.0055	.10378	6.1353	-7.5678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.2	43748.	4642.1	58.955	3512.7
Stddev	12.5	32.	25.6	.510	25.9
%RSD	.39156	.07403	.55072	.86584	.73683

#1	3167.6	43779.	4612.8	58.418	3493.9
#2	3180.4	43752.	4653.8	59.014	3502.0
#3	3192.5	43715.	4659.8	59.434	3542.2

Sample Name: K3211-02 Acquired: 6/6/2019 20:31:01 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00042	.00833	.00372	.00106	.03163	.22214
Stddev	.00170	.00147	.00059	.00223	.00149	.01196	.00230
%RSD	76.697	350.14	7.0784	59.961	141.00	37.813	1.0366

#1	.00131	.00204	.00856	.00156	.00080	.04442	.21999
#2	.00116	-.00082	.00876	.00601	.00266	.02975	.22457
#3	.00417	.00004	.00766	.00358	-.00029	.02072	.22188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	29.284	.00075	.00147	-.00003	.21844
Stddev	.00008	.00005	.213	.00019	.00015	.00055	.00168
%RSD	103.31	133.56	.72656	25.967	9.9757	1667.3	.77133

#1	.00010	.00000	29.346	.00054	.00162	.00050	.21951
#2	.00014	.00009	29.047	.00093	.00132	-.00000	.21931
#3	-.00001	.00002	29.459	.00078	.00148	-.00059	.21649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09614	1.2886	.00300	-.00082	296.84	-.00022	.13154
Stddev	.00059	.0177	.00003	.00076	2.84	.00011	.00018
%RSD	.61433	1.3745	1.0569	91.795	.95669	49.231	.13555

#1	.09564	1.2692	.00302	-.00157	294.92	-.00035	.13152
#2	.09680	1.2925	.00302	-.00006	300.11	-.00015	.13173
#3	.09599	1.3039	.00296	-.00084	295.50	-.00017	.13138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76675	-.00043	.05534	.46184	.56720	.00083	-.00154
Stddev	.05215	.00011	.02167	.00473	.00240	.00066	.00122
%RSD	6.8010	25.892	39.156	1.0240	.42331	79.466	79.153

#1	.73152	-.00044	.04277	.46516	.56658	.00012	-.00180
#2	.82665	-.00032	.04289	.46395	.56986	.00143	-.00021
#3	.74207	-.00054	.08036	.45643	.56518	.00094	-.00262

Sample Name: K3211-02 Acquired: 6/6/2019 20:31:01 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-20002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00200	.0033	.13719	6.6188	F<.00000
Stddev	.00124	.0015	.00073	.1813	.97393
%RSD	61.809	46.31	.53087	2.7387	12.740

#1	.00270	.0026	.13639	6.8120	-7.0187
#2	.00273	.0050	.13737	6.4525	-8.7668
#3	.00057	.0022	.13781	6.5919	-7.1486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.8	43343.	4608.3	57.855	3448.0
Stddev	13.8	143.	14.5	2.029	8.9
%RSD	.44063	.32907	.31484	3.5070	.25675

#1	3125.6	43284.	4591.6	59.807	3437.7
#2	3153.2	43239.	4616.8	55.757	3453.2
#3	3137.5	43505.	4616.6	58.002	3453.0

Sample Name: CCV09 Acquired: 6/6/2019 20:35:33 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	5.2530	5.3387	5.2024	5.2238	5.4026	9.6358	10.106	.27057
Stddev	.0049	.0097	.0183	.0082	.0028	.0066	.033	.00027
%RSD	.09307	.18163	.35140	.15761	.05213	.06870	.33137	.10111
#1	5.2510	5.3352	5.1971	5.2277	5.4013	9.6408	10.133	.27055
#2	5.2586	5.3312	5.1873	5.2144	5.4007	9.6383	10.069	.27086
#3	5.2494	5.3496	5.2227	5.2295	5.4058	9.6283	10.118	.27032
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4885	24.752	1.0008	2.6130	1.2791	5.2118	2.6033	25.849
Stddev	.0083	.177	.0014	.0046	.0051	.0065	.0014	.197
%RSD	.33152	.71546	.13455	.17646	.39600	.12392	.05506	.76331
#1	2.4854	24.610	1.0002	2.6140	1.2797	5.2122	2.6050	25.810
#2	2.4823	24.695	1.0024	2.6079	1.2737	5.2181	2.6022	25.674
#3	2.4979	24.950	.99990	2.6170	1.2838	5.2052	2.6028	26.063
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5309	1.2602	24.133	2.3706	2.6767	25.838	5.4013	4.8588
Stddev	.0057	.0046	.102	.0025	.0054	.135	.0061	.0232
%RSD	.22704	.36350	.42232	.10695	.20275	.52167	.11288	.47786
#1	2.5292	1.2643	24.144	2.3711	2.6737	25.855	5.4038	4.8855
#2	2.5262	1.2611	24.026	2.3728	2.6735	25.695	5.3943	4.8471
#3	2.5373	1.2553	24.229	2.3678	2.6830	25.963	5.4057	4.8438
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0336	4.8963	5.2276	5.1120	4.5887	5.296	5.1981	F 6.3582
Stddev	.0168	.0268	.0175	.0160	.0349	.019	.0237	.0837
%RSD	.33458	.54773	.33434	.31401	.75997	.3507	.45625	1.3168
#1	5.0335	4.8974	5.2222	5.1233	4.6018	5.306	5.1974	6.4461
#2	5.0168	4.9226	5.2136	5.1191	4.6151	5.275	5.2221	6.3492
#3	5.0505	4.8690	5.2472	5.0937	4.5492	5.308	5.1747	6.2794

Sample Name: CCV09 Acquired: 6/6/2019 20:35:33 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.0620
Stddev .4235
%RSD 6.9865

#1 6.4012
#2 5.5873
#3 6.1975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.0	45096.	4636.4	57.126	3562.5
Stddev	6.8	69.	32.5	1.119	7.3
%RSD	.20682	.15294	.70113	1.9587	.20453

#1	3260.7	45020.	4632.5	57.491	3560.8
#2	3274.1	45115.	4606.0	58.016	3570.5
#3	3266.2	45154.	4670.7	55.870	3556.2

Sample Name: CCB09 Acquired: 6/6/2019 20:39:32 Type: Unk

Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00443	.00139	-.00013	-.00026	-.01771	.00008	.00008
Stddev	.00169	.00094	.00047	.00371	.00067	.00662	.00043	.00010
%RSD	101.36	21.151	33.858	2943.7	257.75	37.408	541.92	116.01
#1	.00351	.00507	.00088	-.00404	-.00100	-.02533	-.00039	.00018
#2	.00133	.00335	.00147	.00334	-.00008	-.01338	.00019	.00007
#3	.00017	.00485	.00181	.00033	.00030	-.01441	.00044	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00398	-.00020	-.00007	-.00112	.00143	.00008	-.02344
Stddev	.00003	.00590	.00013	.00012	.00030	.00055	.00006	.06044
%RSD	35.011	148.07	66.968	170.57	26.786	38.458	74.655	257.83
#1	.00007	-.00393	-.00023	-.00005	-.00143	.00169	.00001	-.09314
#2	.00013	.00189	-.00005	-.00020	-.00108	.00080	.00013	.01456
#3	.00007	-.00991	-.00031	.00004	-.00084	.00181	.00009	.00825
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00036	-.01165	.00008	-.00020	-.04225	.00012	-.00485
Stddev	.00008	.00051	.00307	.00011	.00005	.02539	.00022	.00631
%RSD	16.563	140.38	26.339	148.83	25.704	60.078	179.16	130.11
#1	.00046	.00014	-.01144	-.00004	-.00020	-.04878	.00029	-.01207
#2	.00043	-.00087	-.00869	.00007	-.00015	-.01424	.00020	-.00035
#3	.00059	-.00035	-.01481	.00019	-.00025	-.06374	-.00012	-.00213
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.00260	.00014	-.00009	-.00227	-.0043	.00009	F 5.2631
Stddev	.00159	.00175	.00074	.00188	.00050	.0005	.00005	.0539
%RSD	106.72	67.439	522.73	2133.9	22.111	10.64	57.548	1.0232
#1	-.00192	.00338	.00100	-.00089	-.00278	-.0043	.00006	5.2103
#2	.00027	.00383	-.00037	.00206	-.00178	-.0048	.00006	5.3180
#3	-.00282	.00059	-.00019	-.00143	-.00226	-.0039	.00015	5.2611

Sample Name: CCB09 Acquired: 6/6/2019 20:39:32 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3412
Stddev 1.7679
%RSD 131.82

#1 3.3392
#2 -.02032
#3 .70468

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.5	47560.	4675.7	61.645	3983.4
Stddev	9.5	98.	26.7	1.408	3.4
%RSD	.27749	.20608	.57037	2.2839	.08484

#1	3399.8	47449.	4650.1	61.736	3979.6
#2	3410.1	47597.	4703.3	63.005	3984.5
#3	3418.7	47634.	4673.8	60.193	3986.0

Sample Name: K3211-04 Acquired: 6/6/2019 20:44:01 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	.00053	.00530	.00100	.00154	.15819	.19963
Stddev	.00245	.00043	.00011	.00145	.00181	.01778	.00132
%RSD	190.05	80.925	2.1330	145.30	117.37	11.243	.65934

#1	-.00213	.00048	.00519	.00016	.00066	.13808	.19840
#2	.00147	.00097	.00541	.00016	.00363	.16465	.19946
#3	-.00321	.00013	.00529	.00267	.00034	.17184	.20102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00006	4.9563	.00097	.00028	-.00082	.00501
Stddev	.00008	.00007	.0154	.00042	.00002	.00028	.00062
%RSD	82.548	115.22	.30974	42.971	8.7772	33.431	12.404

#1	.00004	.00002	4.9387	.00142	.00028	-.00051	.00535
#2	.00019	.00013	4.9633	.00089	.00026	-.00099	.00429
#3	.00007	.00002	4.9670	.00060	.00031	-.00098	.00538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01768	1.1387	.00093	-.00065	310.77	-.00010	.13834
Stddev	.00008	.0495	.00047	.00019	1.27	.00037	.00042
%RSD	.42480	4.3455	50.962	28.649	.40833	358.04	.30095

#1	.01760	1.1843	.00046	-.00075	312.23	-.00023	.13836
#2	.01767	1.0861	.00091	-.00044	310.21	-.00038	.13875
#3	.01775	1.1457	.00140	-.00077	309.89	.00031	.13791

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66729	-.00034	.05231	.51850	.27464	.00013	-.00030
Stddev	.04819	.00026	.02192	.00122	.00719	.00063	.00067
%RSD	7.2220	76.592	41.901	.23445	2.6168	504.38	224.96

#1	.61210	-.00048	.06817	.51724	.27586	.00073	.00047
#2	.68872	-.00051	.02730	.51967	.28114	-.00053	-.00076
#3	.70105	-.00004	.06147	.51858	.26692	.00018	-.00060

Sample Name: K3211-04 Acquired: 6/6/2019 20:44:01 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	-.0060	.03018	6.6553	F<.00000
Stddev	.00090	.0025	.00004	.1604	1.7452
%RSD	26.666	42.13	.12111	2.4103	25.257

#1	-.00249	-.0089	.03019	6.4716	-5.1274
#2	-.00428	-.0045	.03021	6.7679	-8.6153
#3	-.00333	-.0046	.03014	6.7264	-6.9870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.4	43692.	4638.4	58.025	3480.9
Stddev	1.3	91.	16.2	.485	10.4
%RSD	.04221	.20783	.35031	.83542	.29931

#1	3174.3	43594.	4631.9	57.636	3472.9
#2	3175.8	43710.	4626.4	58.568	3477.0
#3	3173.1	43773.	4656.9	57.870	3492.7

Sample Name: K3211-06 Acquired: 6/6/2019 20:48:38 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00021	.00568	.00353	.00085	.26593	.20883
Stddev	.00118	.00162	.00022	.00072	.00039	.01340	.00141
%RSD	67.765	777.33	3.8944	20.270	46.385	5.0401	.67699

#1	.00099	.00157	.00591	.00367	.00088	.26109	.21042
#2	.00311	-.00058	.00548	.00416	.00044	.25562	.20835
#3	.00114	-.00161	.00564	.00275	.00123	.28109	.20772

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00010	3.2484	.00063	.00036	-.00034	.00431
Stddev	.00007	.00007	.0168	.00016	.00012	.00046	.00067
%RSD	58.797	74.250	.51640	24.828	34.189	134.28	15.638

#1	.00014	.00001	3.2347	.00046	.00038	.00018	.00390
#2	.00004	.00015	3.2433	.00065	.00023	-.00068	.00508
#3	.00017	.00013	3.2671	.00077	.00047	-.00053	.00393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03052	.89060	.00160	-.00052	290.32	-.00024	.13538
Stddev	.00011	.05420	.00031	.00057	2.02	.00013	.00013
%RSD	.35691	6.0855	19.345	111.36	.69649	54.344	.09283

#1	.03054	.92783	.00163	-.00011	287.99	-.00017	.13544
#2	.03062	.82842	.00190	-.00026	291.39	-.00016	.13547
#3	.03040	.91554	.00128	-.00117	291.58	-.00039	.13524

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87745	-.00020	.03555	.43945	.13083	-.00049	-.00057
Stddev	.01863	.00038	.01922	.00363	.00339	.00094	.00127
%RSD	2.1230	185.83	54.049	.82558	2.5942	192.92	224.50

#1	.86791	.00010	.01579	.44024	.12817	.00011	-.00161
#2	.86552	-.00062	.05418	.44262	.12967	-.00157	.00085
#3	.89891	-.00009	.03669	.43550	.13465	.00000	-.00095

Sample Name: K3211-06 Acquired: 6/6/2019 20:48:38 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00286	-.0046	.01856	6.7180	F<.00000
Stddev	.00310	.0017	.00013	.0942	.29650
%RSD	108.58	36.73	.71934	1.4025	4.5012
#1	-.00061	-.0036	.01843	6.8023	-6.2888
#2	.00381	-.0036	.01856	6.7354	-6.8817
#3	.00537	-.0065	.01869	6.6163	-6.5908
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.1	43879.	4632.0	58.736	3511.3
Stddev	.9	42.	13.4	.721	14.1
%RSD	.02709	.09678	.28946	1.2277	.40109
#1	3188.1	43832.	4643.7	58.914	3495.0
#2	3189.8	43914.	4617.4	57.943	3519.8
#3	3189.3	43892.	4635.0	59.352	3519.1

Sample Name: K3211-08 Acquired: 6/6/2019 20:53:15 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00057	.01265	.00281	.00060	-.03031	.27524
Stddev	.00355	.00088	.00051	.00224	.00167	.00311	.00212
%RSD	1311.4	154.34	4.0147	79.921	275.96	10.260	.76892

#1	-.00342	-.00024	.01313	.00349	-.00131	-.02815	.27584
#2	.00059	.00044	.01212	.00463	.00135	-.03387	.27699
#3	.00365	.00150	.01270	.00030	.00177	-.02891	.27289

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00020	122.47	.00196	.00139	-.00043	.02528
Stddev	.00005	.00004	.99	.00045	.00020	.00036	.00065
%RSD	44.169	19.355	.80887	22.800	14.386	84.215	2.5569

#1	.00008	.00017	122.21	.00145	.00147	-.00033	.02549
#2	.00010	.00018	121.65	.00227	.00154	-.00082	.02455
#3	.00018	.00024	123.57	.00217	.00116	-.00013	.02579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16688	1.2399	.00131	-.00190	320.44	-.00054	.11649
Stddev	.00015	.0761	.00053	.00019	2.50	.00012	.00026
%RSD	.09227	6.1387	40.512	9.9659	.78052	23.020	.22644

#1	.16706	1.1539	.00091	-.00206	319.99	-.00049	.11679
#2	.16680	1.2984	.00191	-.00195	323.14	-.00068	.11636
#3	.16678	1.2676	.00110	-.00169	318.20	-.00044	.11632

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1064	-.00048	.05289	.48862	.40357	.00115	-.00412
Stddev	.0338	.00010	.01554	.00499	.00200	.00044	.00053
%RSD	3.0553	20.905	29.379	1.0220	.49589	38.616	12.956

#1	1.0802	-.00038	.06080	.49120	.40363	.00148	-.00408
#2	1.1446	-.00058	.03499	.49179	.40554	.00131	-.00361
#3	1.0944	-.00049	.06288	.48286	.40154	.00064	-.00468

Sample Name: K3211-08 Acquired: 6/6/2019 20:53:15 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00905	-.0035	.59874	7.0082	F<.00000
Stddev	.00151	.0021	.00235	.0918	.23120
%RSD	16.664	61.69	.39184	1.3093	3.1617

#1	.00773	-.0028	.59870	6.9794	-7.4881
#2	.00873	-.0017	.59642	7.1109	-7.0504
#3	.01069	-.0059	.60111	6.9343	-7.3985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.1	42950.	4591.7	57.157	3376.3
Stddev	7.4	171.	20.5	1.328	10.4
%RSD	.23886	.39892	.44561	2.3233	.30888

#1	3076.6	42874.	4587.4	58.012	3365.5
#2	3081.8	42831.	4614.0	55.627	3377.0
#3	3091.1	43147.	4573.8	57.832	3386.3

Sample Name: K3218-03 Acquired: 6/6/2019 20:57:50 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00026	-.00002	.02973	.00250	.00205	.11880	.20168
Stddev	.00398	.00078	.00049	.00253	.00192	.00702	.00041
%RSD	1524.5	3351.8	1.6581	101.27	93.876	5.9102	.20429

#1	-.00464	.00028	.03001	.00541	.00175	.11297	.20216
#2	.00073	-.00091	.02917	.00090	.00410	.11684	.20141
#3	.00313	.00056	.03003	.00118	.00029	.12660	.20148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00030	1.9958	.00067	.00314	.00166	.00341
Stddev	.00001	.00008	.0126	.00010	.00021	.00029	.00060
%RSD	8.2009	28.051	.62895	14.778	6.8282	17.252	17.654

#1	.00014	.00038	2.0064	.00077	.00312	.00134	.00274
#2	.00013	.00021	1.9820	.00068	.00293	.00175	.00359
#3	.00012	.00030	1.9991	.00057	.00336	.00189	.00391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13637	.43523	.00258	-.00092	286.14	-.00066	.13837
Stddev	.00019	.01999	.00028	.00039	1.27	.00049	.00063
%RSD	.14273	4.5925	10.700	42.089	.44348	74.222	.45549

#1	.13649	.45825	.00251	-.00132	286.03	-.00055	.13809
#2	.13615	.42526	.00235	-.00091	287.47	-.00023	.13793
#3	.13649	.42219	.00289	-.00054	284.94	-.00119	.13909

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63355	-.00042	.04815	.66649	.19435	-.00026	.00213
Stddev	.01604	.00012	.01076	.00586	.00684	.00056	.00148
%RSD	2.5310	29.540	22.352	.87891	3.5186	216.93	69.313

#1	.62521	-.00029	.05879	.66049	.19004	-.00090	.00200
#2	.65204	-.00043	.03727	.66678	.19077	.00002	.00072
#3	.62340	-.00054	.04839	.67220	.20223	.00011	.00367

Sample Name: K3218-03 Acquired: 6/6/2019 20:57:50 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He 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	.00221	-.0066	.01568	5.7120	F<.00000
Stddev	.00144	.0014	.00009	.2002	1.7289
%RSD	65.232	21.07	.59746	3.5052	26.888
#1	.00382	-.0060	.01559	5.7402	-5.7161
#2	.00179	-.0083	.01569	5.8967	-8.4013
#3	.00102	-.0057	.01577	5.4992	-5.1721
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.1	44165.	4668.2	59.875	3530.6
Stddev	11.9	182.	19.3	1.198	10.0
%RSD	.36955	.41227	.41255	2.0004	.28336
#1	3200.5	43959.	4667.7	59.607	3529.3
#2	3219.6	44306.	4687.7	61.184	3541.2
#3	3222.3	44228.	4649.1	58.834	3521.3

Sample Name: K3218-06 Acquired: 6/6/2019 21:02:26 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00013	.00411	.00341	.00157	.05131	.25313
Stddev	.00137	.00039	.00072	.00336	.00079	.00820	.00074
%RSD	165.65	314.32	17.384	98.634	50.024	15.989	.29380

#1	-.00193	.00002	.00464	.00519	.00247	.04184	.25268
#2	-.00126	-.00057	.00440	.00550	.00100	.05594	.25272
#3	.00071	.00017	.00330	-.00047	.00124	.05616	.25399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00013	3.8596	.00063	.00024	-.00050	.00619
Stddev	.00003	.00006	.0092	.00022	.00007	.00013	.00058
%RSD	29.391	44.996	.23715	34.289	27.817	25.037	9.4199

#1	.00014	.00017	3.8702	.00077	.00017	-.00047	.00648
#2	.00010	.00006	3.8550	.00038	.00023	-.00039	.00658
#3	.00008	.00015	3.8537	.00075	.00030	-.00064	.00552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02922	.72491	.00068	-.00041	284.62	-.00028	.10914
Stddev	.00010	.04275	.00019	.00045	.22	.00023	.00037
%RSD	.33812	5.8975	27.656	110.24	.07874	80.749	.33488

#1	.02915	.74263	.00046	-.00012	284.46	-.00040	.10875
#2	.02933	.67615	.00082	-.00017	284.52	-.00043	.10919
#3	.02916	.75595	.00075	-.00092	284.88	-.00002	.10948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74880	-.00052	.03373	.30768	.32526	.00073	.00060
Stddev	.04062	.00047	.00980	.00608	.00303	.00041	.00140
%RSD	5.4250	91.004	29.066	1.9746	.93177	57.046	234.56

#1	.71309	.00002	.03200	.30246	.32197	.00120	-.00090
#2	.79299	-.00072	.04429	.31435	.32793	.00055	.00080
#3	.74031	-.00085	.02491	.30624	.32590	.00043	.00188

Sample Name: K3218-06 Acquired: 6/6/2019 21:02:26 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.0057	.02698	6.1255	F<.00000
Stddev	.00196	.0020	.00015	.2633	1.6547
%RSD	469.38	34.84	.54573	4.2990	24.051
#1	-.00016	-.0034	.02715	6.4294	-7.3019
#2	.00140	-.0068	.02688	5.9642	-8.2829
#3	-.00249	-.0069	.02691	5.9828	-5.0552
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.0	43736.	4618.2	58.921	3537.8
Stddev	7.8	145.	31.9	1.593	5.3
%RSD	.24278	.33193	.69104	2.7030	.14971
#1	3199.3	43579.	4614.2	57.709	3533.6
#2	3214.9	43762.	4588.4	58.330	3536.1
#3	3206.8	43866.	4651.9	60.725	3543.7

Sample Name: K3218-09 Acquired: 6/6/2019 21:07:02 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	-.00104	.01025	.00047	.00009	.06381	.28097
Stddev	.00073	.00167	.00078	.00013	.00107	.01239	.00252
%RSD	112.39	160.35	7.6212	26.816	1144.0	19.420	.89575

#1	-.00024	-.00049	.00947	.00033	-.00049	.04994	.27813
#2	-.00022	.00028	.01103	.00054	.00133	.06767	.28182
#3	-.00150	-.00292	.01025	.00055	-.00056	.07380	.28294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00024	4.7188	.00045	.00019	-.00008	.01902
Stddev	.00003	.00007	.0019	.00029	.00002	.00007	.00062
%RSD	208.48	29.717	.04101	64.939	13.095	82.903	3.2463

#1	.00001	.00031	4.7192	.00070	.00018	-.00003	.01860
#2	.00005	.00017	4.7204	.00051	.00022	-.00016	.01973
#3	-.00001	.00023	4.7166	.00013	.00017	-.00006	.01872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01813	1.0197	-.00013	-.00106	291.85	.00028	.13731
Stddev	.00017	.0583	.00006	.00030	1.38	.00046	.00058
%RSD	.95882	5.7164	49.579	28.728	.47368	164.24	.42086

#1	.01820	.97385	-.00007	-.00072	290.89	.00075	.13710
#2	.01793	.99995	-.00012	-.00113	291.22	.00027	.13687
#3	.01826	1.0853	-.00019	-.00132	293.43	-.00017	.13796

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0551	-.00045	.03571	.26363	.29700	.00009	-.00057
Stddev	.0740	.00020	.02139	.00336	.00916	.00045	.00073
%RSD	7.0161	44.941	59.900	1.2739	3.0842	517.58	127.80

#1	1.0023	-.00059	.04947	.26359	.30625	.00055	-.00135
#2	1.0233	-.00054	.04661	.26701	.29683	.00004	-.00046
#3	1.1397	-.00022	.01107	.26029	.28793	-.00034	.00010

Sample Name: K3218-09 Acquired: 6/6/2019 21:07:02 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.0023	.05282	6.3293	F<.00000
Stddev	.00137	.0011	.00013	.1847	.23800
%RSD	532.97	46.85	.25158	2.9183	3.6971

#1	-.00095	-.0030	.05267	6.1170	-6.6915
#2	.00132	-.0027	.05285	6.4524	-6.4006
#3	-.00115	-.0010	.05293	6.4186	-6.2198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.6	44061.	4627.2	59.690	3499.3
Stddev	7.1	77.	42.8	1.575	18.0
%RSD	.22317	.17425	.92532	2.6379	.51491

#1	3175.4	43973.	4581.9	58.498	3512.2
#2	3180.0	44114.	4632.6	59.098	3507.1
#3	3189.3	44096.	4667.0	61.475	3478.7

Sample Name: K2640-02 Acquired: 6/6/2019 21:11:38 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30234 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05929	-.06057	-.00770	.02903	.02949	.01460	.01434	.00105
Stddev	.00542	.00119	.00051	.00343	.00282	.01161	.00051	.00017
%RSD	9.1378	1.9722	6.5805	11.823	9.5555	79.497	3.5677	16.469

#1	-.06517	-.06188	-.00783	.02950	.03234	.00120	.01393	.00093
#2	-.05822	-.06030	-.00714	.02539	.02941	.02119	.01418	.00125
#3	-.05449	-.05954	-.00813	.03221	.02671	.02143	.01491	.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	13.842	-.00837	.00146	.00311	63.353	2.9974	.61449
Stddev	.00023	.110	.00027	.00010	.00033	.569	.0384	.02269
%RSD	6.0931	.79266	3.1979	6.5996	10.732	.89793	1.2808	3.6923

#1	-.00385	13.839	-.00809	.00156	.00310	63.470	3.0224	.59277
#2	-.00351	13.735	-.00841	.00146	.00345	62.735	2.9532	.61267
#3	-.00395	13.954	-.00862	.00136	.00279	63.854	3.0167	.63804

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01015	-.00007	15.504	-.01155	.31122	.69355	-.00212	1.4875
Stddev	.00020	.00027	.283	.00042	.00217	.02434	.00038	.0502
%RSD	2.0142	377.75	1.8281	3.6599	.69788	3.5099	17.948	3.3749

#1	-.01006	.00012	15.662	-.01187	.30928	.70725	-.00254	1.5381
#2	-.01038	-.00037	15.176	-.01107	.31357	.66545	-.00202	1.4377
#3	-.01001	.00004	15.673	-.01171	.31082	.70797	-.00179	1.4865

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5506	.05626	.05337	.00128	.00345	1.392	-.06313	7.0122
Stddev	.0087	.00140	.00108	.00340	.00191	.012	.00052	.1774
%RSD	.34152	2.4837	2.0259	265.07	55.503	.8548	.82417	2.5303

#1	2.5425	.05751	.05214	.00514	.00431	1.379	-.06318	7.1405
#2	2.5598	.05651	.05417	-.00129	.00478	1.402	-.06258	6.8097
#3	2.5493	.05475	.05380	-.00000	.00125	1.394	-.06362	7.0865

Sample Name: K2640-02 Acquired: 6/6/2019 21:11:38 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30234 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	83.292
Stddev	1.743
%RSD	2.0925

#1	83.247
#2	85.057
#3	81.572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.3	42672.	4647.2	59.202	3805.4
Stddev	25.9	626.	40.5	1.620	28.6
%RSD	.89173	1.4680	.87153	2.7364	.75063

#1	2930.6	42271.	4683.6	61.051	3837.2
#2	2881.7	43394.	4654.5	58.032	3796.7
#3	2891.5	42351.	4603.6	58.523	3782.1

Sample Name: K3196-02 Acquired: 6/6/2019 21:16:10 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00472	.00372	-.01175	.00659	.00214	-.02732	.15094	.00121
Stddev	.00165	.00088	.00068	.00067	.00213	.00221	.00178	.00014
%RSD	34.947	23.670	5.7735	10.166	99.551	8.0996	1.1802	11.917

#1	-.00628	.00432	-.01237	.00681	.00292	-.02922	.14950	.00107
#2	-.00299	.00271	-.01103	.00712	.00377	-.02489	.15038	.00119
#3	-.00489	.00412	-.01186	.00584	-.00027	-.02785	.15293	.00136

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	31.758	-.00942	.00001	-.00081	79.793	.73970	2.5871
Stddev	.00005	.167	.00032	.00014	.00027	.247	.00128	.0221
%RSD	1.4406	.52552	3.3742	1879.9	33.597	.30992	.17319	.85276

#1	-.00356	31.586	-.00924	-.00002	-.00099	79.565	.73842	2.5932
#2	-.00346	31.919	-.00979	.00016	-.00050	80.056	.73971	2.5626
#3	-.00351	31.769	-.00923	-.00012	-.00094	79.760	.74099	2.6054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01467	-.00185	31.330	-.00311	.24391	2.7073	-.00189	.10443
Stddev	.00051	.00056	.186	.00035	.00121	.0311	.00051	.00494
%RSD	3.4824	30.134	.59373	11.105	.49765	1.1484	26.849	4.7310

#1	-.01417	-.00209	31.116	-.00291	.24352	2.6842	-.00139	.10359
#2	-.01519	-.00224	31.453	-.00351	.24527	2.6950	-.00240	.10974
#3	-.01465	-.00121	31.421	-.00292	.24294	2.7427	-.00189	.09997

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0743	.11874	.00071	-.00148	-.00294	.0354	.03872	4.9114
Stddev	.0125	.00386	.00048	.00136	.00027	.0002	.00051	.0325
%RSD	1.1627	3.2504	67.434	91.768	9.0880	.6689	1.3165	.66121

#1	1.0802	.12230	.00119	-.00091	-.00316	.0356	.03924	4.9336
#2	1.0827	.11929	.00071	-.00050	-.00264	.0352	.03871	4.8742
#3	1.0599	.11464	.00023	-.00304	-.00301	.0355	.03822	4.9266

Sample Name: K3196-02 Acquired: 6/6/2019 21:16:10 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 106.28
Stddev 1.30
%RSD 1.2271

#1 105.04
#2 107.64
#3 106.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.4	46810.	4647.5	58.411	3771.4
Stddev	4.7	119.	50.1	1.341	7.4
%RSD	.14188	.25483	1.0775	2.2964	.19714

#1	3324.4	46801.	4605.8	57.575	3771.1
#2	3333.8	46695.	4633.7	57.699	3764.1
#3	3330.0	46933.	4703.0	59.958	3779.0

Sample Name: K3196-02DUP Acquired: 6/6/2019 21:20:43 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00632	.00466	-.01209	.00482	-.00044	-.03395	.15102	.00118
Stddev	.00179	.00069	.00020	.00064	.00062	.01504	.00143	.00006
%RSD	28.329	14.893	1.6332	13.167	141.01	44.287	.94734	5.3180
#1	-.00643	.00442	-.01226	.00526	-.00062	-.02108	.14946	.00124
#2	-.00448	.00411	-.01215	.00512	-.00095	-.05048	.15227	.00111
#3	-.00805	.00544	-.01187	.00409	.00025	-.03029	.15132	.00117
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	31.574	-.00942	.00031	-.00065	79.226	.73463	2.5378
Stddev	.00009	.189	.00002	.00032	.00047	.317	.00069	.0275
%RSD	2.4716	.59969	.20008	103.28	73.345	.39954	.09330	1.0832
#1	-.00340	31.427	-.00943	.00003	-.00072	78.882	.73397	2.5409
#2	-.00344	31.508	-.00940	.00025	-.00108	79.289	.73534	2.5090
#3	-.00356	31.788	-.00943	.00066	-.00014	79.506	.73459	2.5637
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01438	-.00171	31.382	-.00303	.24308	2.6428	-.00146	.09938
Stddev	.00066	.00020	.135	.00015	.00017	.0332	.00018	.01461
%RSD	4.5995	11.891	.43151	5.0138	.06888	1.2570	12.531	14.700
#1	-.01362	-.00150	31.229	-.00310	.24304	2.6538	-.00128	.10678
#2	-.01480	-.00173	31.486	-.00314	.24326	2.6691	-.00165	.10881
#3	-.01473	-.00190	31.432	-.00286	.24293	2.6054	-.00145	.08255
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0739	.12078	.00016	.00054	-.00325	.0315	.03891	4.8928
Stddev	.0023	.00224	.00029	.00098	.00112	.0022	.00035	.1240
%RSD	.21538	1.8516	180.07	182.51	34.470	6.918	.89102	2.5350
#1	1.0761	.12221	.00049	-.00053	-.00419	.0332	.03876	4.8211
#2	1.0715	.11820	-.00008	.00140	-.00201	.0290	.03866	5.0360
#3	1.0740	.12193	.00007	.00074	-.00354	.0323	.03930	4.8212

Sample Name: K3196-02DUP Acquired: 6/6/2019 21:20:43 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 106.88
 Stddev 1.45
 %RSD 1.3610

#1 108.51
 #2 105.72
 #3 106.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.0	47075.	4707.7	60.233	3778.6
Stddev	6.8	70.	38.1	1.149	7.9
%RSD	.20299	.14847	.80992	1.9082	.20933

#1	3328.0	47076.	4680.1	61.138	3770.9
#2	3335.4	47144.	4751.3	58.940	3778.3
#3	3341.6	47004.	4691.8	60.621	3786.7

Sample Name: K3196-02LX5 Acquired: 6/6/2019 21:25:17 Type: Unk

Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8288 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00300	-.00140	.00555	.00052	-.02914	.03040	.00031
Stddev	.00100	.00094	.00035	.00220	.00104	.00293	.00016	.00009
%RSD	61.941	31.340	25.385	39.701	198.60	10.069	.52007	28.127

#1	-.00071	.00233	-.00179	.00351	.00049	-.02664	.03025	.00025
#2	-.00270	.00258	-.00109	.00789	.00158	-.03237	.03038	.00041
#3	-.00146	.00407	-.00132	.00524	-.00050	-.02842	.03056	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	6.5435	-.00198	.00007	-.00118	16.766	.15272	.51058
Stddev	.00006	.0299	.00013	.00023	.00003	.027	.00074	.10049
%RSD	8.0586	.45697	6.4555	342.21	2.9122	.16372	.48136	19.681

#1	-.00078	6.5116	-.00198	.00020	-.00122	16.793	.15239	.49612
#2	-.00084	6.5710	-.00185	-.00020	-.00116	16.766	.15357	.41811
#3	-.00072	6.5479	-.00211	.00020	-.00115	16.738	.15221	.61751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.00091	6.3628	-.00065	.04791	.46374	-.00114	.00743
Stddev	.00028	.00023	.0786	.00033	.00024	.01793	.00019	.00822
%RSD	9.4424	25.123	1.2359	51.217	.50449	3.8670	17.145	110.59

#1	-.00267	-.00116	6.3680	-.00098	.04779	.48443	-.00132	-.00203
#2	-.00289	-.00088	6.2817	-.00064	.04774	.45272	-.00093	.01158
#3	-.00322	-.00070	6.4387	-.00032	.04818	.45406	-.00116	.01275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21489	.02744	-.00062	-.00004	-.00412	.0044	.00689	4.5766
Stddev	.00227	.00167	.00044	.00182	.00126	.0011	.00009	.0759
%RSD	1.0583	6.0842	70.372	4443.5	30.712	23.74	1.3220	1.6590

#1	.21711	.02673	-.00052	.00136	-.00420	.0054	.00692	4.5831
#2	.21499	.02935	-.00024	-.00210	-.00281	.0046	.00696	4.4976
#3	.21257	.02624	-.00110	.00061	-.00534	.0033	.00678	4.6490

Sample Name: K3196-02LX5 Acquired: 6/6/2019 21:25:17 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8288 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.710
Stddev	.707
%RSD	3.2544

#1	21.034
#2	22.444
#3	21.653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.1	47991.	4762.8	61.674	3958.3
Stddev	3.9	213.	28.6	.488	5.3
%RSD	.11282	.44367	.60127	.79191	.13271

#1	3449.5	47753.	4740.5	62.100	3960.0
#2	3447.0	48056.	4752.7	61.781	3962.5
#3	3441.9	48163.	4795.1	61.141	3952.4

Sample Name: CCV10 Acquired: 6/6/2019 21:29:44 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2273	5.3526	5.2198	5.2098	5.3853	9.5154	9.9635	.26916
Stddev	.0120	.0063	.0178	.0138	.0074	.0204	.0080	.00054
%RSD	.22878	.11756	.34068	.26396	.13731	.21403	.08030	.19962
#1	5.2148	5.3479	5.2039	5.2171	5.3786	9.5319	9.9543	.26973
#2	5.2282	5.3502	5.2165	5.2184	5.3932	9.4927	9.9689	.26866
#3	5.2387	5.3597	5.2390	5.1940	5.3842	9.5218	9.9674	.26909
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4882	24.718	.99709	2.6244	1.2787	5.2055	2.5964	25.651
Stddev	.0049	.128	.00396	.0060	.0007	.0153	.0032	.089
%RSD	.19789	.51948	.39735	.22973	.05741	.29321	.12509	.34731
#1	2.4845	24.645	.99261	2.6198	1.2793	5.1902	2.5967	25.641
#2	2.4862	24.644	1.0001	2.6222	1.2779	5.2055	2.5929	25.745
#3	2.4938	24.867	.99857	2.6313	1.2788	5.2207	2.5994	25.567
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5388	1.2527	24.004	2.3659	2.6844	25.500	5.3886	4.8143
Stddev	.0087	.0015	.027	.0018	.0076	.029	.0045	.0365
%RSD	.34403	.11887	.11068	.07767	.28432	.11243	.08249	.75814
#1	2.5295	1.2542	24.016	2.3680	2.6772	25.472	5.3837	4.7982
#2	2.5403	1.2527	23.974	2.3654	2.6835	25.529	5.3924	4.7886
#3	2.5467	1.2512	24.024	2.3644	2.6924	25.499	5.3897	4.8561
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0128	4.8989	5.2374	5.1180	4.5969	5.289	5.1918	F 6.0280
Stddev	.0104	.0411	.0227	.0155	.0026	.013	.0159	.1943
%RSD	.20668	.83877	.43350	.30245	.05673	.2406	.30587	3.2237
#1	5.0065	4.8546	5.2212	5.1046	4.5965	5.275	5.1791	6.2517
#2	5.0071	4.9063	5.2276	5.1143	4.5997	5.291	5.1868	5.9009
#3	5.0247	4.9358	5.2633	5.1349	4.5945	5.300	5.2096	5.9314

Sample Name: CCV10 Acquired: 6/6/2019 21:29:44 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15078 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2680
Stddev	1.1653
%RSD	22.119

#1	6.1273
#2	5.7351
#3	3.9417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.4	45617.	4637.9	57.958	3584.3
Stddev	3.9	109.	4.4	.638	3.1
%RSD	.11682	.23816	.09462	1.1004	.08640

#1	3294.1	45509.	4642.7	57.286	3586.8
#2	3296.5	45615.	4636.8	58.032	3585.3
#3	3301.7	45726.	4634.1	58.555	3580.9

Sample Name: CCB10 Acquired: 6/6/2019 21:33:43 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00345	.00140	.00361	.00107	-.01410	-.00015	.00003
Stddev	.00280	.00113	.00121	.00142	.00129	.00349	.00041	.00002
%RSD	155.40	32.892	86.565	39.275	120.30	24.733	268.75	83.556
#1	.00019	.00314	.00100	.00519	-.00040	-.01745	-.00016	.00002
#2	.00503	.00250	.00276	.00321	.00202	-.01435	.00026	.00001
#3	.00018	.00470	.00044	.00243	.00160	-.01049	-.00055	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00182	.00010	-.00004	-.00154	.00216	.00004	-.02905
Stddev	.00011	.00806	.00007	.00021	.00030	.00071	.00004	.04179
%RSD	189.94	443.73	71.707	568.30	19.427	33.012	93.793	143.85
#1	-.00005	-.00549	.00011	-.00016	-.00182	.00208	.00003	-.03977
#2	.00016	.00743	.00002	-.00016	-.00158	.00149	.00008	-.06444
#3	.00005	-.00739	.00016	.00021	-.00123	.00291	.00001	.01705
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00078	-.05720	.00008	-.00023	-.05140	.00004	-.01148
Stddev	.00033	.00012	.00194	.00008	.00006	.04596	.00008	.00315
%RSD	122.84	15.396	3.3929	106.60	25.921	89.421	197.68	27.406
#1	.00064	-.00080	-.05941	.00017	-.00021	-.06921	.00010	-.00785
#2	.00000	-.00065	-.05641	.00006	-.00029	.00080	-.00005	-.01346
#3	.00016	-.00089	-.05577	.00001	-.00018	-.08580	.00007	-.01312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00132	-.00014	.00191	-.00343	-.0060	.00006	F 4.7684
Stddev	.00261	.00139	.00053	.00053	.00160	.0019	.00008	.0601
%RSD	462.88	104.92	368.75	27.744	46.531	31.40	131.41	1.2610
#1	-.00101	.00101	-.00055	.00198	-.00268	-.0039	-.00002	4.8222
#2	-.00292	.00011	.00046	.00240	-.00527	-.0070	.00007	4.7795
#3	.00224	.00284	-.00034	.00135	-.00235	-.0073	.00014	4.7035

Sample Name: CCB10 Acquired: 6/6/2019 21:33:43 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15078 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .23236
Stddev	2.1199
%RSD	912.31

#1	2.2302
#2	-1.9914
#3	.45828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.1	48309.	4699.9	62.098	4018.2
Stddev	10.3	206.	31.9	1.532	9.4
%RSD	.29756	.42581	.67823	2.4662	.23285

#1	3442.3	48087.	4664.6	60.330	4008.5
#2	3462.8	48493.	4708.5	62.959	4027.2
#3	3454.2	48347.	4726.5	63.005	4019.1

Sample Name: K3196-02MS Acquired: 6/6/2019 21:38:13 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81957	2.1133	1.0197	2.0862	.84682	1.8816	.37037	.20954
Stddev	.00601	.0131	.0050	.0093	.00288	.0081	.00123	.00008
%RSD	.73317	.61855	.49335	.44652	.33974	.43066	.33278	.03586
#1	.81674	2.1081	1.0167	2.0851	.84606	1.8728	.36905	.20962
#2	.81549	2.1036	1.0168	2.0774	.84440	1.8887	.37055	.20951
#3	.82647	2.1282	1.0255	2.0960	.85000	1.8832	.37149	.20948
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19273	36.000	.40404	.21466	.31908	88.463	1.0182	4.8162
Stddev	.00109	.214	.00103	.00175	.00287	.341	.0024	.0780
%RSD	.56402	.59444	.25497	.81752	.89836	.38582	.23288	1.6193
#1	.19229	35.770	.40346	.21401	.31705	88.069	1.0171	4.7320
#2	.19193	36.194	.40343	.21331	.31783	88.678	1.0166	4.8306
#3	.19396	36.035	.40523	.21664	.32236	88.641	1.0209	4.8860
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49634	.06853	36.910	.29740	.47227	13.148	.45119	.39585
Stddev	.00310	.00015	.140	.00172	.00176	.082	.00298	.00744
%RSD	.62492	.22056	.38029	.57884	.37356	.62633	.66085	1.8805
#1	.49704	.06837	36.767	.29563	.47211	13.201	.44952	.39884
#2	.49295	.06867	37.047	.29751	.47410	13.053	.44942	.40133
#3	.49904	.06855	36.915	.29907	.47058	13.190	.45463	.38737
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1591	1.0331	.72444	.21240	.18929	6.140	.24843	5.1075
Stddev	.0123	.0068	.00503	.00304	.00120	.020	.00260	.2153
%RSD	1.0584	.65404	.69432	1.4330	.63155	.3178	1.0472	4.2156
#1	1.1590	1.0348	.72711	.20893	.18823	6.143	.24772	5.2887
#2	1.1469	1.0388	.71864	.21461	.19059	6.120	.25131	4.8695
#3	1.1714	1.0256	.72758	.21366	.18905	6.159	.24625	5.1643

Sample Name: K3196-02MS Acquired: 6/6/2019 21:38:13 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 126.38
Stddev	.85
%RSD	.67388

#1	127.33
#2	125.69
#3	126.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.8	46483.	4615.8	59.402	3697.6
Stddev	10.1	80.	21.7	.786	11.3
%RSD	.30830	.17189	.47021	1.3231	.30693

#1	3277.0	46393.	4603.3	58.546	3693.6
#2	3269.7	46546.	4603.3	59.571	3688.7
#3	3289.7	46511.	4640.9	60.090	3710.4

Sample Name: K3196-02MSD Acquired: 6/6/2019 21:42:28 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81005	2.1111	1.0171	2.0873	.84631	1.8982	.36844	.21038
Stddev	.00228	.0065	.0025	.0017	.00462	.0204	.00248	.00043
%RSD	.28131	.30529	.24199	.08260	.54573	1.0765	.67223	.20333
#1	.80973	2.1179	1.0195	2.0880	.84840	1.8938	.36605	.21022
#2	.81247	2.1050	1.0170	2.0886	.84951	1.8804	.36827	.21007
#3	.80794	2.1105	1.0146	2.0853	.84102	1.9205	.37099	.21087
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19294	35.629	.40728	.21463	.31843	87.445	1.0084	4.7852
Stddev	.00022	.170	.00093	.00092	.00144	.239	.0015	.1157
%RSD	.11336	.47817	.22925	.42754	.45321	.27291	.14521	2.4178
#1	.19319	35.444	.40746	.21535	.31879	87.171	1.0078	4.6578
#2	.19280	35.664	.40812	.21494	.31966	87.608	1.0074	4.8142
#3	.19282	35.780	.40628	.21359	.31684	87.557	1.0101	4.8837
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49741	.06958	36.689	.29840	.46755	13.205	.44938	.39808
Stddev	.00229	.00011	.262	.00072	.00068	.089	.00166	.02301
%RSD	.46015	.15163	.71501	.24211	.14480	.67352	.36944	5.7815
#1	.49967	.06949	36.393	.29836	.46722	13.108	.44975	.39026
#2	.49747	.06955	36.782	.29769	.46833	13.283	.45082	.38000
#3	.49509	.06969	36.892	.29914	.46710	13.224	.44757	.42399
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1385	1.0324	.72782	.21291	.19242	6.127	.25065	4.9403
Stddev	.0037	.0105	.00267	.00062	.00154	.018	.00024	.0367
%RSD	.32416	1.0134	.36683	.28999	.79845	.2987	.09474	.74193
#1	1.1351	1.0328	.72910	.21229	.19348	6.132	.25076	4.9777
#2	1.1424	1.0426	.72961	.21292	.19313	6.143	.25080	4.9045
#3	1.1379	1.0217	.72475	.21353	.19066	6.107	.25037	4.9385

Sample Name: K3196-02MSD Acquired: 6/6/2019 21:42:28 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 122.60
Stddev	1.57
%RSD	1.2791

#1	121.03
#2	124.16
#3	122.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.0	46428.	4620.0	59.006	3714.8
Stddev	19.7	89.	18.4	2.033	13.6
%RSD	.59607	.19265	.39777	3.4459	.36716

#1	3289.8	46422.	4600.8	60.915	3703.4
#2	3287.5	46341.	4621.9	56.868	3710.9
#3	3322.6	46520.	4637.4	59.236	3729.9

Sample Name: K3196-02A Acquired: 6/6/2019 21:46:44 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8288 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81011	2.1150	1.0156	2.0789	.84147	1.8784	.36804	.20946
Stddev	.00553	.0017	.0034	.0040	.00225	.0184	.00225	.00069
%RSD	.68210	.07816	.33522	.19112	.26743	.98020	.61197	.33080
#1	.81647	2.1138	1.0173	2.0828	.84115	1.8578	.36757	.20866
#2	.80742	2.1143	1.0116	2.0748	.83940	1.8932	.37049	.20984
#3	.80645	2.1169	1.0177	2.0792	.84386	1.8842	.36606	.20988
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19265	35.723	.40547	.21428	.31803	87.811	1.0118	4.8263
Stddev	.00041	.065	.00033	.00078	.00060	.430	.0023	.0215
%RSD	.21305	.18172	.08173	.36513	.18983	.48961	.22782	.44480
#1	.19294	35.678	.40528	.21450	.31839	88.023	1.0092	4.8048
#2	.19218	35.797	.40586	.21341	.31733	88.093	1.0135	4.8477
#3	.19284	35.693	.40528	.21493	.31837	87.316	1.0129	4.8264
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49664	.06957	36.439	.29917	.46829	13.126	.44825	.39611
Stddev	.00074	.00037	.107	.00076	.00056	.030	.00153	.02471
%RSD	.14924	.53716	.29412	.25305	.12039	.22801	.34225	6.2371
#1	.49721	.06999	36.397	.29929	.46894	13.097	.44822	.40000
#2	.49580	.06945	36.561	.29837	.46797	13.156	.44673	.41865
#3	.49691	.06927	36.360	.29987	.46797	13.125	.44980	.36969
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1497	1.0268	.72511	.21166	.19194	6.137	.24921	5.3457
Stddev	.0051	.0112	.00287	.00274	.00167	.025	.00169	.1426
%RSD	.44077	1.0894	.39551	1.2964	.87091	.4116	.67950	2.6672
#1	1.1480	1.0271	.72814	.21398	.19330	6.162	.24766	5.2004
#2	1.1554	1.0155	.72243	.21236	.19245	6.112	.24895	5.4854
#3	1.1457	1.0379	.72477	.20863	.19008	6.137	.25101	5.3513

Sample Name: K3196-02A Acquired: 6/6/2019 21:46:44 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8288 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 123.05
Stddev	1.92
%RSD	1.5567

#1	123.60
#2	124.64
#3	120.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.6	46734.	4626.0	60.440	3717.3
Stddev	10.1	227.	24.6	.949	10.4
%RSD	.30390	.48568	.53195	1.5696	.27891

#1	3299.0	46533.	4605.7	59.367	3705.6
#2	3310.6	46688.	4653.4	61.168	3720.8
#3	3319.0	46980.	4618.9	60.785	3725.4

Sample Name: K3204-02 Acquired: 6/6/2019 21:51:00 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00646	-.01152	-.00058	.00906	.00713	.02010	.10344	.00023
Stddev	.00137	.00125	.00051	.00175	.00177	.00541	.00078	.00002
%RSD	21.134	10.816	87.384	19.337	24.890	26.928	.75084	8.0034
#1	-.00777	-.01045	-.00068	.00851	.00508	.02565	.10321	.00024
#2	-.00656	-.01123	-.00104	.01101	.00812	.01484	.10431	.00024
#3	-.00505	-.01288	-.00003	.00764	.00818	.01982	.10280	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	6.9111	-.00283	.00030	.00571	19.018	.18687	.80030
Stddev	.00007	.0060	.00012	.00001	.00048	.019	.00087	.01804
%RSD	8.4232	.08755	4.2885	2.7570	8.4335	.09871	.46706	2.2547
#1	-.00078	6.9078	-.00278	.00030	.00516	19.038	.18679	.80128
#2	-.00090	6.9180	-.00296	.00029	.00601	19.016	.18603	.78178
#3	-.00092	6.9074	-.00273	.00029	.00597	19.000	.18778	.81783
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00116	25.667	-.00045	.21089	135.23	.00135	2.0385
Stddev	.00039	.00010	.086	.00028	.00108	.40	.00017	.0181
%RSD	16.146	8.8559	.33452	62.983	.51076	.29447	12.689	.88698
#1	-.00236	-.00117	25.656	-.00073	.21003	135.28	.00120	2.0177
#2	-.00206	-.00127	25.758	-.00017	.21054	135.60	.00131	2.0472
#3	-.00283	-.00106	25.588	-.00045	.21210	134.81	.00153	2.0506
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3663	.34461	.00585	-.00172	.00178	F 35.98	-.00378	6.0442
Stddev	.0148	.00635	.00016	.00048	.00057	.07	.00009	.2571
%RSD	.62554	1.8412	2.8049	27.651	31.752	.1866	2.2909	4.2535
#1	2.3685	.35154	.00601	-.00227	.00115	36.04	-.00382	6.0635
#2	2.3506	.34320	.00568	-.00149	.00225	35.91	-.00384	6.2912
#3	2.3800	.33909	.00584	-.00141	.00194	36.00	-.00368	5.7781

Sample Name: K3204-02 Acquired: 6/6/2019 21:51:00 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 28.623
 Stddev .963
 %RSD 3.3651

#1 28.410
 #2 27.783
 #3 29.674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.8	45422.	4566.7	59.630	3717.2
Stddev	8.3	190.	17.9	.064	11.5
%RSD	.26214	.41929	.39108	.10778	.30990

#1	3170.5	45236.	4554.6	59.593	3706.2
#2	3186.6	45412.	4558.4	59.704	3729.1
#3	3182.3	45617.	4587.2	59.592	3716.2

Sample Name: K3165-05DLX10 Acquired: 6/6/2019 21:55:23 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00134	.00285	.01240	.00218	.00746	1.1225	.08421	.00025
Stddev	.00113	.00084	.00046	.00091	.00099	.0062	.00073	.00008
%RSD	84.275	29.456	3.6998	41.846	13.268	.54947	.86697	33.979
#1	-.00191	.00376	.01293	.00323	.00665	1.1293	.08410	.00031
#2	-.00004	.00265	.01216	.00154	.00857	1.1211	.08353	.00028
#3	-.00207	.00212	.01211	.00179	.00718	1.1172	.08498	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	42.153	.00067	.00147	.00711	9.0908	.32001	6.7042
Stddev	.00011	.230	.00020	.00031	.00048	.0162	.00084	.0773
%RSD	25.222	.54558	30.377	20.783	6.6910	.17864	.26132	1.1532
#1	-.00030	41.900	.00046	.00162	.00657	9.0954	.31988	6.6745
#2	-.00048	42.348	.00070	.00112	.00729	9.1042	.32090	6.6462
#3	-.00050	42.212	.00086	.00168	.00748	9.0728	.31925	6.7920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00126	347.75	.00252	.35270	6.1596	.01027	.04109
Stddev	.00052	.00037	1.85	.00033	.00091	.0641	.00007	.02704
%RSD	57.545	29.201	.53289	13.279	.25711	1.0410	.67712	65.801
#1	-.00063	-.00087	346.64	.00237	.35259	6.0857	.01026	.03405
#2	-.00150	-.00159	349.89	.00290	.35366	6.1934	.01020	.07096
#3	-.00058	-.00131	346.71	.00228	.35185	6.1998	.01034	.01827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8278	2.7247	-.00103	.05578	.00602	.0834	.52942	6.4639
Stddev	.0148	.0104	.00041	.00198	.00134	.0005	.00429	.0971
%RSD	.21650	.38067	39.699	3.5494	22.294	.5544	.81056	1.5023
#1	6.8322	2.7261	-.00087	.05454	.00501	.0831	.52454	6.4012
#2	6.8113	2.7344	-.00073	.05807	.00551	.0832	.53261	6.5758
#3	6.8398	2.7138	-.00150	.05474	.00754	.0840	.53110	6.4148

Sample Name: K3165-05DLX10 Acquired: 6/6/2019 21:55:23 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.5072
%RSD	397.82

#1	1.2001
#2	-.53458
#3	-1.8021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.7	43577.	4547.6	58.606	3457.5
Stddev	5.8	22.	27.6	1.018	17.8
%RSD	.18136	.05107	.60789	1.7377	.51361

#1	3173.1	43603.	4562.2	59.782	3461.8
#2	3183.5	43567.	4515.7	58.036	3438.0
#3	3182.6	43562.	4564.9	58.000	3472.7

Sample Name: K3165-05DUPDLX10 Acquired: 6/6/2019 21:59:54 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00265	.01240	.00265	.00707	1.0588	.07817	.00021
Stddev	.00180	.00199	.00047	.00114	.00243	.0308	.00131	.00007
%RSD	335.98	75.128	3.7566	43.188	34.312	2.9090	1.6717	35.023

#1	.00046	.00147	.01276	.00134	.00949	1.0416	.07681	.00013
#2	-.00122	.00154	.01187	.00344	.00464	1.0405	.07828	.00023
#3	.00237	.00495	.01257	.00316	.00708	1.0944	.07942	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	38.479	.01678	.00144	.00652	8.4499	.29435	6.1883
Stddev	.00009	.143	.00026	.00006	.00038	.0085	.00060	.0321
%RSD	28.171	.37125	1.5355	4.2012	5.8130	.10095	.20505	.51800

#1	-.00042	38.316	.01702	.00151	.00625	8.4433	.29414	6.1579
#2	-.00032	38.582	.01681	.00143	.00696	8.4468	.29503	6.2218
#3	-.00024	38.539	.01651	.00139	.00636	8.4595	.29388	6.1853

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00978	-.00133	318.49	.00207	.31454	5.5786	.01148	.03216
Stddev	.00027	.00041	2.22	.00010	.00234	.0290	.00042	.00526
%RSD	2.7431	30.952	.69619	4.6814	.74380	.51914	3.6627	16.363

#1	.00998	-.00124	316.73	.00198	.31335	5.5618	.01177	.03233
#2	.00989	-.00097	317.76	.00205	.31724	5.5619	.01099	.03734
#3	.00947	-.00177	320.98	.00217	.31305	5.6120	.01166	.02682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2422	2.4787	-.00119	.04877	.00787	.0742	.48450	6.3870
Stddev	.0417	.0175	.00108	.00158	.00293	.0010	.00306	.0969
%RSD	.66781	.70532	90.351	3.2452	37.308	1.349	.63080	1.5175

#1	6.2145	2.4950	-.00195	.05048	.00509	.0740	.48581	6.3644
#2	6.2902	2.4809	.00004	.04736	.01093	.0753	.48668	6.4932
#3	6.2220	2.4602	-.00167	.04847	.00758	.0733	.48100	6.3033

Sample Name: K3165-05DUPDLX10 Acquired: 6/6/2019 21:59:54 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.3274
%RSD	519.02

#1	2.0695
#2	-.89399
#3	-2.5208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.6	43384.	4568.3	59.258	3458.0
Stddev	3.8	79.	34.5	.370	19.2
%RSD	.11981	.18154	.75576	.62372	.55632

#1	3202.6	43401.	4536.7	58.890	3477.6
#2	3195.3	43453.	4563.0	59.254	3439.2
#3	3200.9	43299.	4605.2	59.629	3457.3

Sample Name: K3165-05LDLX50 Acquired: 6/6/2019 22:04:26 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3190-15MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	.00248	.00438	.00247	.00171	.20894	.01694	.00011
Stddev	.00063	.00231	.00099	.00101	.00186	.01225	.00066	.00006
%RSD	53.242	93.149	22.646	40.743	109.36	5.8609	3.8665	50.330

#1	.00046	.00508	.00485	.00356	.00049	.22049	.01622	.00014
#2	.00156	.00171	.00324	.00158	.00385	.21023	.01749	.00005
#3	.00155	.00065	.00504	.00226	.00078	.19610	.01712	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	8.7461	.00023	.00031	.00029	1.9173	.06771	1.3344
Stddev	.00007	.0482	.00028	.00007	.00019	.0003	.00030	.0531
%RSD	74.649	.55131	119.69	22.333	63.749	.01509	.44858	3.9751

#1	-.00006	8.7275	.00043	.00037	.00036	1.9176	.06740	1.3494
#2	-.00017	8.7100	.00036	.00033	.00008	1.9173	.06771	1.2755
#3	-.00005	8.8009	-.00009	.00024	.00043	1.9171	.06801	1.3784

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00125	69.986	.00023	.06668	1.1869	.00144	-.00857
Stddev	.00038	.00022	.453	.00007	.00060	.0302	.00017	.00921
%RSD	309.71	17.372	.64789	32.292	.89773	2.5406	12.119	107.58

#1	-.00022	-.00149	69.466	.00031	.06622	1.1534	.00150	-.01604
#2	.00030	-.00118	70.296	.00019	.06647	1.2119	.00125	.00173
#3	-.00045	-.00108	70.198	.00019	.06736	1.1954	.00158	-.01139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3012	.55935	-.00072	.01058	.00030	.0123	.11106	5.4485
Stddev	.0078	.00818	.00064	.00124	.00051	.0019	.00059	.2201
%RSD	.60033	1.4621	89.173	11.730	170.00	15.65	.53472	4.0393

#1	1.2970	.56171	-.00013	.00943	-.00004	.0139	.11090	5.5807
#2	1.2964	.55025	-.00062	.01189	.00089	.0129	.11056	5.5704
#3	1.3102	.56609	-.00141	.01042	.00005	.0102	.11172	5.1944

Sample Name: K3165-05LDLX50 Acquired: 6/6/2019 22:04:26 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3190-15MS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .56715
 %RSD 119.39

#1 .04127
 #2 -1.0821
 #3 -.38434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.9	46306.	4674.6	59.823	3777.8
Stddev	5.5	110.	70.7	1.626	8.1
%RSD	.16374	.23770	1.5127	2.7181	.21540

#1	3364.3	46179.	4607.5	59.267	3768.9
#2	3367.4	46373.	4748.4	61.654	3784.8
#3	3375.0	46366.	4667.8	58.547	3779.8

Sample Name: K3165-05MSDLX10 Acquired: 6/6/2019 22:08:50 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3190-15MSD 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	.09873	.24868	.13573	.25522	.10810	1.3166	.10403	.02693	.02367
Stddev	.00324	.00333	.00107	.00173	.00449	.0174	.00117	.00013	.00015
%RSD	3.2785	1.3377	.78904	.67819	4.1568	1.3212	1.1210	.46653	.62161
#1	.09499	.24845	.13663	.25339	.10718	1.3002	.10344	.02691	.02384
#2	.10062	.24547	.13455	.25544	.11298	1.3148	.10327	.02682	.02362
#3	.10057	.25211	.13601	.25683	.10413	1.3349	.10537	.02707	.02355
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.058	.04970	.02659	.04372	8.7304	.31973	6.4261	.06039	.00709
Stddev	.200	.00065	.00014	.00024	.0196	.00057	.0404	.00038	.00073
%RSD	.51139	1.3061	.52831	.54803	.22416	.17868	.62805	.62732	10.294
#1	38.847	.04999	.02654	.04354	8.7126	.31911	6.3972	.05996	.00699
#2	39.083	.04896	.02648	.04363	8.7272	.31986	6.4089	.06053	.00641
#3	39.245	.05016	.02674	.04399	8.7514	.32023	6.4722	.06068	.00786
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	324.48	.03804	.34121	6.8392	.06135	.06439	6.3168	2.6213	.08782
Stddev	1.01	.00058	.00190	.1287	.00037	.00571	.0170	.0133	.00095
%RSD	.31235	1.5370	.55641	1.8818	.60961	8.8607	.26987	.50839	1.0802
#1	323.31	.03863	.34285	6.7701	.06097	.05979	6.3356	2.6360	.08891
#2	325.14	.03747	.33913	6.7599	.06172	.07077	6.3024	2.6179	.08724
#3	324.99	.03801	.34164	6.9877	.06135	.06259	6.3124	2.6100	.08730
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.06945	.02928	.8698	.51086	6.4217	.25504			
Stddev	.00213	.00188	.0030	.00120	.1769	.83736			
%RSD	3.0696	6.4273	.3503	.23476	2.7552	328.33			
#1	.06704	.02746	.8723	.51184	6.3778	.19911			
#2	.07023	.02916	.8664	.50952	6.6165	1.1190			
#3	.07109	.03122	.8708	.51123	6.2709	-.55296			

Sample Name: K3165-05MSDLX10 Acquired: 6/6/2019 22:08:50 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3190-15MSD 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	3199.4	43621.	4611.0	58.079	3463.6
Stddev	2.0	207.	18.0	3.197	30.7
%RSD	.06398	.47393	.39064	5.5038	.88601
#1	3197.7	43608.	4591.9	54.720	3429.8
#2	3198.7	43834.	4613.6	58.433	3489.7
#3	3201.7	43422.	4627.7	61.083	3471.3

Sample Name: K3165-05MSDDLX10 Acquired: 6/6/2019 22:13:21 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFL-B2-7 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	.09900	.24574	.13336	.25472	.10699	1.3023	.10194	.02629	.02339
Stddev	.00249	.00089	.00130	.00157	.00180	.0055	.00016	.00020	.00004
%RSD	2.5189	.36198	.97674	.61670	1.6836	.42230	.16166	.74771	.16461
#1	.10032	.24666	.13359	.25297	.10496	1.3086	.10210	.02611	.02336
#2	.09612	.24488	.13452	.25517	.10760	1.2989	.10194	.02626	.02344
#3	.10055	.24569	.13195	.25601	.10840	1.2994	.10177	.02650	.02338
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.751	.04940	.02612	.04309	8.6196	.31597	6.3291	.06006	.00684
Stddev	.090	.00029	.00048	.00039	.0232	.00103	.0948	.00057	.00025
%RSD	.23116	.59254	1.8432	.91209	.26897	.32458	1.4972	.94188	3.6316
#1	38.696	.04914	.02663	.04352	8.6087	.31607	6.4085	.05990	.00712
#2	38.703	.04972	.02568	.04274	8.6040	.31490	6.2242	.06069	.00674
#3	38.854	.04934	.02606	.04301	8.6463	.31694	6.3545	.05959	.00665
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	316.50	.03686	.33596	6.7699	.06057	.07386	6.2007	2.5829	.08537
Stddev	.11	.00039	.00032	.0708	.00010	.02271	.0219	.0126	.00139
%RSD	.03405	1.0630	.09561	1.0462	.15866	30.748	.35309	.48636	1.6310
#1	316.62	.03641	.33590	6.6881	.06066	.06797	6.2208	2.5686	.08464
#2	316.48	.03705	.33631	6.8103	.06047	.05467	6.2038	2.5919	.08698
#3	316.41	.03711	.33568	6.8112	.06057	.09893	6.1774	2.5883	.08450
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07009	.03031	.8570	.50635	6.5790	.78306			
Stddev	.00297	.00183	.0025	.00279	.2703	1.1789			
%RSD	4.2405	6.0531	.2920	.55133	4.1084	150.55			
#1	.06833	.03085	.8598	.50353	6.7712	.86479			
#2	.07353	.02827	.8562	.50640	6.2699	1.9190			
#3	.06843	.03181	.8550	.50911	6.6958	-.43460			

Sample Name: K3165-05MSDDLX10 Acquired: 6/6/2019 22:13:21 Type: Unk

Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: EFFL-B2-7 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	3208.7	43779.	4600.4	59.519	3476.1
Stddev	1.1	61.	16.6	1.938	13.2
%RSD	.03426	.13937	.36143	3.2553	.37882
#1	3209.2	43812.	4592.6	59.019	3465.8
#2	3207.4	43708.	4589.1	57.880	3471.6
#3	3209.4	43816.	4619.5	61.657	3490.9

Sample Name: K3165-05ADLX10 Acquired: 6/6/2019 22:17:51 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.10623	.26217	.14225	.26938	.11632	1.4143	.10975	.02862	.02515
Stddev	.00393	.00369	.00102	.00227	.00153	.0108	.00054	.00030	.00008
%RSD	3.7014	1.4068	.71955	.84401	1.3195	.76407	.49478	1.0474	.29999

#1	.11076	.25957	.14126	.27194	.11605	1.4019	.10998	.02867	.02514
#2	.10368	.26054	.14217	.26860	.11494	1.4213	.10913	.02889	.02523
#3	.10426	.26639	.14331	.26760	.11797	1.4197	.11013	.02830	.02508

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.683	.05373	.02825	.04636	9.2862	.33930	6.8794	.06409	.00779
Stddev	.263	.00047	.00027	.00061	.0186	.00024	.0704	.00051	.00060
%RSD	.63095	.87325	.96317	1.3218	.20062	.06989	1.0230	.79664	7.7381

#1	41.388	.05332	.02822	.04706	9.2665	.33954	6.9273	.06461	.00842
#2	41.768	.05424	.02799	.04597	9.3035	.33929	6.7986	.06406	.00773
#3	41.894	.05361	.02853	.04604	9.2885	.33907	6.9123	.06359	.00722

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	342.86	.04013	.36041	7.3581	.06465	.06370	6.6628	2.8063	.09173
Stddev	.69	.00070	.00041	.0796	.00039	.01585	.0073	.0234	.00052
%RSD	.20101	1.7405	.11435	1.0821	.60885	24.883	.11013	.83343	.57218

#1	343.15	.03939	.36029	7.2693	.06510	.07110	6.6687	2.7895	.09233
#2	343.36	.04024	.36008	7.3817	.06437	.04550	6.6546	2.8330	.09133
#3	342.08	.04077	.36087	7.4232	.06449	.07450	6.6652	2.7963	.09155

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07678	.03283	.9198	.54035	6.1541	.73081
Stddev	.00213	.00091	.0042	.00103	.1455	1.6926
%RSD	2.7677	2.7759	.4544	.19073	2.3637	231.60

#1	.07546	.03197	.9188	.53971	6.2591	2.5956
#2	.07565	.03379	.9244	.54154	6.2151	-.70832
#3	.07923	.03273	.9162	.53979	5.9880	.30519

Sample Name: K3165-05ADLX10 Acquired: 6/6/2019 22:17:51 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	3196.3	43300.	4569.5	58.740	3464.4
Stddev	.9	44.	26.4	1.115	29.8
%RSD	.02692	.10207	.57679	1.8988	.85894
#1	3196.7	43262.	4559.7	60.028	3496.4
#2	3196.9	43349.	4549.4	58.091	3437.6
#3	3195.3	43288.	4599.3	58.102	3459.1

Sample Name: CCV11 Acquired: 6/6/2019 22:22:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2129	5.4436	5.2833	5.2004	5.3693	9.5560	9.9394	.27209
Stddev	.0202	.0156	.0066	.0155	.0109	.0288	.0209	.00051
%RSD	.38749	.28686	.12557	.29702	.20381	.30181	.21035	.18706
#1	5.2325	5.4614	5.2905	5.2182	5.3819	9.5733	9.9423	.27241
#2	5.2141	5.4374	5.2775	5.1924	5.3622	9.5227	9.9587	.27235
#3	5.1921	5.4321	5.2817	5.1907	5.3638	9.5721	9.9172	.27150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5180	25.304	1.0144	2.6506	1.2809	5.3101	2.6321	26.018
Stddev	.0015	.090	.0041	.0034	.0030	.0025	.0015	.147
%RSD	.06091	.35738	.40315	.12810	.23224	.04627	.05831	.56623
#1	2.5192	25.207	1.0108	2.6544	1.2843	5.3092	2.6337	25.902
#2	2.5163	25.321	1.0136	2.6492	1.2790	5.3083	2.6320	25.969
#3	2.5186	25.385	1.0189	2.6481	1.2794	5.3129	2.6306	26.184
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5817	1.2630	24.044	2.4041	2.7147	25.634	5.4027	4.8815
Stddev	.0040	.0014	.028	.0064	.0030	.076	.0171	.0342
%RSD	.15634	.10790	.11610	.26656	.11146	.29826	.31734	.70133
#1	2.5825	1.2634	24.024	2.4111	2.7182	25.564	5.4222	4.9046
#2	2.5773	1.2641	24.032	2.4026	2.7128	25.716	5.3963	4.8977
#3	2.5852	1.2614	24.076	2.3986	2.7132	25.621	5.3898	4.8422
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0787	4.9652	5.3099	5.2008	4.6237	5.337	5.2329	F 6.0143
Stddev	.0180	.0161	.0043	.0274	.0277	.010	.0223	.1341
%RSD	.35396	.32354	.08070	.52783	.59828	.1853	.42544	2.2306
#1	5.0905	4.9562	5.3111	5.1908	4.6305	5.346	5.2231	6.1567
#2	5.0580	4.9837	5.3051	5.2318	4.6473	5.339	5.2584	5.9961
#3	5.0875	4.9556	5.3134	5.1797	4.5932	5.327	5.2172	5.8902

Sample Name: CCV11 Acquired: 6/6/2019 22:22:20 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6.7684
Stddev	1.8013
%RSD	26.613

#1	8.5458
#2	6.8151
#3	4.9442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3336.0	45602.	4600.7	57.878	3598.2
Stddev	9.9	43.	12.2	.768	5.0
%RSD	.29799	.09439	.26586	1.3271	.13859

#1	3324.5	45559.	4594.6	58.683	3592.5
#2	3342.3	45645.	4592.7	57.153	3601.6
#3	3341.2	45604.	4614.8	57.796	3600.5

Sample Name: CCB11 Acquired: 6/6/2019 22:26:19 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00024	.00361	.00206	.00071	.00076	-.01397	-.00018	.00013
Stddev	.00045	.00078	.00038	.00287	.00182	.00819	.00015	.00008
%RSD	186.02	21.692	18.214	405.14	238.61	58.630	81.949	61.234
#1	-.00042	.00372	.00177	.00047	.00279	-.01913	-.00004	.00004
#2	-.00058	.00434	.00249	-.00203	-.00074	-.01826	-.00034	.00019
#3	.00027	.00278	.00194	.00368	.00024	-.00453	-.00017	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01205	-.00021	.00009	-.00125	.00173	.00011	.02033
Stddev	.00002	.01497	.00014	.00015	.00052	.00059	.00007	.02517
%RSD	48.494	124.16	66.634	170.77	41.651	34.156	61.551	123.85
#1	.00004	.00204	-.00006	-.00008	-.00075	.00150	.00015	-.00082
#2	.00006	.00487	-.00033	.00012	-.00178	.00240	.00014	.04817
#3	.00002	.02926	-.00023	.00023	-.00121	.00129	.00003	.01363
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00049	.01538	-.00007	-.00017	.04680	-.00006	-.01277
Stddev	.00050	.00016	.00643	.00053	.00012	.01531	.00024	.00465
%RSD	135.53	32.513	41.820	749.51	68.500	32.720	422.12	36.407
#1	.00092	-.00031	.00831	.00025	-.00008	.05225	.00006	-.01370
#2	-.00005	-.00055	.01696	.00022	-.00013	.05864	.00010	-.00772
#3	.00024	-.00060	.02088	-.00068	-.00031	.02951	-.00033	-.01687
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00490	-.00007	.00107	-.00469	-.0038	-.00005	F 4.7048
Stddev	.00800	.00196	.00079	.00112	.00039	.0007	.00002	.0995
%RSD	1069.2	39.896	1213.9	104.92	8.2360	19.27	47.726	2.1154
#1	.00757	.00703	.00081	-.00023	-.00426	-.0046	-.00006	4.8161
#2	.00274	.00449	-.00073	.00174	-.00500	-.0033	-.00002	4.6739
#3	-.00806	.00318	-.00028	.00170	-.00482	-.0035	-.00007	4.6244

Sample Name: CCB11 Acquired: 6/6/2019 22:26:19 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .11644
Stddev 2.1640
%RSD 1858.5

#1 2.1341
#2 -2.1690
#3 .38427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.1	48116.	4678.3	60.575	4053.4
Stddev	7.9	85.	46.3	.563	7.9
%RSD	.22603	.17585	.98861	.92970	.19467

#1	3501.6	48061.	4648.6	59.939	4061.2
#2	3499.6	48213.	4654.7	60.777	4045.4
#3	3514.2	48073.	4731.6	61.009	4053.4

Sample Name: K3165-08DLX10 Acquired: 6/6/2019 22:30:49 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.01015	-.01380	.00439	.01327	.00774	.16028	.02094	.00072
Stddev	.00210	.00219	.00094	.00320	.00088	.00877	.00060	.00009
%RSD	20.649	15.876	21.361	24.107	11.380	5.4727	2.8712	12.342

#1	-.00918	-.01152	.00506	.01560	.00687	.16838	.02039	.00062
#2	-.00871	-.01589	.00478	.00962	.00773	.16150	.02086	.00076
#3	-.01255	-.01398	.00332	.01457	.00863	.15096	.02158	.00077

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	11.106	-.00570	.00393	.07730	52.497	.25783	.64542
Stddev	.00006	.008	.00017	.00015	.00040	.052	.00069	.04840
%RSD	2.3423	.07163	2.9493	3.7128	.51592	.09889	.26807	7.4991

#1	-.00245	11.113	-.00587	.00392	.07718	52.446	.25823	.60606
#2	-.00234	11.098	-.00568	.00379	.07698	52.494	.25703	.63073
#3	-.00243	11.109	-.00554	.00408	.07775	52.550	.25823	.69946

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	-.00109	123.94	-.00098	.30984	254.84	.00397	.58695
Stddev	.00035	.00007	.63	.00023	.00247	1.27	.00011	.00652
%RSD	6.0080	6.4660	.51150	23.136	.79844	.49753	2.8257	1.1106

#1	.00583	-.00103	123.30	-.00107	.31239	253.64	.00405	.57945
#2	.00558	-.00117	124.57	-.00115	.30967	256.17	.00384	.59125
#3	.00628	-.00109	123.95	-.00072	.30746	254.72	.00401	.59014

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5868	.29734	.01096	.00508	.01412	F 82.42	-.04375	5.9744
Stddev	.0136	.00377	.00067	.00210	.00181	.90	.00007	.1631
%RSD	.85678	1.2683	6.1210	41.299	12.834	1.088	.16491	2.7306

#1	1.6020	.30156	.01162	.00266	.01301	82.91	-.04367	6.1469
#2	1.5826	.29430	.01028	.00630	.01315	82.97	-.04380	5.8227
#3	1.5757	.29616	.01100	.00628	.01622	81.39	-.04379	5.9534

Sample Name: K3165-08DLX10 Acquired: 6/6/2019 22:30:49 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	63.584
Stddev	1.063
%RSD	1.6723

#1	64.269
#2	64.124
#3	62.359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.1	45123.	4769.4	61.174	3693.6
Stddev	7.1	56.	53.2	.591	47.5
%RSD	.22133	.12511	1.1153	.96621	1.2866

#1	3214.5	45066.	4708.4	60.708	3665.3
#2	3220.2	45125.	4806.1	61.839	3667.0
#3	3228.6	45179.	4793.7	60.974	3748.5

Sample Name: CCV12 Acquired: 6/6/2019 22:35:21 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1885	5.4323	5.2679	5.2119	5.3204	9.4597	9.8848	.27173
Stddev	.0056	.0054	.0051	.0132	.0110	.0420	.0115	.00069
%RSD	.10697	.09870	.09727	.25392	.20740	.44359	.11651	.25246
#1	5.1865	5.4371	5.2633	5.2092	5.3085	9.4713	9.8973	.27193
#2	5.1948	5.4265	5.2734	5.2263	5.3224	9.4946	9.8748	.27096
#3	5.1843	5.4333	5.2668	5.2003	5.3303	9.4131	9.8822	.27229
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5095	25.359	1.0153	2.6503	1.2741	5.2844	2.6380	25.882
Stddev	.0024	.060	.0036	.0027	.0027	.0126	.0012	.197
%RSD	.09476	.23731	.35334	.10200	.21573	.23844	.04363	.76028
#1	2.5077	25.305	1.0157	2.6521	1.2716	5.2783	2.6368	25.974
#2	2.5087	25.347	1.0115	2.6472	1.2737	5.2759	2.6383	26.016
#3	2.5122	25.424	1.0186	2.6517	1.2770	5.2988	2.6390	25.656
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5887	1.2545	24.057	2.4133	2.7022	25.833	5.3644	4.8673
Stddev	.0049	.0016	.009	.0061	.0013	.046	.0069	.0329
%RSD	.18932	.12403	.03909	.25098	.04653	.17863	.12817	.67616
#1	2.5909	1.2563	24.050	2.4202	2.7035	25.878	5.3566	4.8808
#2	2.5921	1.2538	24.053	2.4087	2.7009	25.786	5.3697	4.8913
#3	2.5831	1.2535	24.067	2.4111	2.7021	25.835	5.3668	4.8298
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0986	4.9361	5.2984	5.1793	4.5535	5.333	5.2097	F 6.4320
Stddev	.0053	.0421	.0043	.0133	.0134	.017	.0353	.2130
%RSD	.10461	.85326	.08023	.25752	.29358	.3105	.67734	3.3123
#1	5.1043	4.9202	5.2938	5.1708	4.5532	5.350	5.1960	6.2841
#2	5.0937	4.9043	5.2992	5.1725	4.5403	5.317	5.1832	6.6762
#3	5.0979	4.9839	5.3022	5.1947	4.5671	5.332	5.2497	6.3357

Sample Name: CCV12 Acquired: 6/6/2019 22:35:21 Type: Unk
 Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.7903
Stddev	2.4071
%RSD	50.249

#1	7.2113
#2	2.3974
#3	4.7621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.9	45664.	4592.7	57.805	3592.3
Stddev	6.7	230.	23.2	.917	3.9
%RSD	.19904	.50447	.50576	1.5870	.10728

#1	3345.3	45434.	4579.3	57.095	3591.3
#2	3335.4	45665.	4619.6	58.841	3589.1
#3	3348.1	45894.	4579.4	57.480	3596.6

Sample Name: CCB12 Acquired: 6/6/2019 22:39:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00439	.00173	.00218	.00263	-.02377	-.00021
Stddev	.00170	.00159	.00057	.00239	.00064	.00897	.00056
%RSD	101.46	36.288	33.243	109.79	24.431	37.738	271.04

#1	-.00011	.00486	.00166	.00147	.00195	-.02296	-.00081
#2	.00187	.00261	.00119	.00022	.00270	-.01523	-.00009
#3	.00326	.00569	.00234	.00485	.00323	-.03311	.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00001	.00694	.00012	.00016	-.00128	.00216
Stddev	.00001	.00006	.01397	.00029	.00013	.00016	.00031
%RSD	10.454	731.53	201.41	242.98	80.395	12.491	14.422

#1	.00014	.00001	-.00914	.00027	.00017	-.00136	.00222
#2	.00012	-.00007	.01387	-.00021	.00003	-.00109	.00182
#3	.00011	.00004	.01607	.00029	.00029	-.00138	.00243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00176	.00037	-.00075	-.00737	-.00015	-.00014
Stddev	.00003	.03732	.00037	.00013	.00486	.00022	.00005
%RSD	28.630	2116.1	100.13	17.613	65.919	150.08	35.474

#1	.00007	.02656	.00023	-.00060	-.00737	.00003	-.00018
#2	.00012	-.04405	.00079	-.00079	-.00251	-.00008	-.00008
#3	.00013	.01219	.00009	-.00086	-.01222	-.00039	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09156	.00003	-.00848	-.00321	.00190	.00002	-.00060
Stddev	.03307	.00021	.02254	.00157	.00292	.00031	.00144
%RSD	36.121	728.55	265.94	49.059	153.91	1350.0	238.28

#1	.09985	.00002	-.01973	-.00361	.00459	-.00012	.00079
#2	.11971	.00024	.01748	-.00454	-.00120	.00038	-.00052
#3	.05514	-.00018	-.02317	-.00147	.00230	-.00019	-.00208

Sample Name: CCB12 Acquired: 6/6/2019 22:39:20 Type: Unk
Method: P4-ICP2(v3180) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00393	-.0032	.00004	F 4.6297	F<.00000
Stddev	.00299	.0009	.00009	.0949	.88264
%RSD	75.932	29.19	204.09	2.0489	81.714
#1	-.00603	-.0027	.00014	4.5879	-2.0884
#2	-.00051	-.0026	-.00001	4.7382	-.70476
#3	-.00526	-.0042	-.00000	4.5629	-.44727
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.8	48222.	4670.8	60.148	4058.7
Stddev	5.9	49.	44.4	1.809	7.3
%RSD	.16770	.10172	.95088	3.0075	.17908
#1	3526.6	48191.	4660.0	61.330	4063.4
#2	3516.0	48195.	4719.6	61.050	4050.3
#3	3525.7	48278.	4632.7	58.066	4062.3