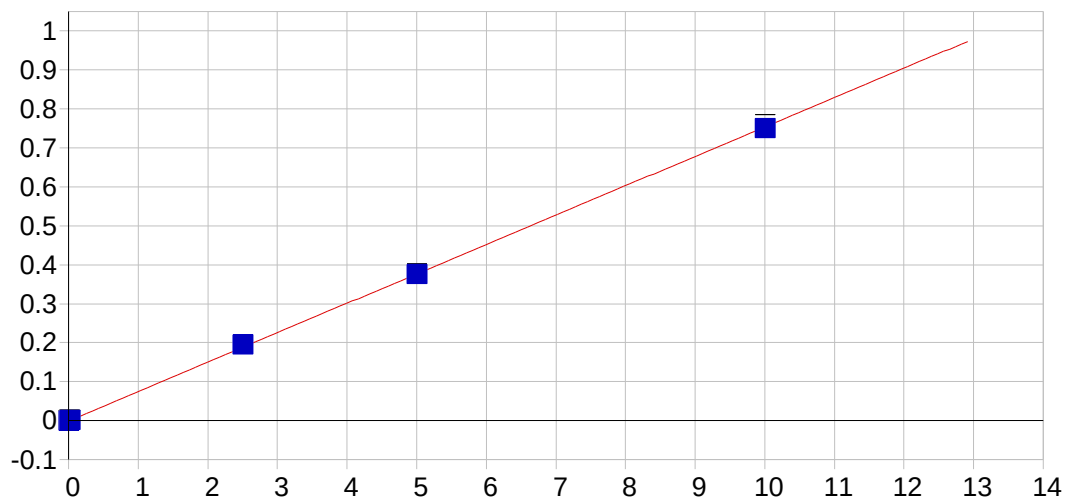




As 189.042 {478}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000666

Re-Slope: 1.000000

A1 (Gain): 0.075438

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999921

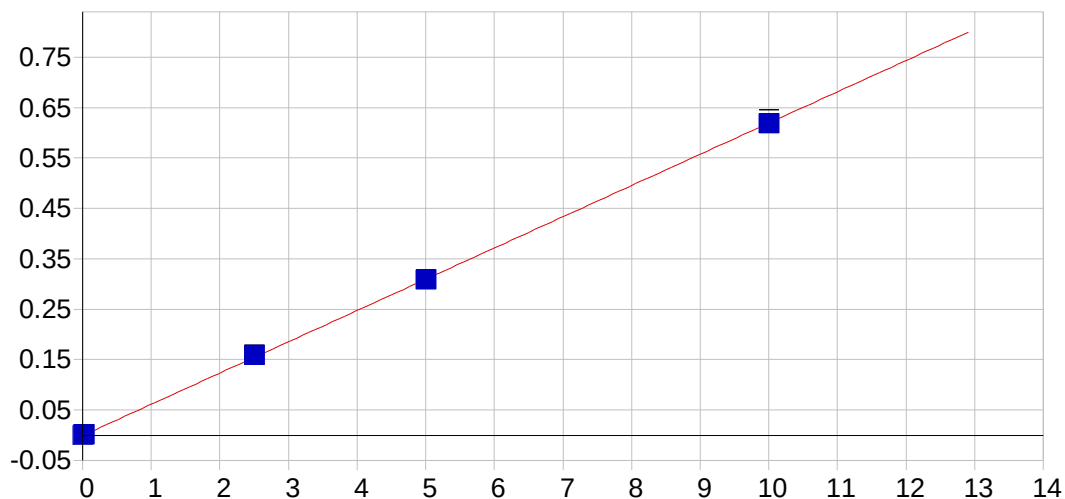
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.002663

Predicted MQL: 0.008876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00067	.000	1
S1	.02000	.02091	.001	4.55	.00091	.000	1
S3	2.5000	2.5761	.076	3.04	.19366	.001	1
S4	5.0000	4.9803	-.020	-.394	.37502	.001	1
S5	10.000	9.9427	-.057	-.573	.74934	.010	1



As 189.042 {479}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

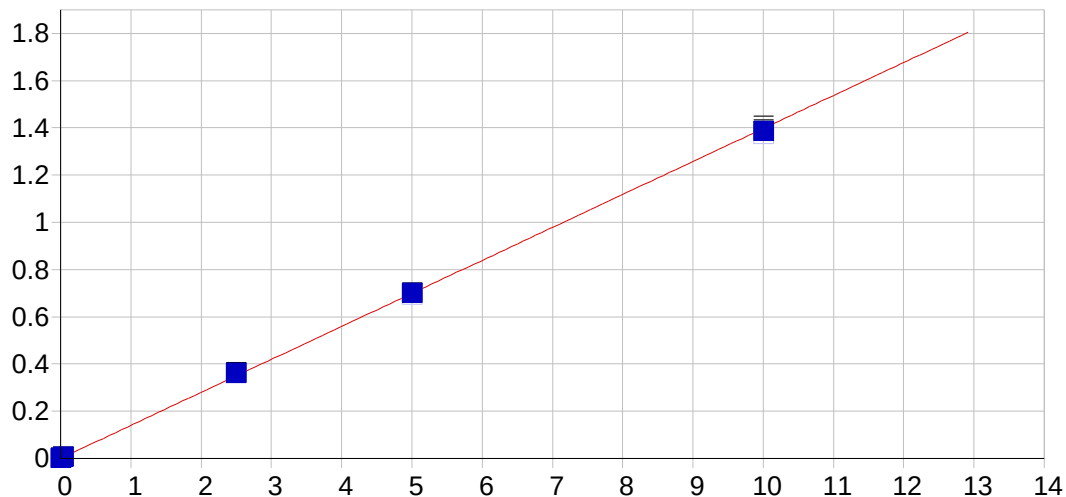
Weighting: 1/Conc

A0 (Offset): -0.000463

Re-Slope: 1.000000

A1 (Gain): 0.061984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002316
 Predicted MQL: 0.007721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.02000	.02009	.000	.461	.00078	.000	1
S3	2.5000	2.5600	.060	2.40	.15822	.000	1
S4	5.0000	4.9753	-.025	-.494	.30793	.001	1
S5	10.000	9.9646	-.035	-.354	.61719	.009	1

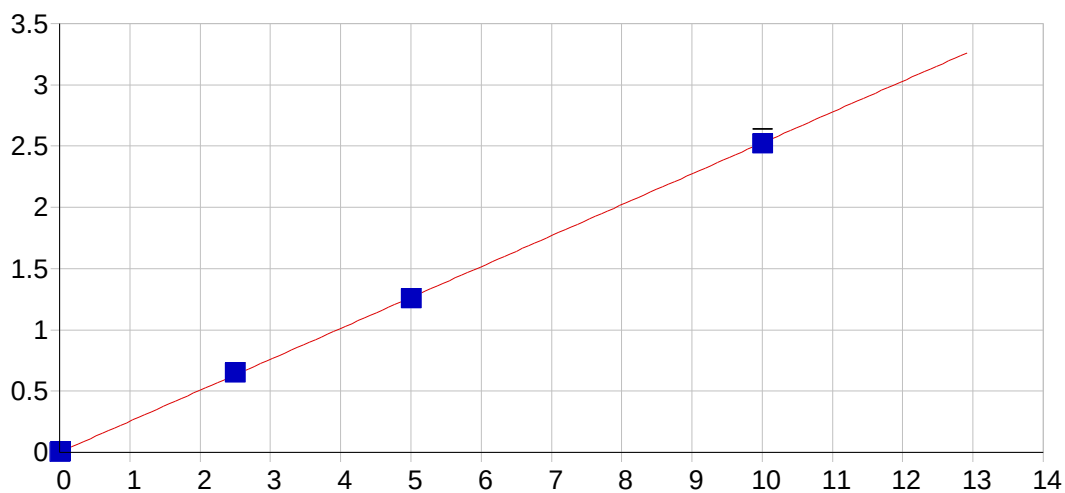


TI 190.856 {477}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000511 Re-Slope: 1.000000
 A1 (Gain): 0.139694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001124
 Predicted MQL: 0.003747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.04000	.04145	.001	3.62	.00616	.000	1
S3	2.5000	2.5830	.083	3.32	.35776	.001	1
S4	5.0000	4.9976	-.002	-.049	.69148	.000	1
S5	10.000	9.9180	-.082	-.820	1.3717	.020	1

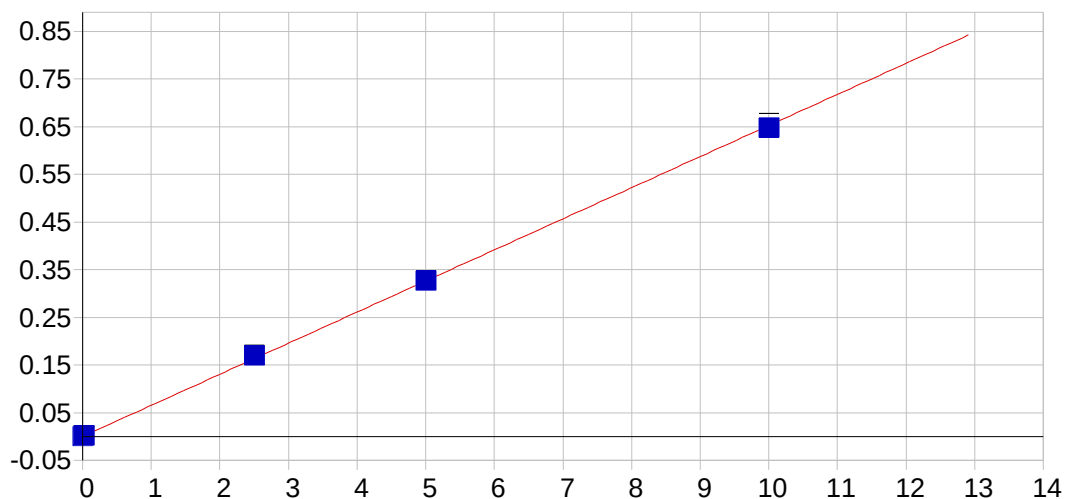


Pb 220.353 {453}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002245 Re-Slope: 1.000000
 A1 (Gain): 0.252354 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000939
 Predicted MQL: 0.003130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00224	.000	1
S1	.01200	.01215	.000	1.25	.00525	.000	1
S3	2.5000	2.5587	.059	2.35	.64709	.001	1
S4	5.0000	4.9629	-.037	-.742	1.2529	.002	1
S5	10.000	9.9782	-.022	-.218	2.5169	.038	1



Se 196.090 {472}

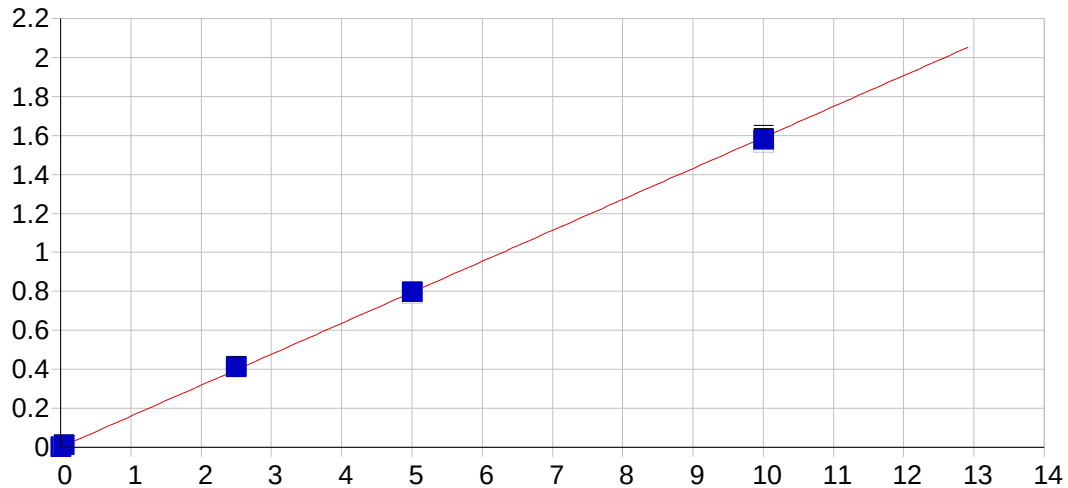
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.065240 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000024
 Predicted MDL: 0.002701
 Predicted MQL: 0.009004

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.02000	.01988	-.000	-.577	.00131	.000	1
S3	2.5000	2.5914	.091	3.66	.16904	.001	1
S4	5.0000	4.9892	-.011	-.216	.32543	.001	1
S5	10.000	9.9195	-.081	-.805	.64701	.009	1



Sb 206.833 {463}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

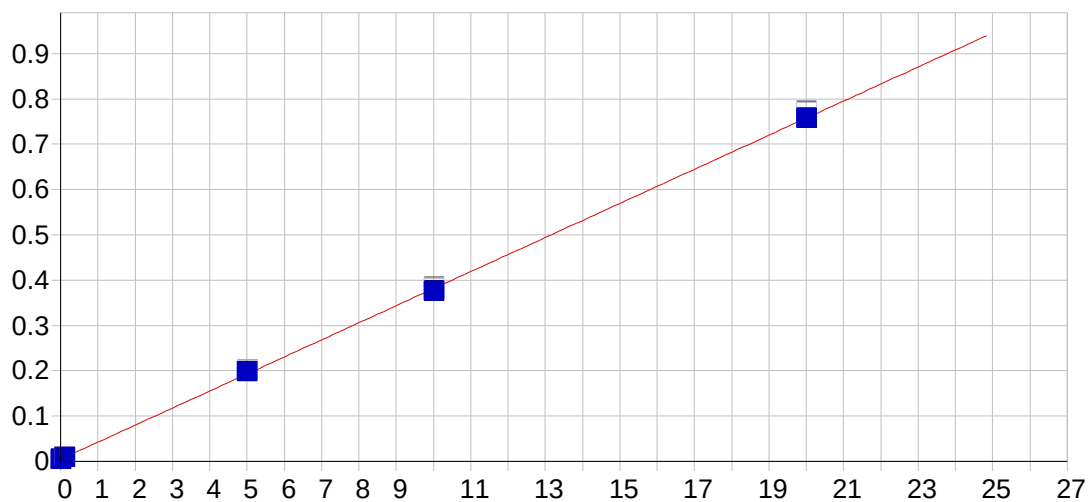
Weighting: 1/Conc

A0 (Offset): 0.000737
 A1 (Gain): 0.158878
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000089
 Predicted MDL: 0.001456
 Predicted MQL: 0.004854

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	.00074	.000	1
S1	.05000	.05104	.001	2.07	.00865	.000	1
S3	2.5000	2.5872	.087	3.49	.40733	.001	1
S4	5.0000	4.9936	-.006	-.129	.78517	.001	1
S5	10.000	9.9182	-.082	-.818	1.5587	.023	1

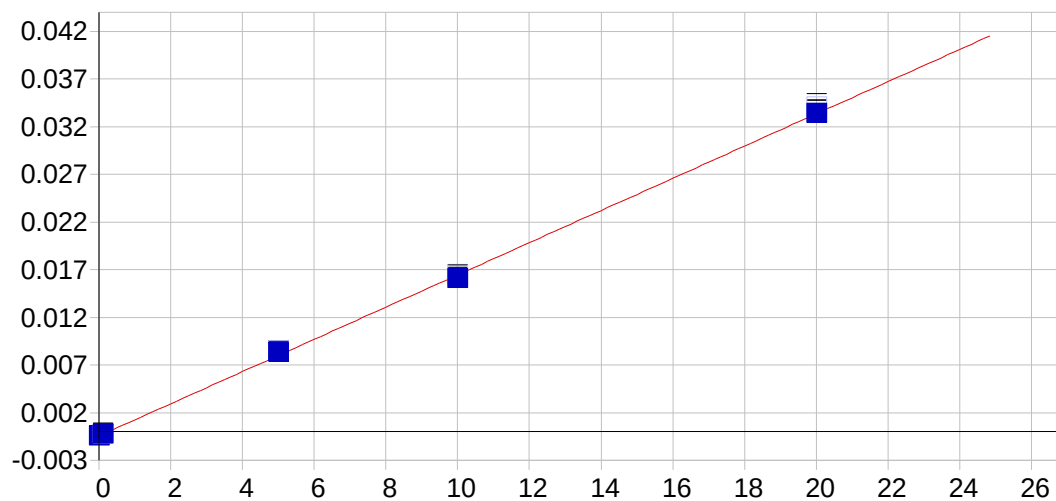


AI 308.215 {109}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004683 Re-Slope: 1.000000
 A1 (Gain): 0.037643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.002590
 Predicted MQL: 0.008632

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00468	.000	1
S1	.10000	.11614	.016	16.1	.00932	.000	1
S3	5.0000	5.1409	.141	2.82	.20195	.000	1
S4	10.000	9.8595	-.140	-1.40	.38332	.000	1
S5	20.000	19.983	-.017	-.087	.77188	.001	1



AI 309.271 {109}

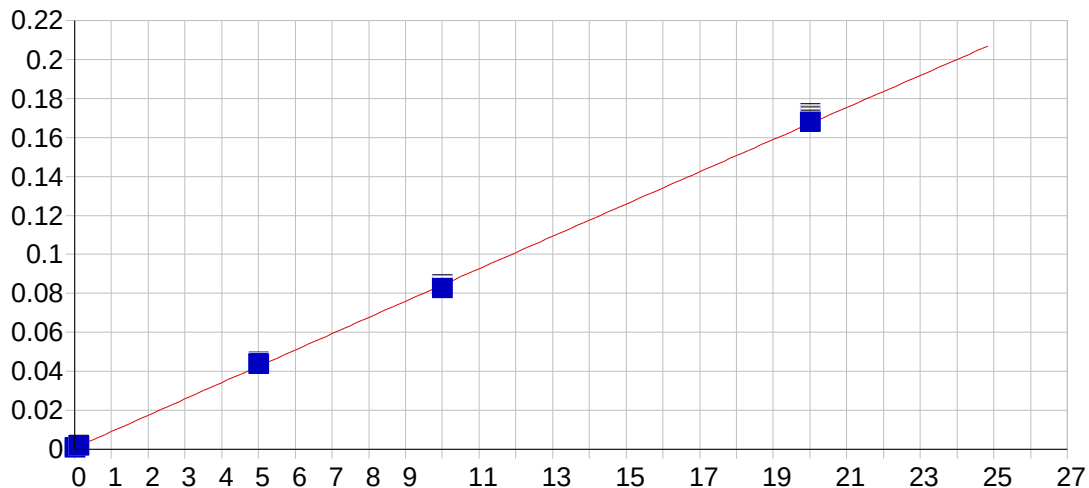
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000451 Re-Slope: 1.000000
 A1 (Gain): 0.001690 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755
 Std Error of Est: 0.000003
 Predicted MDL: 0.034288
 Predicted MQL: 0.114294

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00045	.000	1
S1	.10000	.12344	.023	23.4	-.00023	.000	1
S3	5.0000	5.1884	.188	3.77	.00849	.000	1
S4	10.000	9.7705	-.229	-2.29	.01640	.000	1
S5	20.000	20.016	.016	.082	.03405	.000	1



AI 396.152 { 85}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Curvilinear

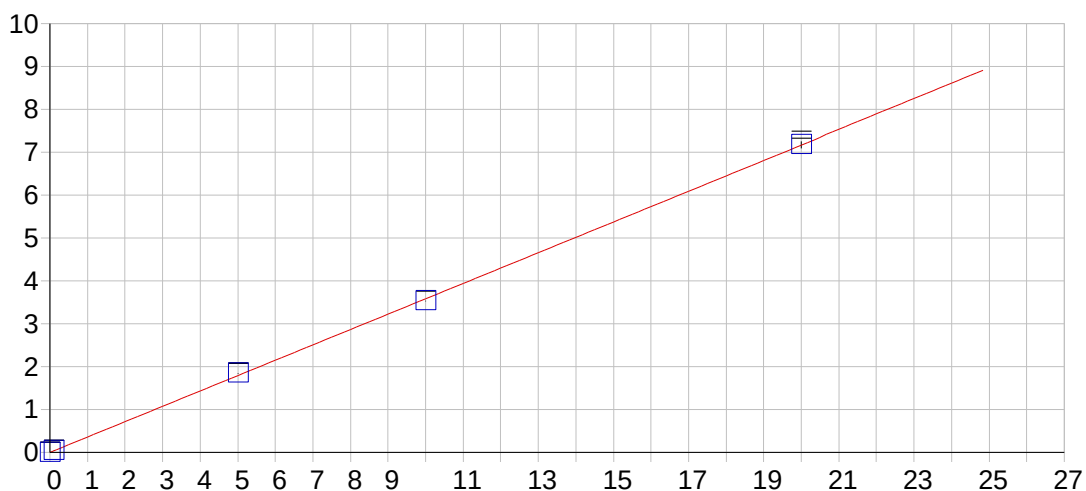
Weighting: 1/Conc

A0 (Offset): 0.000664
 A1 (Gain): 0.008411
 A2 (Curvature): -0.000004
 n (Exponent): 1.000000
 Correlation: 0.999801
 Std Error of Est: 0.000016
 Predicted MDL: 0.012027
 Predicted MQL: 0.040092

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	-.00003	-.000	.000	.00066	.000	1
S1	.10000	.12618	.026	26.2	.00178	.000	1
S3	5.0000	5.1098	.110	2.20	.04436	.000	1
S4	10.000	9.7792	-.221	-2.21	.08417	.000	1
S5	20.000	20.084	.084	.418	.17117	.001	1

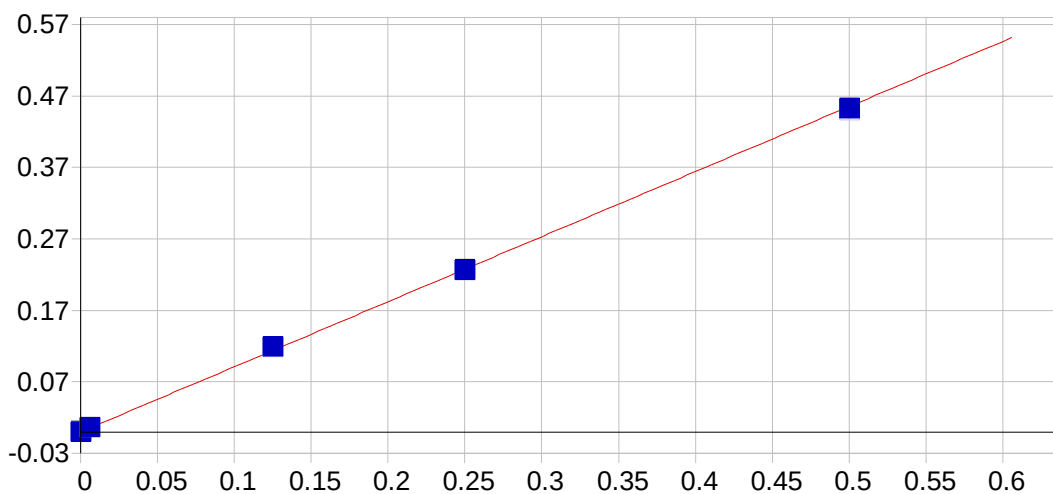


Ba 493.409 { 68}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001043 Re-Slope: 1.000000
 A1 (Gain): 0.358521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000372
 Predicted MDL: 0.000546
 Predicted MQL: 0.001819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00104	.000	1
S1	.10000	.10270	.003	2.70	.03786	.000	1
S3	5.0000	5.1403	.140	2.81	1.8439	.003	1
S5	20.000	20.013	.013	.067	7.1762	.083	1
S4	10.000	9.8437	-.156	-1.56	3.5302	.010	1



Be 234.861 {144}

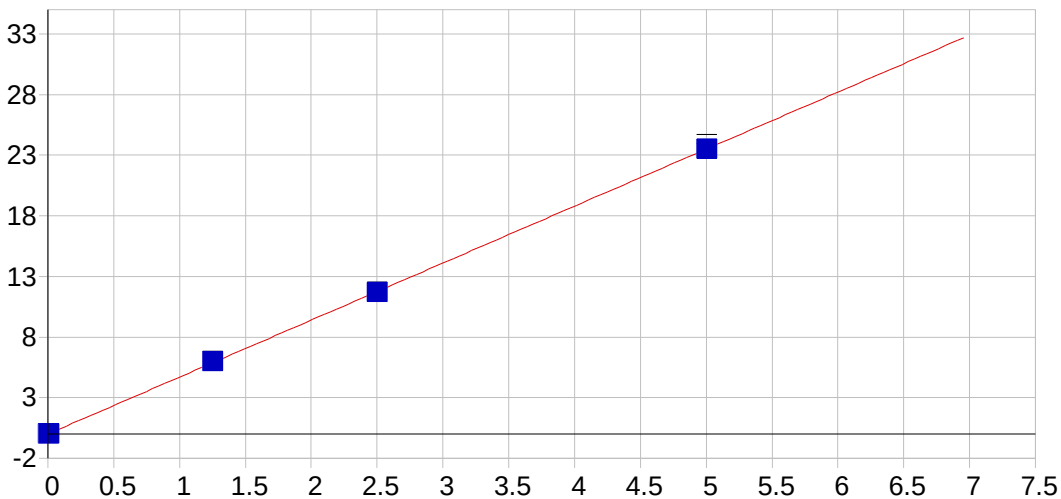
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.910784 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000046
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00636	.000	5.93	.00573	.000	1
S3	.12500	.12991	.005	3.93	.11760	.000	1
S4	.25000	.24869	-.001	-.525	.22506	.001	1
S5	.50000	.49605	-.004	-.790	.44892	.001	1



Cd 226.502 {449}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

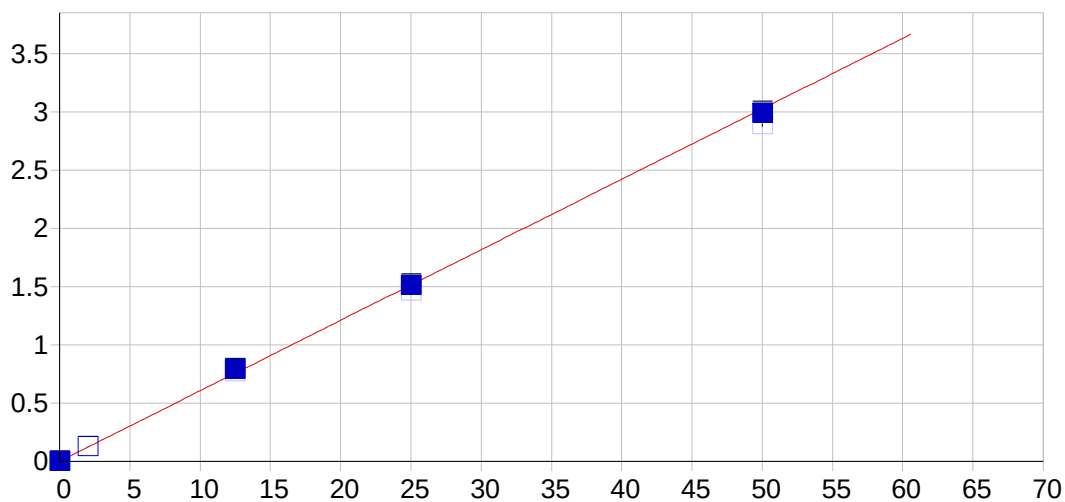
Weighting: 1/Conc

A0 (Offset): -0.000530
 A1 (Gain): 4.699910
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000312
 Predicted MDL: 0.000065
 Predicted MQL: 0.000215

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	-.00053	.000	1
S1	.00600	.00590	-.000	-1.61	.02727	.000	1
S3	1.2500	1.2696	.020	1.57	5.9677	.014	1
S4	2.5000	2.4818	-.018	-.727	11.667	.020	1
S5	5.0000	4.9987	-.001	-.026	23.498	.360	1

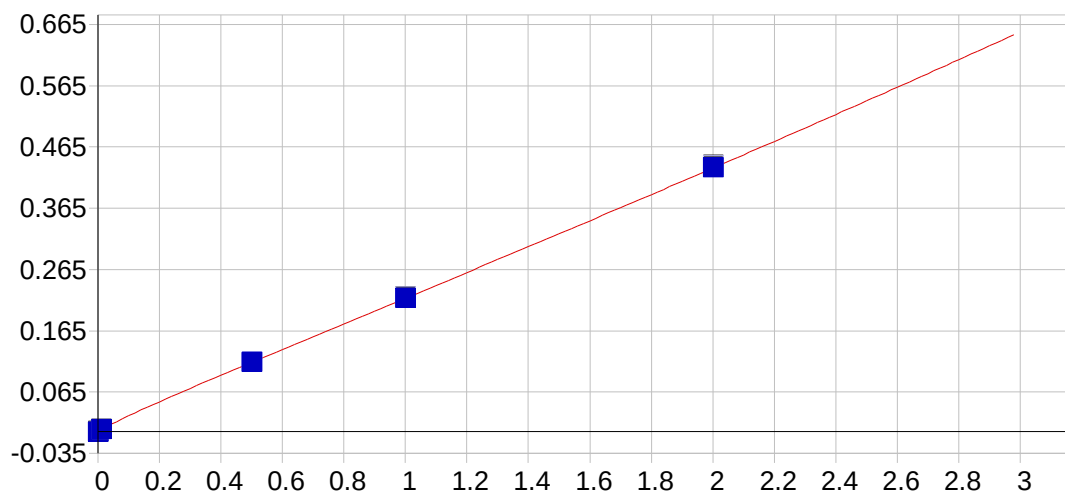


Ca 373.690 { 90}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001016 Re-Slope: 1.000000
 A1 (Gain): 0.060545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000697
 Predicted MDL: 0.014422
 Predicted MQL: 0.048072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0933	.093	4.67	.12776	.001	1
S0	.00000	-.00016	-.000	.000	.00101	.001	1
S3	12.500	13.083	.583	4.67	.76794	.004	1
S4	25.000	24.959	-.041	-.163	1.4617	.011	1
S5	50.000	49.361	-.639	-1.28	2.8887	.015	1



Cr 267.716 {126}

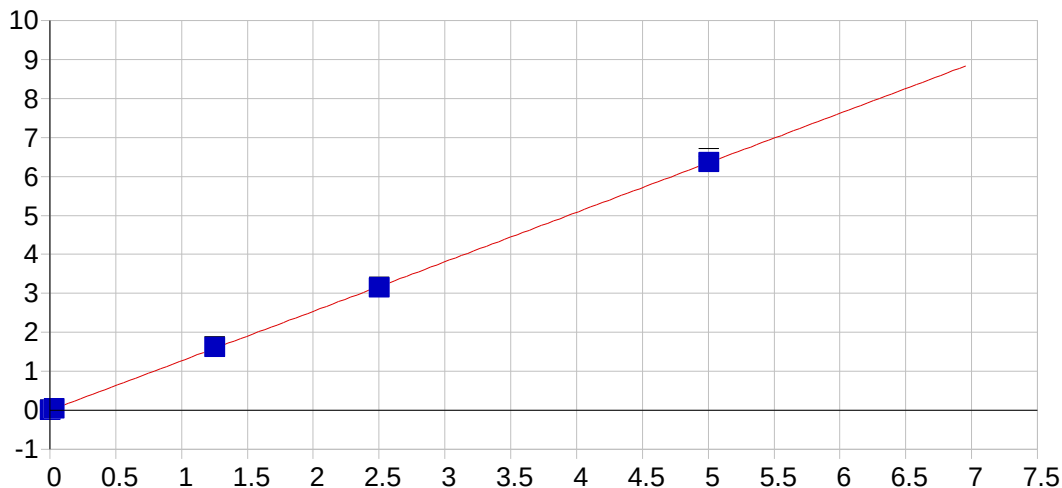
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.201808 Y-int: 0.000000

A2 (Curvature): 0.016441
 n (Exponent): 0.890000
 Correlation: 1.000000
 Std Error of Est: 0.000003
 Predicted MDL: 0.000440
 Predicted MQL: 0.001467

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.00997	-.000	-.314	.00331	.000	1
S3	.50000	.50088	.001	.175	.11462	.000	1
S4	1.0000	.99869	-.001	-.131	.21952	.000	1
S5	2.0000	2.0004	.000	.022	.43367	.001	1



Co 228.616 {447}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

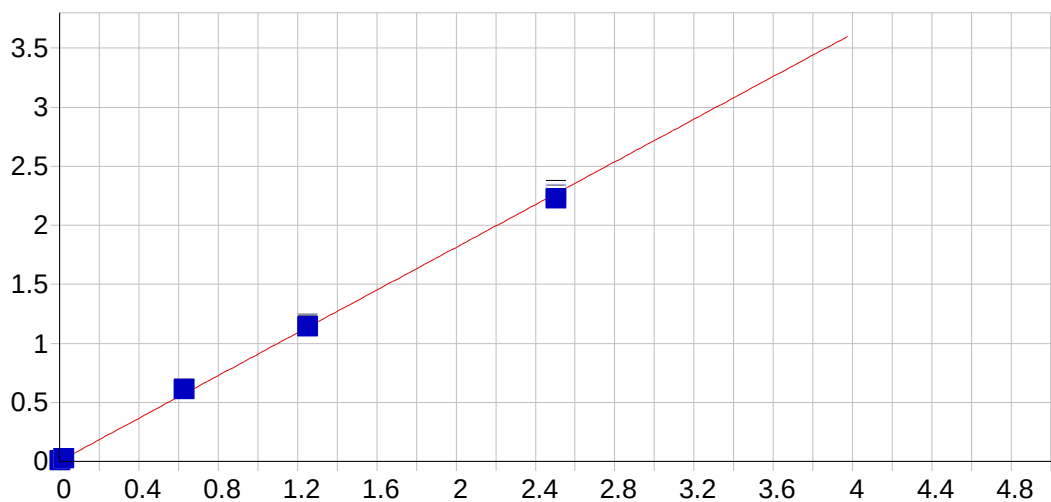
Weighting: 1/Conc

A0 (Offset): -0.000534
 A1 (Gain): 1.270008
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000224
 Predicted MDL: 0.000203
 Predicted MQL: 0.000675

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	-.00053	.000	1
S1	.03000	.02906	-.001	-3.15	.03611	.000	1
S3	1.2500	1.2715	.021	1.72	1.6155	.004	1
S4	2.5000	2.4764	-.024	-.942	3.1471	.001	1
S5	5.0000	5.0030	.003	.060	6.3583	.099	1

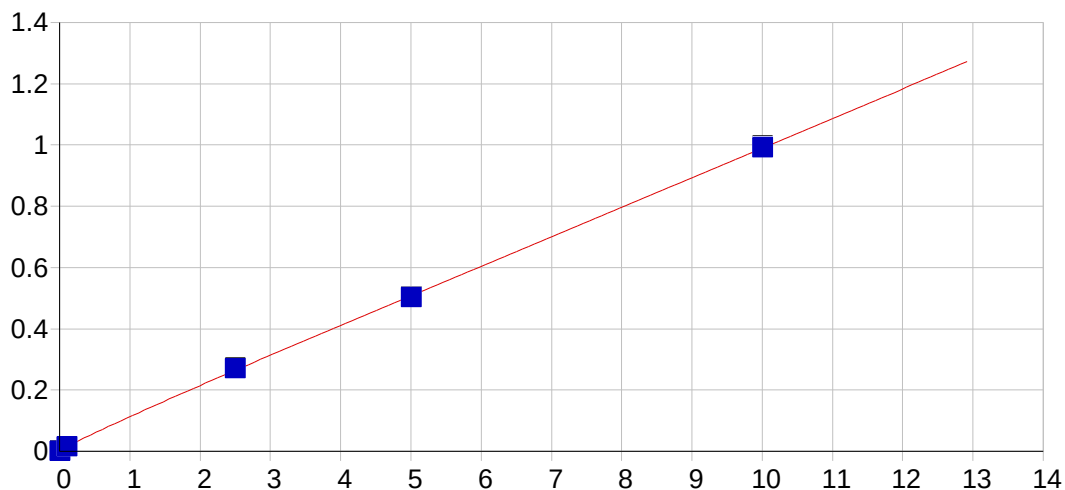


Cu 224.700 {450}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003107 Re-Slope: 1.000000
 A1 (Gain): 0.904905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999588 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.000359
 Predicted MQL: 0.001198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00310	.000	1
S1	.02000	.02214	.002	10.7	.02342	.000	1
S3	.62500	.66502	.040	6.40	.61403	.001	1
S4	1.2500	1.2558	.006	.465	1.1578	.002	1
S5	2.5000	2.4520	-.048	-1.92	2.2585	.033	1



Fe 240.488 {140}

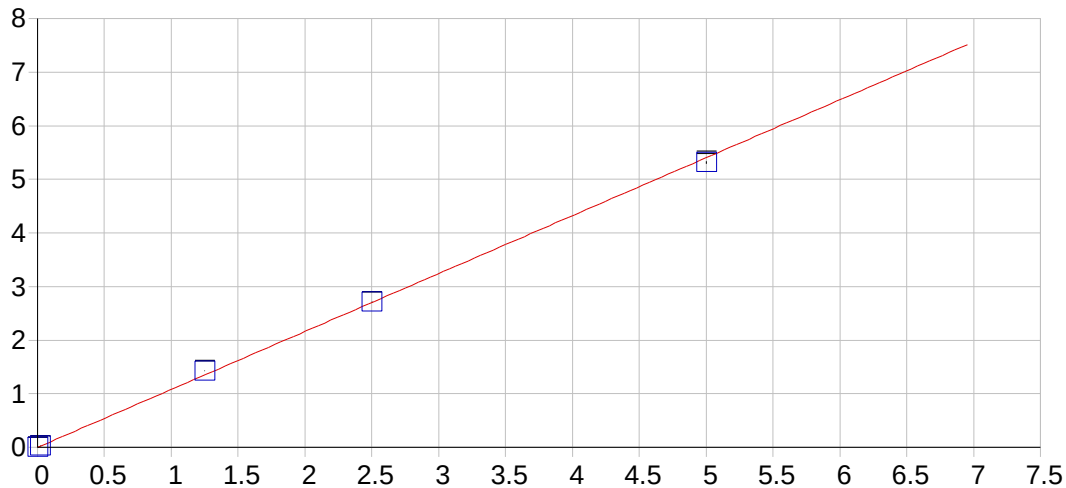
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000806 Re-Slope: 1.000000
 A1 (Gain): 0.111407 Y-int: 0.000000

A2 (Curvature): 0.000897
 n (Exponent): 0.920000
 Correlation: 0.999956
 Std Error of Est: 0.000089
 Predicted MDL: 0.000615
 Predicted MQL: 0.002050

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.10000	.09641	-.004	-3.59	.01382	.000	1
S3	2.5000	2.5434	.043	1.73	.26980	.001	1
S4	5.0000	4.9415	-.059	-1.17	.50430	.000	1
S5	10.000	10.019	.019	.189	.99547	.002	1

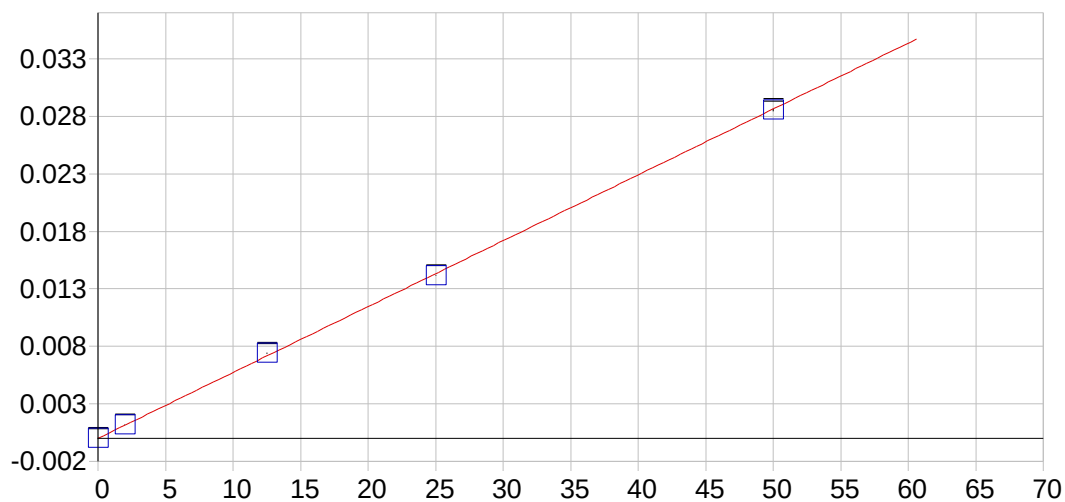


Mn 257.610 {131}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 1.080599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999680 Status: OK.
 Std Error of Est: 0.000467
 Predicted MDL: 0.000069
 Predicted MQL: 0.000231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02231	.002	11.6	.02428	.000	1
S3	1.2500	1.3200	.070	5.60	1.4265	.001	1
S4	2.5000	2.5107	.011	.429	2.7133	.000	1
S5	5.0000	4.9170	-.083	-1.66	5.3135	.029	1

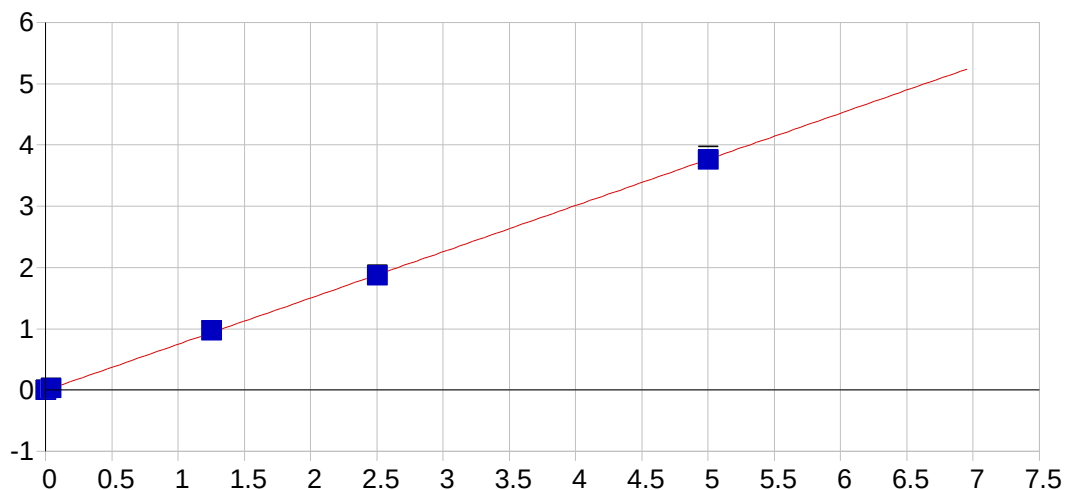


Mg 279.079 {121}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.000573 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.051410
 Predicted MQL: 0.171367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0643	.064	3.22	.00119	.000	1
S0	.00000	-.00010	-.000	.000	.00000	.000	1
S3	12.500	12.912	.412	3.29	.00740	.000	1
S4	25.000	24.693	-.307	-1.23	.01414	.000	1
S5	50.000	49.831	-.169	-.338	.02854	.000	1



Ni 231.604 {445}

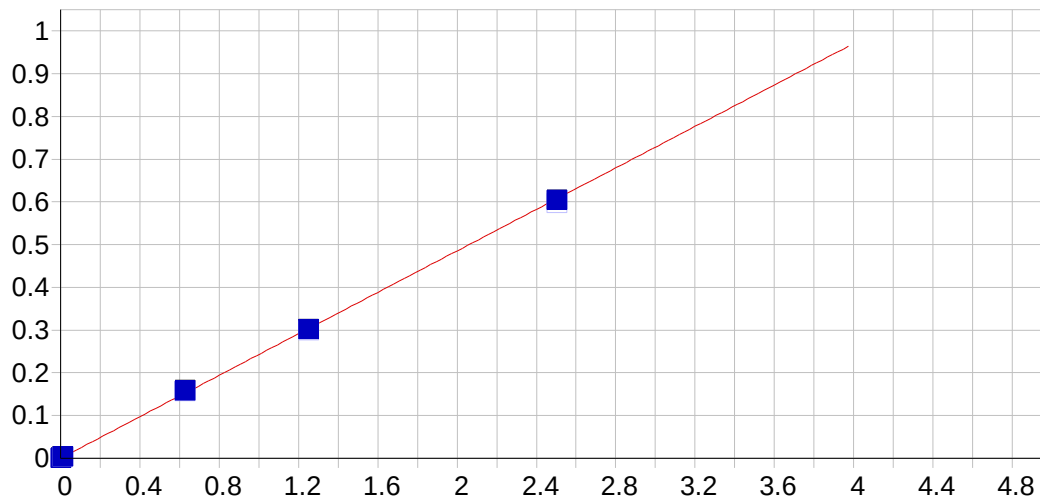
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006967 Re-Slope: 1.000000
 A1 (Gain): 0.754558 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000233
 Predicted MDL: 0.000360
 Predicted MQL: 0.001199

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00697	.000	1
S1	.04000	.04276	.003	6.89	.02531	.000	1
S3	1.2500	1.2857	.036	2.86	.96422	.002	1
S4	2.5000	2.4804	-.020	-.784	1.8667	.004	1
S5	5.0000	4.9811	-.019	-.378	3.7557	.059	1



Ag 328.068 {103}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

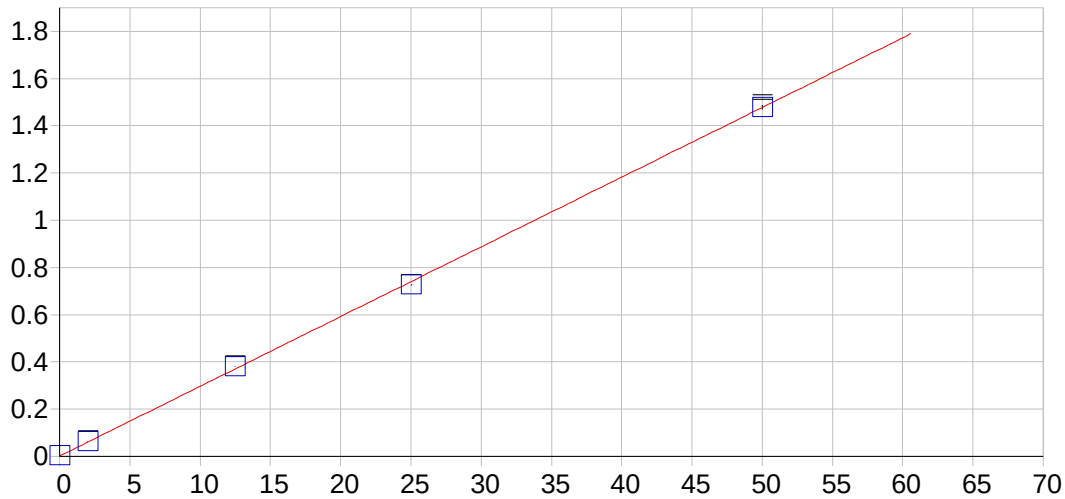
Weighting: 1/Conc

A0 (Offset): 0.000222
 A1 (Gain): 0.242649
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853
 Std Error of Est: 0.000035
 Predicted MDL: 0.000553
 Predicted MQL: 0.001844

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	.00022	.000	1
S1	.01000	.01089	.001	8.85	.00281	.000	1
S3	.62500	.64997	.025	3.99	.15621	.001	1
S4	1.2500	1.2401	-.010	-.793	.29767	.000	1
S5	2.5000	2.4841	-.016	-.637	.59607	.001	1

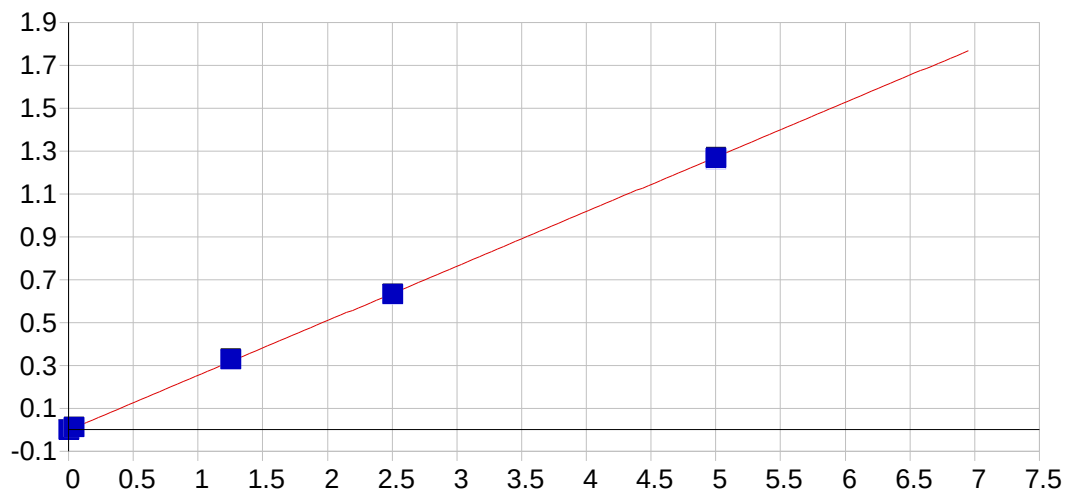


Na 589.592 { 57}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001660 Re-Slope: 1.000000
 A1 (Gain): 0.029521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000246
 Predicted MDL: 0.008733
 Predicted MQL: 0.029109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0932	.093	4.66	.06345	.001	1
S0	.00000	-.00011	-.000	.000	.00166	.000	1
S3	12.500	12.831	.331	2.65	.38044	.000	1
S4	25.000	24.558	-.442	-1.77	.72665	.001	1
S5	50.000	50.018	.018	.035	1.4782	.009	1



V 292.402 {115}

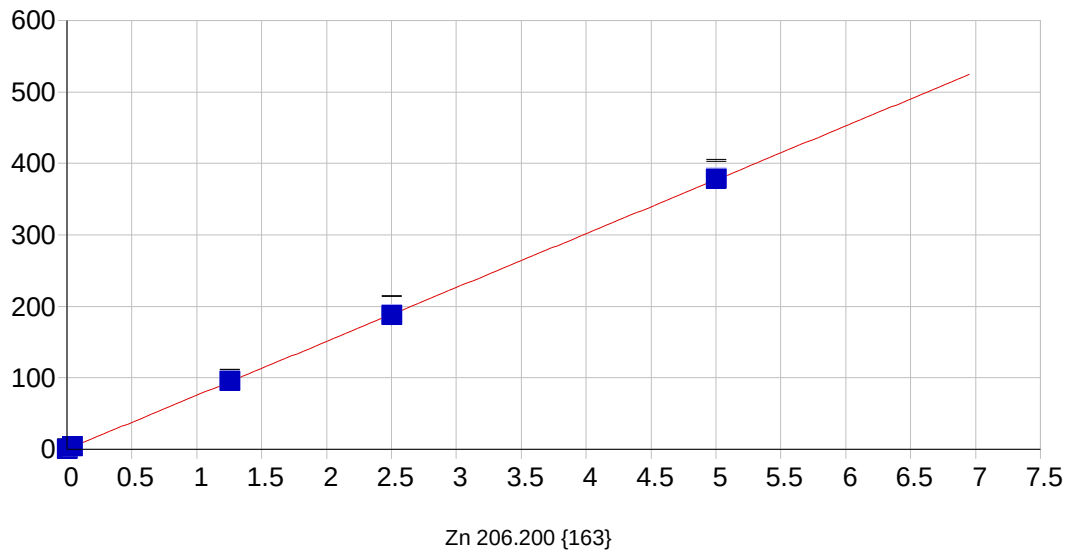
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.254512 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000079
 Predicted MDL: 0.000405
 Predicted MQL: 0.001351

Status: OK.

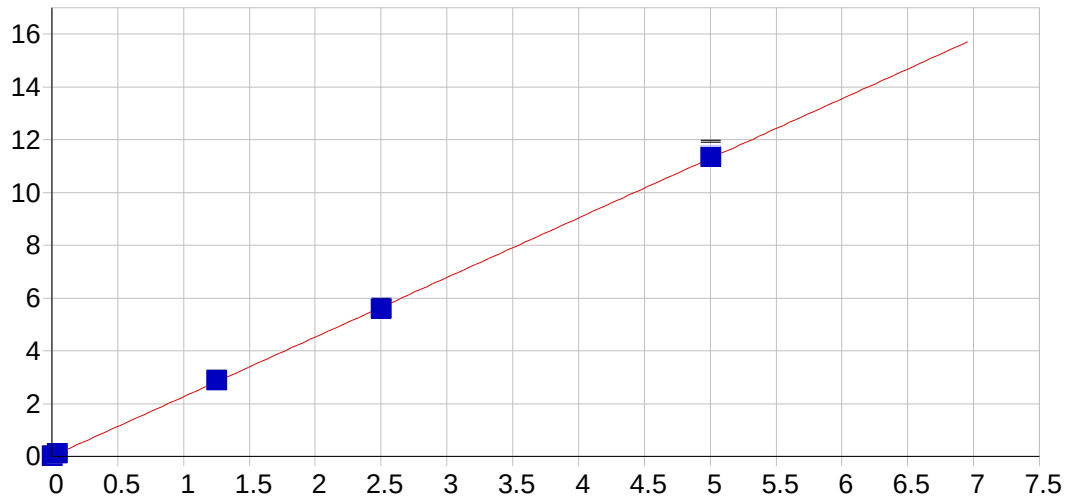
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04006	.000	.141	.01000	.000	1
S3	1.2500	1.2889	.039	3.11	.32592	.001	1
S4	2.5000	2.4799	-.020	-.804	.62698	.000	1
S5	5.0000	4.9812	-.019	-.377	1.2594	.002	1



Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.166460 Re-Slope: 1.000000
 A1 (Gain): 75.399003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.016316
 Predicted MDL: 0.000410
 Predicted MQL: 0.001365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.16619	.046	1
S1	.04000	.04356	.004	8.89	3.4703	.171	1
S3	1.2500	1.2623	.012	.987	95.915	1.36	1
S4	2.5000	2.4751	-.025	-.998	187.92	12.7	1
S5	5.0000	5.0090	.009	.181	380.12	11.0	1

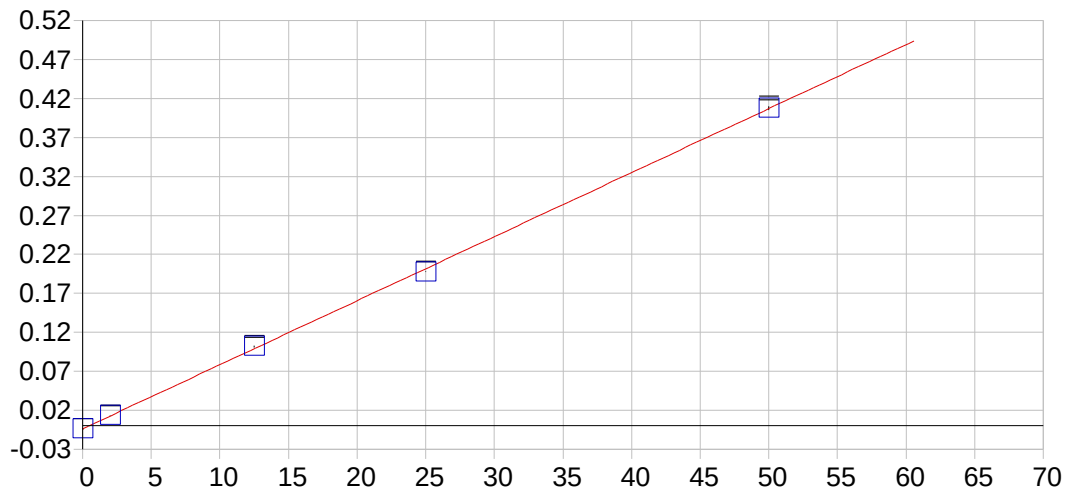


Zn 213.856 {458}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003066 Re-Slope: 1.000000
 A1 (Gain): 2.258144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000443
 Predicted MDL: 0.000086
 Predicted MQL: 0.000288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00306	.000	1
S1	.04000	.04054	.001	1.36	.09525	.000	1
S3	1.2500	1.2645	.015	1.16	2.8766	.004	1
S4	2.5000	2.4701	-.030	-1.20	5.6169	.004	1
S5	5.0000	5.0148	.015	.296	11.399	.182	1



K 766.490 {44}

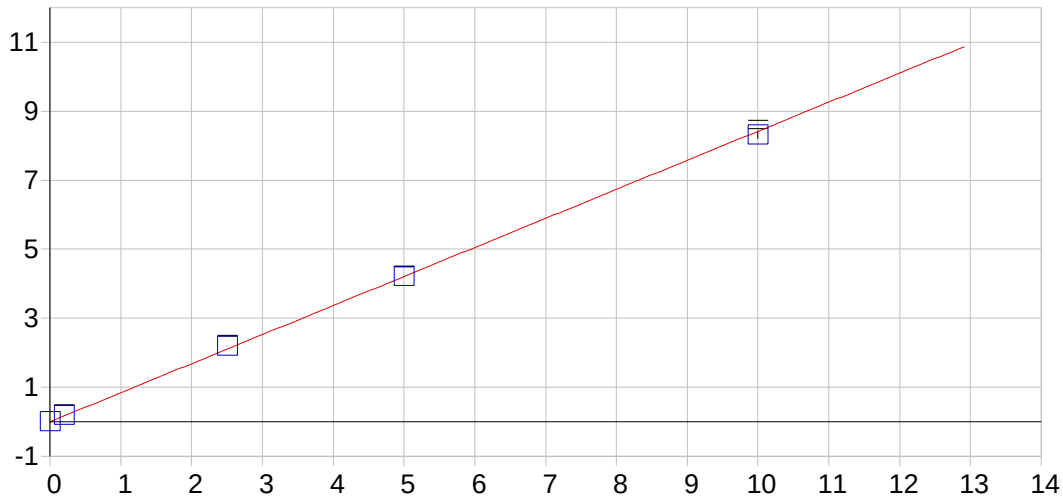
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003668 Re-Slope: 1.000000
 A1 (Gain): 0.008214 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000069
 Predicted MDL: 0.035897
 Predicted MQL: 0.119657

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0647	.065	3.24	.01329	.000	1
S0	.00000	-.00008	-.000	.000	-.00367	.000	1
S3	12.500	12.836	.336	2.69	.10177	.001	1
S4	25.000	24.500	-.500	-2.00	.19757	.000	1
S5	50.000	50.099	.099	.197	.40782	.002	1



Mo 202.030 {467}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

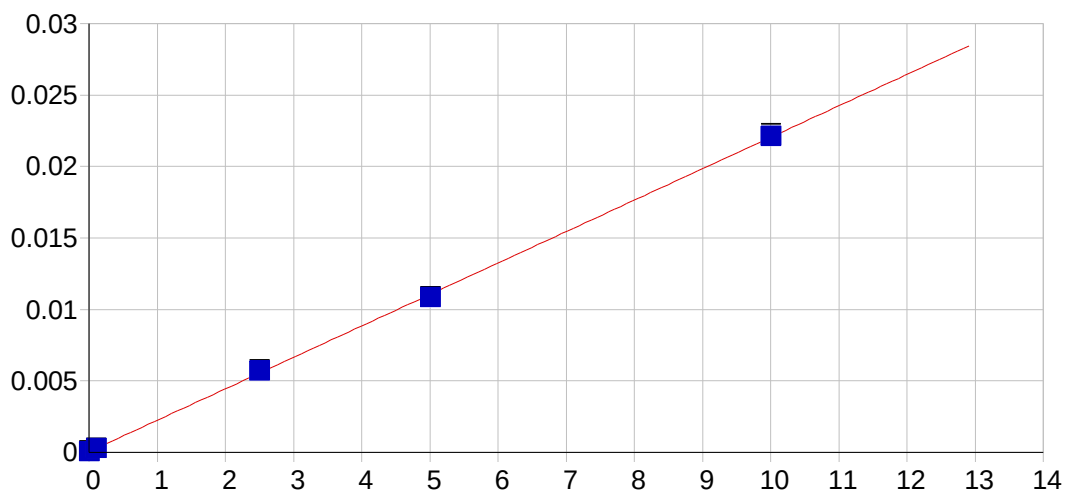
Weighting: 1/Conc

A0 (Offset): 0.000059
 A1 (Gain): 0.841919
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799
 Std Error of Est: 0.001295
 Predicted MDL: 0.000247
 Predicted MQL: 0.000823

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	.00004	.000	1
S1	.20000	.21155	.012	5.78	.17817	.000	1
S3	2.5000	2.6117	.112	4.47	2.1989	.005	1
S4	5.0000	4.9970	-.003	-.061	4.2071	.007	1
S5	10.000	9.8798	-.120	-1.20	8.3180	.124	1

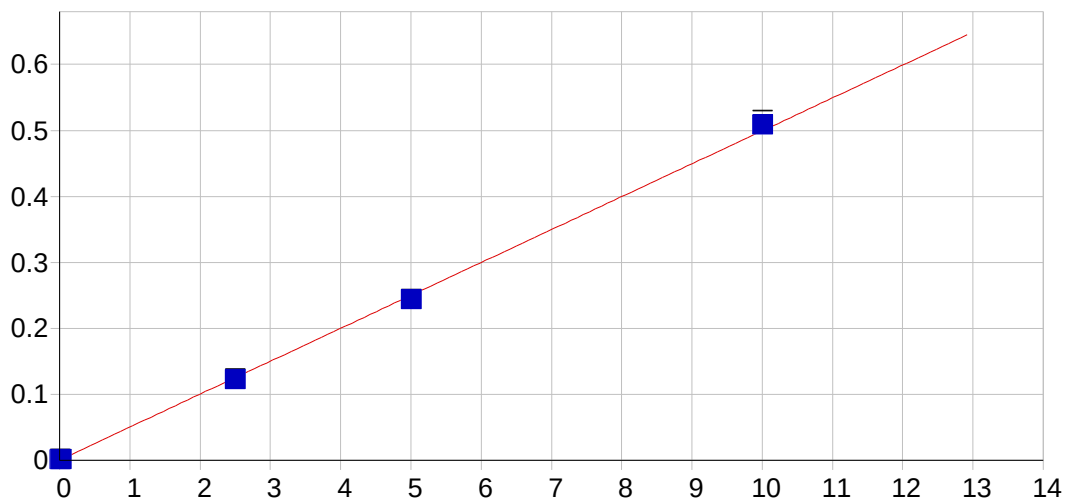


B 249.678 {135}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.002200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.012207
 Predicted MQL: 0.040691

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.10000	.09667	-.003	-3.33	.00026	.000	1
S3	2.5000	2.5683	.068	2.73	.00568	.000	1
S4	5.0000	4.8979	-.102	-2.04	.01080	.000	1
S5	10.000	10.037	.037	.370	.02208	.000	1



S 182.034 {485}

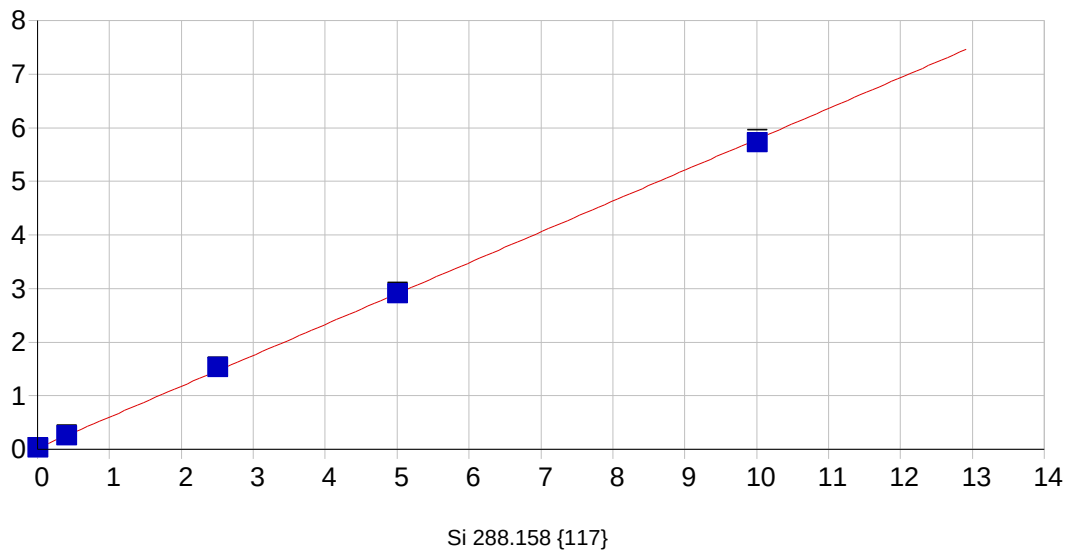
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000569 Re-Slope: 1.000000
 A1 (Gain): 0.049879 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760
 Std Error of Est: 0.000026
 Predicted MDL: 0.002648
 Predicted MQL: 0.008826

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.02000	.01596	-.004	-20.2	.00133	.000	1
S3	2.5000	2.4448	-.055	-2.21	.12237	.000	1
S4	5.0000	4.8768	-.123	-2.46	.24354	.000	1
S5	10.000	10.182	.182	1.82	.50789	.006	1



Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

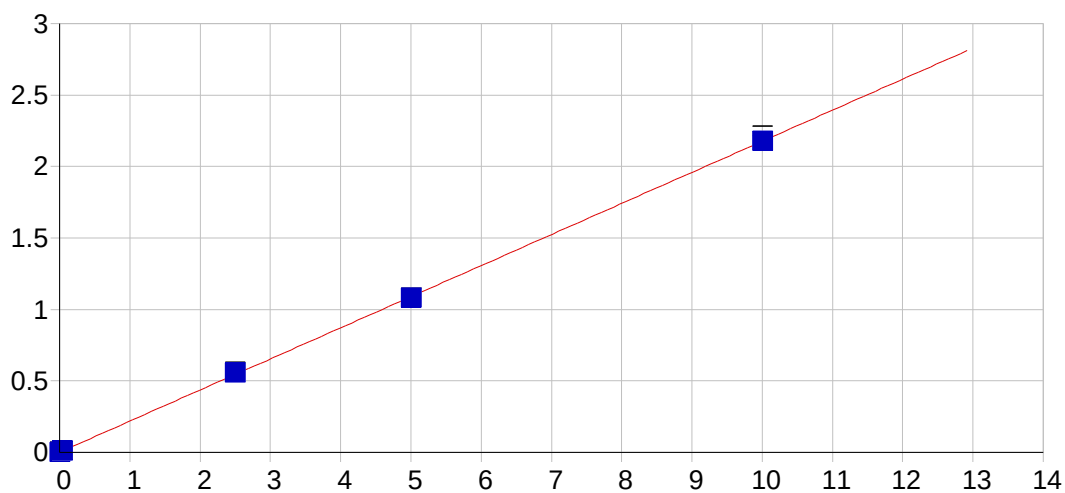
Weighting: 1/Conc

A0 (Offset): 0.025495
 A1 (Gain): 0.575683
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.001059
 Predicted MDL: 0.002153
 Predicted MQL: 0.007177

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	.02549	.001	1
S1	.40000	.39851	-.001	-.373	.25472	.002	1
S3	2.5000	2.6006	.101	4.02	1.5219	.012	1
S4	5.0000	5.0022	.002	.044	2.9036	.020	1
S5	10.000	9.8987	-.101	-1.01	5.7209	.050	1

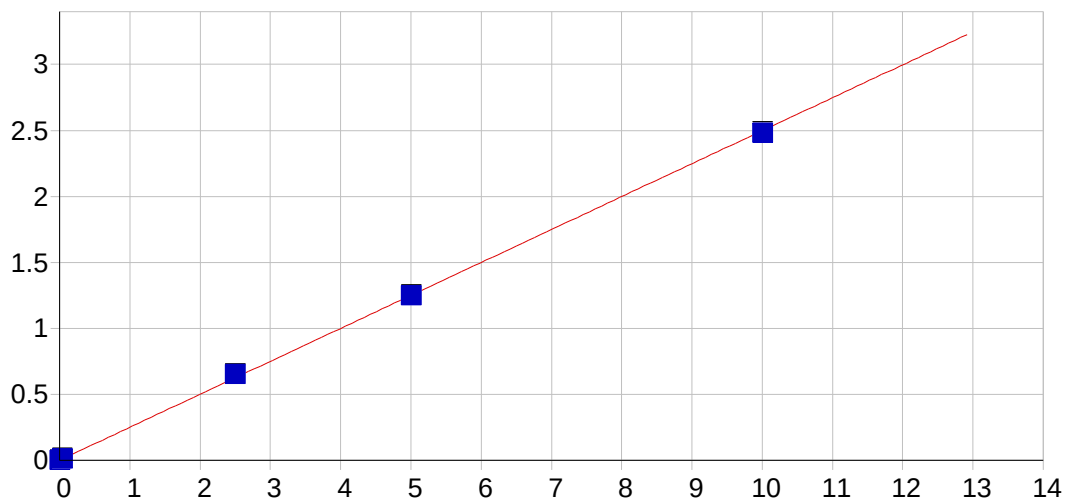


Sn 189.989 {477}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001590 Re-Slope: 1.000000
 A1 (Gain): 0.217510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.000615
 Predicted MQL: 0.002049

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.000	1
S1	.04000	.03815	-.002	-4.63	.00989	.000	1
S3	2.5000	2.5543	.054	2.17	.55727	.001	1
S4	5.0000	4.9487	-.051	-1.03	1.0782	.002	1
S5	10.000	9.9989	-.001	-.011	2.1768	.034	1



Ti 336.121 {100}

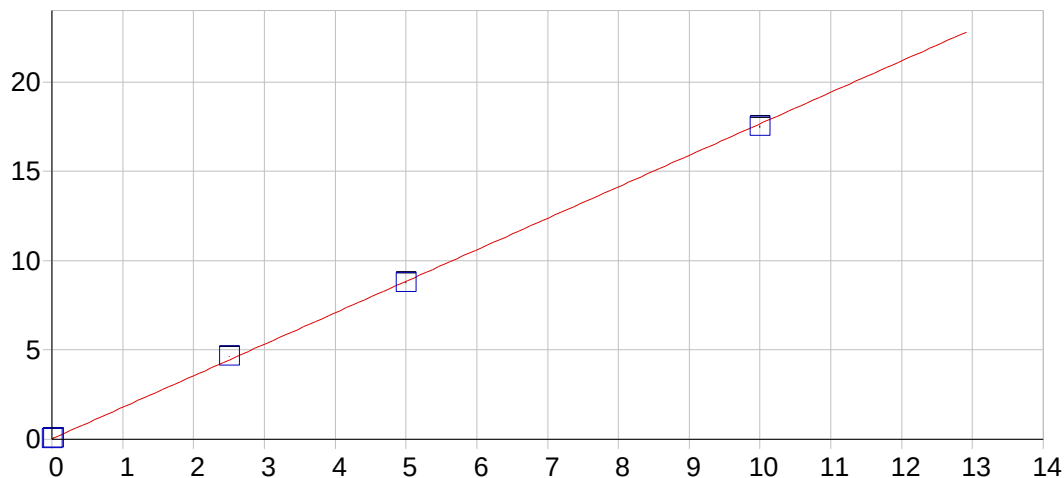
Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001161 Re-Slope: 1.000000
 A1 (Gain): 0.249669 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000140
 Predicted MDL: 0.002209
 Predicted MQL: 0.007363

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00116	.000	1
S1	.04000	.04283	.003	7.06	.01185	.001	1
S3	2.5000	2.5973	.097	3.89	.64954	.006	1
S4	5.0000	4.9848	-.015	-.305	1.2455	.006	1
S5	10.000	9.9151	-.085	-.849	2.4763	.012	1



Li 670.784 { 50}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

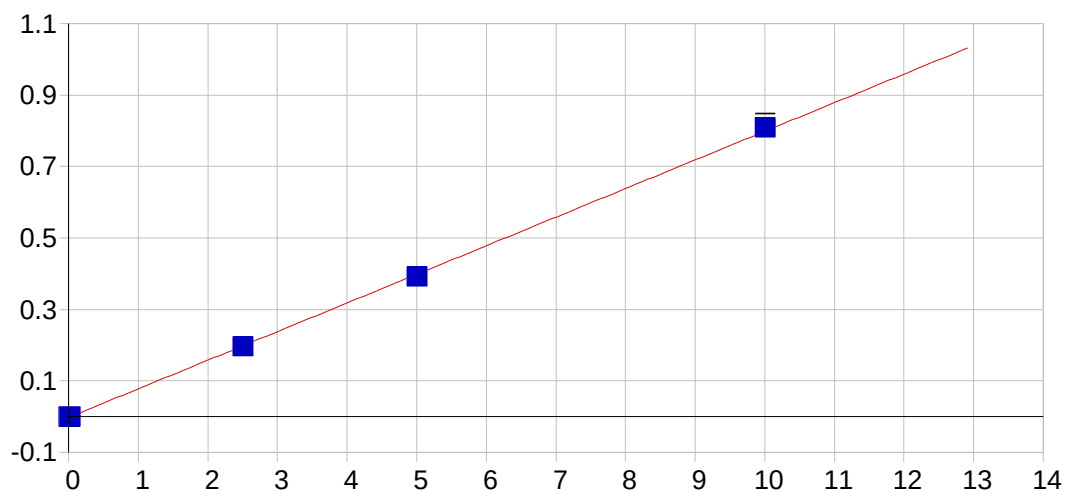
Weighting: 1/Conc

A0 (Offset): 0.028781
 A1 (Gain): 1.762948
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798
 Std Error of Est: 0.000856
 Predicted MDL: 0.001703
 Predicted MQL: 0.005678

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	.02878	.005	1
S1	.02000	.02179	.002	8.95	.06719	.001	1
S3	2.5000	2.6214	.121	4.86	4.6502	.019	1
S4	5.0000	4.9631	-.037	-.739	8.7784	.051	1
S5	10.000	9.9137	-.086	-.863	17.506	.064	1

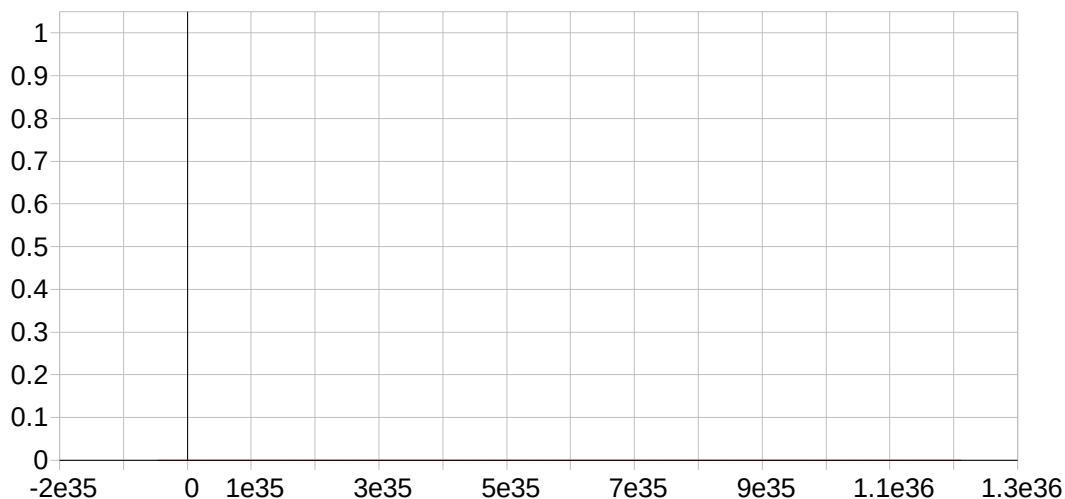


P 177.495 {490}

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002372 Re-Slope: 1.000000
 A1 (Gain): 0.080092 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001609
 Predicted MQL: 0.005362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00237	.000	1
S1	.02000	.01749	-.003	-12.5	-.00098	.000	1
S3	2.5000	2.4746	-.025	-1.02	.19553	.000	1
S4	5.0000	4.9100	-.090	-1.80	.39031	.000	1
S5	10.000	10.118	.118	1.18	.80683	.013	1



Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

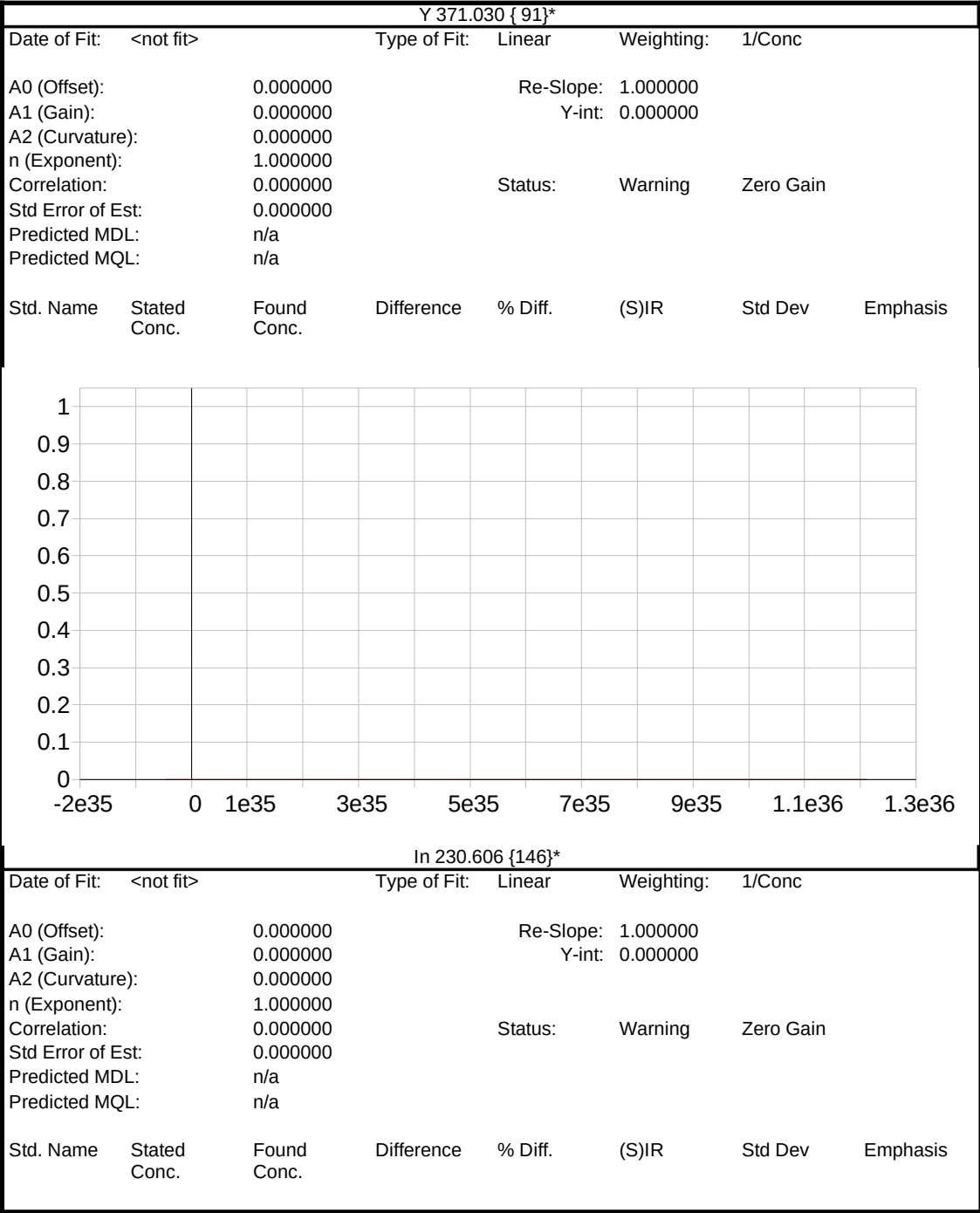
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

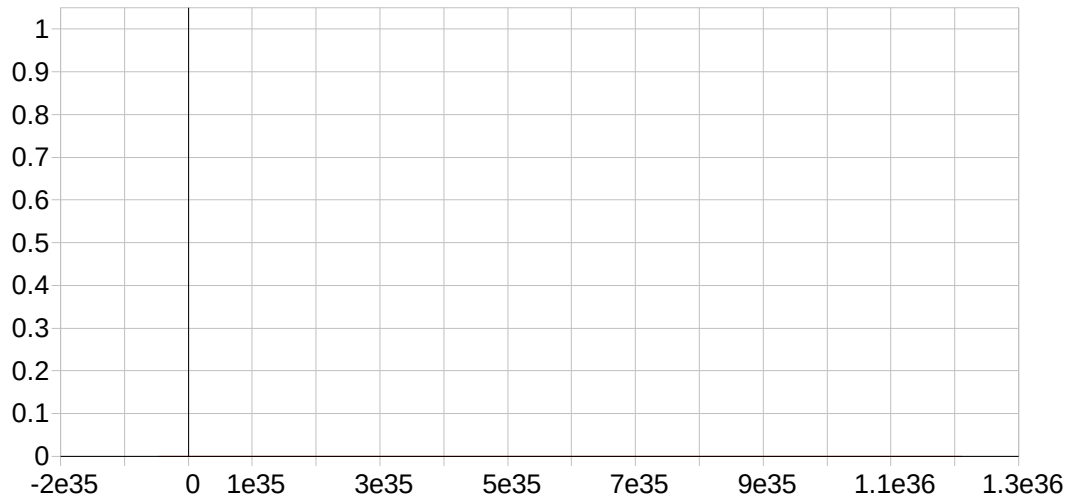
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





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

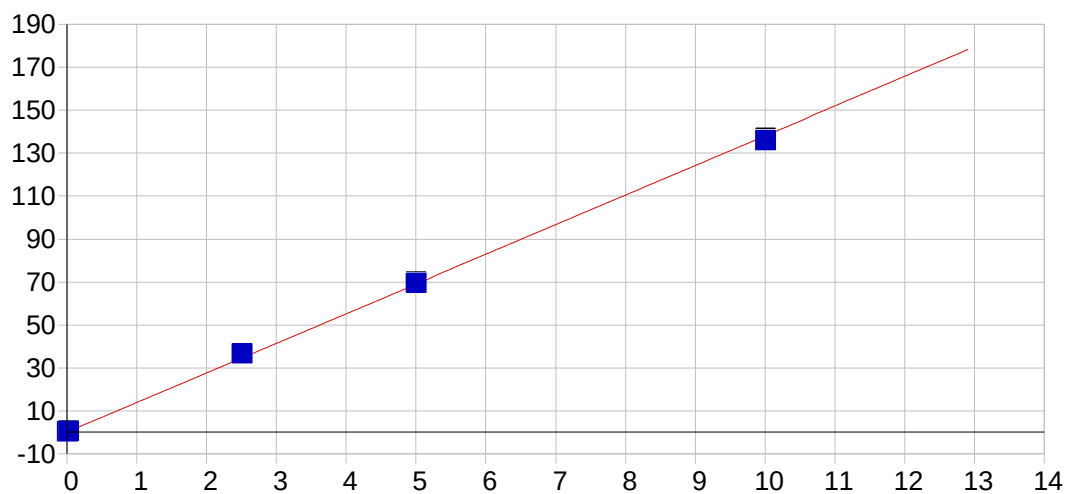
Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006201

Re-Slope: 1.000000

A1 (Gain): 13.812139

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999717

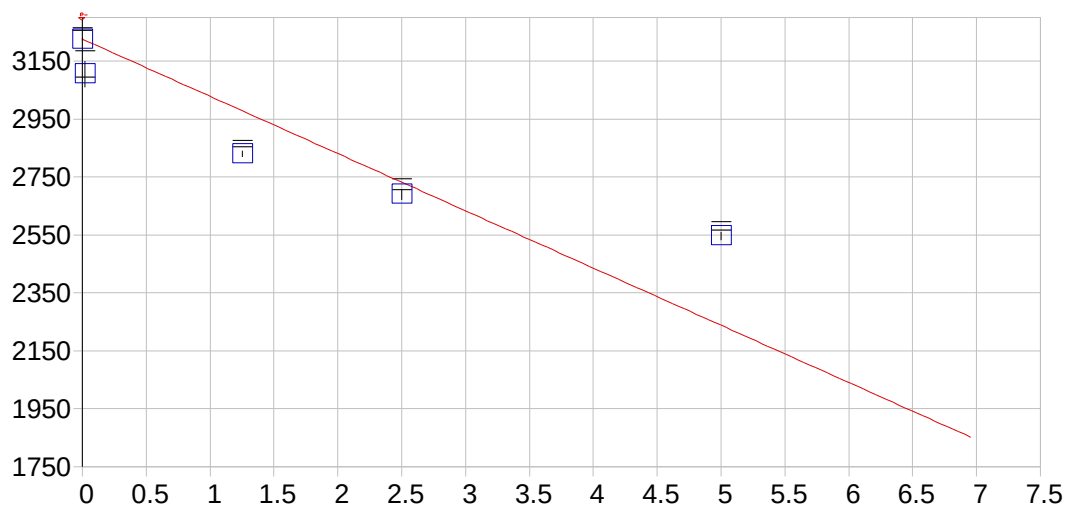
Status: OK.

Std Error of Est: 0.007953

Predicted MDL: 0.000089

Predicted MQL: 0.000296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00623	.001	1
S1	.02000	.02117	.001	5.85	.28773	.001	1
S3	2.5000	2.6338	.134	5.35	36.410	.188	1
S4	5.0000	5.0260	.026	.520	69.490	.414	1
S5	10.000	9.8390	-.161	-1.61	136.04	.817	1

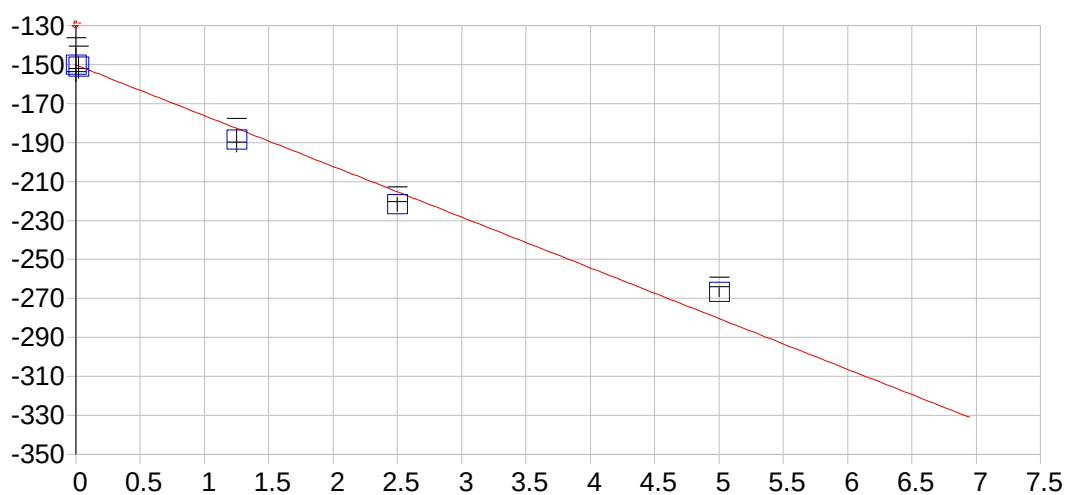


U 367.007 { 92 }

Date of Fit: 5/31/2019 15:05:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3225.467308 Re-Slope: 1.000000
A1 (Gain): -197.464893 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.567912 Status: Warning Negative Gain
Std Error of Est: 4.890622
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	3225.6	4.10	1
S1	.02000	.61059	.591	2950.	3104.9	45.8	1
S3	1.2500	2.0066	.757	60.5	2829.2	10.6	1
S4	2.5000	2.7139	.214	8.56	2689.6	19.2	1
S5	5.0000	3.4389	-1.56	-31.2	2546.4	13.7	1



U 385.958 { 87}

Date of Fit: 5/31/2019 15:05:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -150.241922

Re-Slope: 1.000000

A1 (Gain): -26.011012

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.990787

Status: Warning Negative Gain

Std Error of Est: 0.060757

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-150.24	8.73	1
S1	.02000	.04840	.028	142.	-151.50	5.89	1
S3	1.2500	1.4849	.235	18.8	-188.86	6.15	1
S4	2.5000	2.7541	.254	10.2	-221.88	3.80	1
S5	5.0000	4.4827	-.517	-10.3	-266.84	2.41	1

Sample Name: S0 Acquired: 5/31/2019 11:33:14 Type: Cal
Method: P4-ICP2(v3161) 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	-.00046	.00051	.00224	.00001	.00074	.00066	.00104	-.00001
Stddev	.00005	.00011	.00007	.00021	.00013	.00006	.00008	.00004
%RSD	11.318	21.079	3.0400	2638.7	17.355	9.5509	7.6878	620.73
#1	-.00049	.00052	.00230	-.00022	.00068	.00064	.00102	.00000
#2	-.00040	.00040	.00217	.00004	.00088	.00074	.00113	.00003
#3	-.00050	.00061	.00226	.00021	.00064	.00061	.00097	-.00005
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	-.00053	.00101	-.00005	-.00053	.00310	.00081	.00016	.00000
Stddev	.00017	.00073	.00006	.00016	.00033	.00009	.00006	.00004
%RSD	31.885	72.855	119.91	30.604	10.727	11.751	37.817	1014.2
#1	-.00036	.00164	.00002	-.00062	.00340	.00070	.00022	-.00002
#2	-.00053	.00020	-.00007	-.00063	.00318	.00084	.00010	-.00002
#3	-.00070	.00118	-.00008	-.00034	.00274	.00088	.00017	.00004
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	-.00697	.00022	.00166	-.00003	.00306	-.00367	.00004	.00005
Stddev	.00029	.00009	.00014	.00001	.00037	.00012	.00009	.00003
%RSD	4.1492	42.608	8.6002	27.779	11.981	3.3258	200.19	54.328
#1	-.00664	.00017	.00154	-.00002	.00272	-.00377	.00011	.00005
#2	-.00713	.00033	.00162	-.00004	.00303	-.00370	.00007	.00002
#3	-.00714	.00016	.00181	-.00004	.00345	-.00353	-.00005	.00007
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	.00057	.02549	.00159	.00116	.02878	-.0024	-.00623	3225.6
Stddev	.00008	.00095	.00029	.00050	.00485	.0001	.00072	4.1
%RSD	14.150	3.7304	18.092	42.896	16.855	3.682	11.608	.12708
#1	.00065	.02484	.00185	.00102	.02741	-.0023	-.00659	3227.8
#2	.00049	.02658	.00164	.00074	.02476	-.0025	-.00540	3228.1
#3	.00056	.02505	.00128	.00171	.03416	-.0023	-.00670	3220.9

Sample Name: S0 Acquired: 5/31/2019 11:33:14 Type: Cal
 Method: P4-ICP2(v3161) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-150.24
Stddev	8.73
%RSD	5.8116

#1	-154.40
#2	-140.21
#3	-156.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.7	46952.	3914.2	38.550	3982.9
Stddev	19.8	136.	18.0	.453	19.6
%RSD	.54060	.29064	.45967	1.1763	.49227

#1	3635.3	46947.	3894.4	38.543	3962.5
#2	3660.5	47090.	3929.5	38.100	3984.5
#3	3674.3	46818.	3918.7	39.007	4001.6

Sample Name: S1 Acquired: 5/31/2019 11:37:41 Type: Cal
Method: P4-ICP2(v3161) 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	.00078	.00616	.00525	.00131	.00865	.00178	.03786	.00573
Stddev	.00012	.00007	.00027	.00013	.00005	.00007	.00026	.00009
%RSD	15.643	1.0985	5.0942	9.7741	.57811	3.9834	.67753	1.5493
#1	.00069	.00611	.00544	.00134	.00868	.00170	.03757	.00582
#2	.00073	.00623	.00495	.00141	.00859	.00181	.03796	.00565
#3	.00092	.00612	.00538	.00116	.00867	.00184	.03806	.00570
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	.02727	.00331	.03611	.02342	.01382	.02428	.02531	.00281
Stddev	.00022	.00004	.00035	.00033	.00007	.00005	.00020	.00006
%RSD	.80458	1.0978	.96111	1.4071	.50432	.21813	.78665	2.2861
#1	.02743	.00332	.03599	.02373	.01390	.02433	.02543	.00286
#2	.02702	.00334	.03584	.02308	.01379	.02423	.02508	.00274
#3	.02736	.00327	.03650	.02346	.01378	.02427	.02542	.00285
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	.01000	.09525	.17817	.00026	.00133	.25472	.00989	.01185
Stddev	.00002	.00025	.00048	.00000	.00006	.00200	.00014	.00057
%RSD	.19172	.26607	.26700	.24554	4.2781	.78624	1.4392	4.8043
#1	.01002	.09496	.17766	.00026	.00133	.25682	.00999	.01175
#2	.00998	.09539	.17860	.00026	.00128	.25450	.00972	.01246
#3	.01001	.09541	.17825	.00026	.00139	.25283	.00995	.01133
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06719	-.0010	.28773	3104.9	-151.50			
Stddev	.00133	.0001	.00105	45.8	5.89			
%RSD	1.9720	15.31	.36643	1.4754	3.8899			
#1	.06614	-.0011	.28693	3133.6	-157.39			
#2	.06868	-.0008	.28892	3129.0	-151.51			
#3	.06676	-.0010	.28734	3052.1	-145.60			

Sample Name: S1 Acquired: 5/31/2019 11:37:41 Type: Cal
Method: P4-ICP2(v3161) 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	3630.6	46425.	3895.7	37.623	3917.6
Stddev	6.4	171.	12.9	1.379	5.3
%RSD	.17697	.36923	.33172	3.6656	.13590
#1	3626.3	46265.	3887.0	39.205	3914.2
#2	3627.5	46403.	3910.5	36.991	3914.7
#3	3638.0	46606.	3889.4	36.673	3923.7

Sample Name: S2 Acquired: 5/31/2019 11:42:06 Type: Cal
 Method: P4-ICP2(v3161) 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	.12776	.00119	.06345	.01329
Stddev	.00127	.00002	.00050	.00027
%RSD	.99723	1.2701	.78978	2.0351

#1	.12645	.00119	.06288	.01318
#2	.12782	.00119	.06383	.01360
#3	.12900	.00117	.06365	.01309

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	47005.	3904.4
Stddev	34.	26.6
%RSD	.07218	.68072

#1	46968.	3881.1
#2	47013.	3933.3
#3	47034.	3898.6

Sample Name: S3 Acquired: 5/31/2019 11:46:19 Type: Cal
Method: P4-ICP2(v3161) 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	.15822	.35776	.64709	.16904	.40733	.04436	1.8439	.11760
Stddev	.00039	.00052	.00107	.00051	.00097	.00024	.0025	.00015
%RSD	.24441	.14447	.16458	.30065	.23748	.53400	.13622	.12956
#1	.15862	.35834	.64832	.16961	.40843	.04445	1.8448	.11773
#2	.15817	.35759	.64648	.16886	.40693	.04410	1.8411	.11763
#3	.15785	.35735	.64648	.16864	.40662	.04455	1.8459	.11743
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	5.9677	.76794	.11462	1.6155	.61403	.26980	1.4265	.00740
Stddev	.0135	.00361	.00014	.0044	.00099	.00086	.0008	.00005
%RSD	.22625	.47053	.12639	.27370	.16161	.31730	.05937	.64430
#1	5.9760	.76459	.11474	1.6197	.61445	.27071	1.4262	.00742
#2	5.9751	.76746	.11465	1.6160	.61474	.26969	1.4275	.00734
#3	5.9521	.77177	.11446	1.6109	.61289	.26901	1.4259	.00743
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	.96422	.15621	.38044	.32592	2.8766	.10177	2.1989	.00568
Stddev	.00173	.00055	.00049	.00072	.0044	.00095	.0051	.00006
%RSD	.17963	.35287	.12813	.22085	.15168	.93404	.23013	1.0180
#1	.96572	.15669	.38059	.32633	2.8800	.10286	2.2048	.00564
#2	.96462	.15633	.38084	.32509	2.8782	.10115	2.1962	.00575
#3	.96232	.15561	.37990	.32635	2.8717	.10129	2.1958	.00566
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	.12237	1.5219	.55727	.64954	4.6502	.1955	36.410	2829.2
Stddev	.00025	.0116	.00060	.00597	.0188	.0003	.188	10.6
%RSD	.20149	.76380	.10734	.91947	.40492	.1718	.51706	.37348
#1	.12254	1.5130	.55695	.64794	4.6503	.1956	36.211	2830.7
#2	.12209	1.5175	.55796	.64452	4.6314	.1958	36.434	2818.0
#3	.12249	1.5350	.55689	.65614	4.6690	.1952	36.586	2839.0

Sample Name: S3 Acquired: 5/31/2019 11:46:19 Type: Cal
 Method: P4-ICP2(v3161) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-188.86
Stddev	6.15
%RSD	3.2549

#1	-182.96
#2	-188.41
#3	-195.23

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.3	45775.	3918.8	37.843	3650.1
Stddev	12.7	217.	18.9	.719	14.1
%RSD	.35552	.47335	.48238	1.8990	.38509

#1	3559.4	45593.	3926.3	37.058	3638.8
#2	3570.0	46014.	3932.9	38.467	3645.7
#3	3584.6	45717.	3897.3	38.004	3665.9

Sample Name: S4 Acquired: 5/31/2019 11:50:19 Type: Cal
Method: P4-ICP2(v3161) 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	.30793	.69148	1.2529	.32543	.78517	.08417	3.5302	.22506
Stddev	.00073	.00045	.0016	.00067	.00097	.00008	.0098	.00076
%RSD	.23824	.06448	.12421	.20449	.12383	.08969	.27908	.33717

#1	.30878	.69106	1.2546	.32467	.78413	.08413	3.5362	.22451
#2	.30748	.69144	1.2527	.32588	.78605	.08412	3.5189	.22475
#3	.30753	.69195	1.2515	.32574	.78533	.08426	3.5356	.22593

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	11.667	1.4617	.21952	3.1471	1.1578	.50430	2.7133	.01414
Stddev	.020	.0108	.00040	.0009	.0019	.00014	.0002	.00003
%RSD	.17522	.73584	.18444	.02794	.16160	.02719	.00829	.22953

#1	11.690	1.4494	.21990	3.1480	1.1590	.50417	2.7131	.01412
#2	11.658	1.4691	.21956	3.1470	1.1587	.50429	2.7135	.01412
#3	11.652	1.4667	.21909	3.1462	1.1556	.50445	2.7132	.01418

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	1.8667	.29767	.72665	.62698	5.6169	.19757	4.2071	.01080
Stddev	.0041	.00009	.00079	.00031	.0036	.00033	.0065	.00007
%RSD	.22090	.02932	.10832	.04983	.06390	.16493	.15550	.67377

#1	1.8714	.29778	.72592	.62664	5.6138	.19789	4.2140	.01085
#2	1.8650	.29763	.72748	.62726	5.6161	.19757	4.2062	.01071
#3	1.8637	.29762	.72654	.62703	5.6209	.19724	4.2010	.01082

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	.24354	2.9036	1.0782	1.2455	8.7784	.3903	69.490	2689.6
Stddev	.00009	.0199	.0024	.0061	.0510	.0002	.414	19.2
%RSD	.03788	.68474	.22335	.48687	.58070	.0418	.59640	.71517

#1	.24358	2.8815	1.0786	1.2388	8.7200	.3901	69.015	2673.5
#2	.24343	2.9199	1.0756	1.2506	8.8012	.3903	69.674	2710.9
#3	.24360	2.9095	1.0804	1.2472	8.8141	.3905	69.780	2684.3

Sample Name: S4 Acquired: 5/31/2019 11:50:19 Type: Cal
Method: P4-ICP2(v3161) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-221.88
Stddev	3.80
%RSD	1.7131

#1	-225.00
#2	-222.99
#3	-217.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.4	45207.	3886.3	36.295	3489.8
Stddev	8.0	41.	20.9	2.466	7.5
%RSD	.22850	.09030	.53679	6.7936	.21431

#1	3491.5	45189.	3910.3	38.949	3481.2
#2	3502.7	45179.	3873.2	35.860	3493.6
#3	3506.9	45254.	3875.3	34.075	3494.6

Sample Name: S5 Acquired: 5/31/2019 11:54:24 Type: Cal
Method: P4-ICP2(v3161) 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	.61719	1.3717	2.5169	.64701	1.5587	.17117	7.1762	.44892
Stddev	.00864	.0198	.0384	.00918	.0226	.00088	.0835	.00114
%RSD	1.4006	1.4422	1.5241	1.4195	1.4526	.51119	1.1630	.25299
#1	.62161	1.3810	2.5368	.65217	1.5730	.17111	7.0801	.44990
#2	.62273	1.3850	2.5412	.65246	1.5704	.17207	7.2299	.44918
#3	.60723	1.3490	2.4726	.63640	1.5326	.17033	7.2188	.44768
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	23.498	2.8887	.43367	6.3583	2.2585	.99547	5.3135	.02854
Stddev	.360	.0145	.00141	.0988	.0335	.00167	.0294	.00011
%RSD	1.5316	.50321	.32590	1.5542	1.4824	.16771	.55370	.39673
#1	23.662	2.8801	.43286	6.4074	2.2779	.99403	5.3319	.02841
#2	23.748	2.8805	.43530	6.4229	2.2778	.99730	5.2795	.02864
#3	23.086	2.9055	.43286	6.2445	2.2199	.99509	5.3289	.02856
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	3.7557	.59607	1.4782	1.2594	11.399	.40782	8.3180	.02208
Stddev	.0589	.00121	.0087	.0021	.182	.00240	.1237	.00016
%RSD	1.5691	.20274	.58810	.16902	1.5982	.58889	1.4870	.74421
#1	3.7817	.59738	1.4803	1.2582	11.493	.40939	8.3907	.02216
#2	3.7971	.59584	1.4857	1.2619	11.516	.40902	8.3882	.02218
#3	3.6882	.59500	1.4687	1.2582	11.189	.40506	8.1752	.02189
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	.50789	5.7209	2.1768	2.4763	17.506	.8068	136.04	2546.4
Stddev	.00640	.0497	.0336	.0118	.064	.0127	.82	13.7
%RSD	1.2610	.86834	1.5417	.47872	.36518	1.569	.60030	.53795
#1	.51157	5.7142	2.1927	2.4749	17.538	.8135	135.81	2556.4
#2	.51161	5.6750	2.1995	2.4653	17.433	.8147	135.37	2552.1
#3	.50050	5.7737	2.1383	2.4889	17.548	.7922	136.95	2530.8

Sample Name: S5 Acquired: 5/31/2019 11:54:24 Type: Cal
 Method: P4-ICP2(v3161) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-266.84
Stddev	2.41
%RSD	.90188

#1	-268.88
#2	-267.45
#3	-264.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.0	43986.	3865.1	34.117	3312.3
Stddev	43.4	133.	34.9	1.058	44.5
%RSD	1.2659	.30273	.90174	3.1003	1.3435

#1	3405.4	44104.	3878.5	33.504	3292.8
#2	3404.5	43842.	3891.3	33.509	3280.8
#3	3480.2	44011.	3825.6	35.339	3363.2

Sample Name: ICV01 Acquired: 5/31/2019 11:58:44 Type: Unk
Method: P4-ICP2(v3161) 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	.97508	1.0146	.97382	.98668	.96115	2.4412	.48362
Stddev	.00260	.0016	.00194	.00201	.00168	.0032	.00104
%RSD	.26690	.15543	.19874	.20380	.17474	.12927	.21588

#1	.97241	1.0163	.97159	.98863	.96000	2.4429	.48248
#2	.97761	1.0133	.97494	.98462	.96038	2.4433	.48454
#3	.97523	1.0141	.97494	.98678	.96308	2.4376	.48383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47386	.47474	10.436	.46665	.48301	.51324	4.9162
Stddev	.00145	.00026	.204	.00057	.00147	.00146	.0104
%RSD	.30612	.05445	1.9554	.12260	.30522	.28538	.21149

#1	.47445	.47465	10.575	.46728	.48131	.51157	4.9255
#2	.47491	.47453	10.201	.46616	.48389	.51385	4.9182
#3	.47220	.47502	10.531	.46652	.48383	.51430	4.9050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49510	5.8083	.48574	.49065	9.6923	.47720	.98773
Stddev	.00118	.0864	.00191	.00066	.0174	.00085	.00159
%RSD	.23840	1.4870	.39252	.13546	.17984	.17769	.16136

#1	.49570	5.7573	.48512	.49122	9.6741	.47782	.98703
#2	.49585	5.7596	.48422	.49081	9.7088	.47754	.98661
#3	.49374	5.9080	.48788	.48992	9.6941	.47623	.98956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7009	2.5474	2.4958	F -.00099	2.4791	2.4803	2.5751
Stddev	.0478	.0033	.0309	.00091	.0619	.0050	.0548
%RSD	.49325	.12882	1.2383	91.464	2.4947	.19993	2.1288

#1	9.7549	2.5511	2.4673	-.00003	2.5227	2.4787	2.6072
#2	9.6840	2.5451	2.5287	-.00183	2.4083	2.4763	2.5118
#3	9.6639	2.5458	2.4914	-.00111	2.5062	2.4858	2.6064

Sample Name: ICV01 Acquired: 5/31/2019 11:58:44 Type: Unk
Method: P4-ICP2(v3161) 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 .00139	F -.0045	F .00620	F 1.8285	F 1.6102
Stddev	.00103	.0011	.00014	.1218	.1275
%RSD	74.431	24.10	2.1920	6.6599	7.9159
#1	.00211	-.0054	.00630	1.9118	1.6941
#2	.00021	-.0048	.00605	1.8849	1.6731
#3	.00185	-.0033	.00626	1.6887	1.4636
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.4	46521.	3969.9	37.896	3748.7
Stddev	8.5	90.	86.7	2.591	7.3
%RSD	.23635	.19362	2.1850	6.8376	.19385
#1	3587.1	46474.	3904.6	35.300	3740.5
#2	3595.0	46464.	4068.3	40.482	3751.3
#3	3604.1	46625.	3936.8	37.907	3754.3

Sample Name: LLICV01 Acquired: 5/31/2019 12:03:34 Type: Unk
Method: P4-ICP2(v3161) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01822	.04335	.01165	.02037	.05155	.11941	.10594	.00638
Stddev	.00095	.00080	.00089	.00329	.00099	.01288	.00056	.00003
%RSD	5.2396	1.8570	7.6345	16.137	1.9137	10.787	.52623	.52549
#1	.01931	.04393	.01237	.02304	.05044	.12584	.10533	.00640
#2	.01784	.04243	.01066	.01670	.05187	.10458	.10606	.00640
#3	.01752	.04368	.01192	.02138	.05233	.12781	.10642	.00634
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00597	2.0539	.00978	.02940	.02186	.09658	.02248	2.0771
Stddev	.00006	.0215	.00030	.00010	.00043	.00050	.00012	.0503
%RSD	.99346	1.0442	3.0319	.34178	1.9895	.51793	.54637	2.4234
#1	.00603	2.0292	.01003	.02952	.02155	.09624	.02252	2.0190
#2	.00591	2.0646	.00946	.02936	.02236	.09634	.02234	2.1068
#3	.00596	2.0679	.00986	.02933	.02167	.09715	.02258	2.1055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04306	.01041	2.0716	.04031	.04302	1.9921	.21205	.10134
Stddev	.00027	.00012	.0136	.00051	.00019	.0127	.00042	.01020
%RSD	.63765	1.1823	.65485	1.2764	.44692	.63845	.19606	10.069
#1	.04332	.01028	2.0575	.04071	.04288	1.9792	.21167	.10510
#2	.04278	.01046	2.0846	.03973	.04324	1.9926	.21199	.08979
#3	.04310	.01051	2.0728	.04049	.04295	2.0046	.21249	.10913
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01565	.39601	.03812	.04257	.02059	.0188	.02121	F 2.0045
Stddev	.00155	.00189	.00063	.00216	.00015	.0004	.00009	.1170
%RSD	9.9237	.47751	1.6629	5.0716	.71668	1.947	.41008	5.8371
#1	.01398	.39819	.03841	.04100	.02073	.0189	.02116	2.1395
#2	.01706	.39479	.03855	.04169	.02061	.0191	.02116	1.9420
#3	.01591	.39505	.03739	.04503	.02044	.0184	.02131	1.9320

Sample Name: LLICV01 Acquired: 5/31/2019 12:03:34 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .27133
Stddev	.38423
%RSD	141.61

#1	.18070
#2	.69277
#3	-.05949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.4	47087.	3994.1	39.552	3916.7
Stddev	5.5	107.	32.1	2.187	12.1
%RSD	.15221	.22765	.80296	5.5284	.30974

#1	3639.2	46965.	3957.1	41.875	3902.8
#2	3647.0	47134.	4012.3	37.534	3921.8
#3	3649.9	47163.	4013.0	39.245	3925.4

Sample Name: ICB01 Acquired: 5/31/2019 12:09:02 Type: Unk
Method: P4-ICP2(v3161) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00025	-.00044	-.00153	-.00128	.00374	.00015	.00006
Stddev	.00175	.00043	.00085	.00084	.00079	.01498	.00013	.00003
%RSD	509.18	171.49	193.96	55.145	61.237	400.08	89.185	51.801
#1	-.00004	-.00016	-.00110	-.00247	-.00151	.01902	.00020	.00009
#2	-.00223	-.00071	-.00073	-.00084	-.00193	.00312	-.00000	.00006
#3	.00124	.00013	.00052	-.00127	-.00041	-.01091	.00025	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00732	.00004	.00021	-.00041	.00017	-.00001	-.00402
Stddev	.00001	.00609	.00005	.00006	.00012	.00035	.00010	.04024
%RSD	35.649	83.256	115.75	28.226	29.107	203.30	663.53	1001.6
#1	.00003	.01195	.00002	.00027	-.00039	.00001	.00003	-.04913
#2	.00002	.00959	.00010	.00020	-.00054	.00057	-.00012	.00889
#3	.00004	.00042	.00001	.00015	-.00031	-.00007	.00005	.02818
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00029	-.02890	-.00009	-.00025	-.06550	-.00003	.00371
Stddev	.00017	.00028	.00491	.00054	.00004	.02541	.00015	.01784
%RSD	57.281	97.033	17.008	569.96	17.066	38.789	515.85	480.35
#1	-.00048	-.00029	-.02329	-.00018	-.00030	-.08561	-.00019	-.01604
#2	-.00014	-.00001	-.03095	-.00059	-.00023	-.07394	.00011	.01865
#3	-.00027	-.00057	-.03245	.00048	-.00023	-.03695	-.00001	.00854
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00608	-.00103	-.00193	.00108	-.00031	-.0003	.00012	F 1.2770
Stddev	.00332	.00118	.00007	.00195	.00143	.0006	.00006	.0580
%RSD	54.662	115.01	3.7441	180.64	459.27	215.7	46.700	4.5412
#1	-.00773	-.00215	-.00186	.00065	-.00166	-.0010	.00006	1.3191
#2	-.00225	.00020	-.00193	-.00062	-.00047	.0002	.00012	1.2108
#3	-.00825	-.00112	-.00201	.00321	.00119	-.0000	.00018	1.3009

Sample Name: ICB01 Acquired: 5/31/2019 12:09:02 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .14704
Stddev	.39708
%RSD	270.05

#1	.43825
#2	-.30527
#3	.30814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.5	47270.	3934.5	38.964	3962.3
Stddev	15.2	153.	25.1	.603	14.0
%RSD	.41593	.32455	.63779	1.5477	.35324

#1	3643.6	47115.	3905.6	39.300	3951.2
#2	3652.6	47272.	3946.8	38.268	3957.7
#3	3673.3	47422.	3951.0	39.325	3978.0

Sample Name: CRI01 Acquired: 5/31/2019 12:13:29 Type: Unk
Method: P4-ICP2(v3161) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01912	.04268	.01163	.02014	.05038	.11618	.10267	.00633
Stddev	.00100	.00111	.00030	.00151	.00109	.01455	.00073	.00007
%RSD	5.2084	2.6096	2.5684	7.4843	2.1636	12.521	.70923	1.1204
#1	.01974	.04150	.01129	.01888	.05035	.13138	.10257	.00641
#2	.01966	.04372	.01177	.02181	.04931	.11476	.10199	.00629
#3	.01797	.04281	.01184	.01973	.05149	.10239	.10344	.00628
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	2.0370	.00997	.02910	.02178	.09493	.02227	2.0583
Stddev	.00001	.0147	.00020	.00004	.00050	.00102	.00014	.0578
%RSD	.19930	.72278	2.0129	.14051	2.2749	1.0713	.64795	2.8063
#1	.00595	2.0208	.01018	.02910	.02221	.09486	.02224	2.0119
#2	.00594	2.0406	.00993	.02906	.02124	.09599	.02214	2.0399
#3	.00596	2.0496	.00979	.02914	.02189	.09396	.02242	2.1230
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04266	.01005	2.0223	.04041	.04059	1.9712	.21097	.09311
Stddev	.00045	.00052	.0158	.00019	.00018	.0155	.00051	.00899
%RSD	1.0664	5.1387	.78231	.47540	.44110	.78411	.24398	9.6512
#1	.04230	.00997	2.0101	.04020	.04056	1.9723	.21113	.08999
#2	.04317	.01060	2.0166	.04058	.04079	1.9553	.21138	.08610
#3	.04251	.00958	2.0402	.04045	.04044	1.9862	.21039	.10324
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01337	.40010	.03737	.04248	.02078	.0183	.02099	F 1.6041
Stddev	.00463	.00151	.00036	.00151	.00097	.0011	.00022	.2062
%RSD	34.598	.37698	.96457	3.5651	4.6809	6.203	1.0243	12.853
#1	.00845	.40183	.03704	.04073	.01966	.0170	.02080	1.3680
#2	.01405	.39939	.03730	.04330	.02124	.0193	.02095	1.7484
#3	.01762	.39907	.03775	.04340	.02143	.0185	.02122	1.6959

Sample Name: CRI01 Acquired: 5/31/2019 12:13:29 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .30991
Stddev	.15875
%RSD	51.225

#1	.34125
#2	.13783
#3	.45066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.5	47223.	3939.2	38.258	3932.0
Stddev	3.6	264.	17.0	.230	3.6
%RSD	.09866	.55850	.43099	.60164	.09216

#1	3656.7	47028.	3925.7	38.375	3935.9
#2	3650.7	47523.	3958.3	38.407	3931.3
#3	3650.2	47118.	3933.8	37.993	3928.7

Sample Name: ICSA01 Acquired: 5/31/2019 12:27:19 Type: Unk
 Method: P4-ICP2(v3161) 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	-.01624	.01465	-.00679	-.01010	.00363	261.79	.00716	.00300
Stddev	.00448	.00126	.00225	.00415	.00102	2.60	.00005	.00020
%RSD	27.559	8.6234	33.175	41.128	28.084	.99293	.71999	6.8339
#1	-.02007	.01323	-.00477	-.01439	.00254	264.75	.00710	.00313
#2	-.01132	.01504	-.00922	-.00611	.00379	260.75	.00719	.00276
#3	-.01734	.01567	-.00639	-.00978	.00455	259.87	.00719	.00310
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	243.72	.04906	-.00065	.01103	81.280	.01322	264.29
Stddev	.00018	.72	.00101	.00024	.00016	.826	.00028	2.75
%RSD	16.347	.29582	2.0528	36.779	1.4117	1.0163	2.1222	1.0389
#1	-.00123	244.39	.05010	-.00075	.01118	82.171	.01354	267.27
#2	-.00123	243.82	.04809	-.00082	.01105	81.127	.01304	263.74
#3	-.00091	242.96	.04898	-.00038	.01087	80.541	.01308	261.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00624	-.00876	-.01440	.00206	-.00995	-.07607	-.00098	-.02934
Stddev	.00022	.00008	.00927	.00052	.00043	.03252	.00029	.01771
%RSD	3.5414	.90534	64.376	25.403	4.2746	42.757	29.265	60.372
#1	-.00648	-.00885	-.02050	.00235	-.01043	-.11042	-.00128	-.04840
#2	-.00616	-.00872	-.00373	.00145	-.00979	-.07203	-.00071	-.02622
#3	-.00606	-.00870	-.01897	.00237	-.00962	-.04575	-.00096	-.01339
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01836	-.00294	.00758	-.00344	.00904	.0159	.00995	3.9510
Stddev	.00564	.00365	.00048	.00190	.00094	.0032	.00088	.0754
%RSD	30.694	123.95	6.3119	55.114	10.365	19.99	8.8013	1.9083
#1	-.01448	.00043	.00785	-.00390	.00979	.0193	.00899	3.9474
#2	-.01578	-.00681	.00702	-.00135	.00799	.0157	.01015	4.0282
#3	-.02482	-.00244	.00785	-.00506	.00935	.0129	.01070	3.8775

Sample Name: ICSA01 Acquired: 5/31/2019 12:27:19 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 27.484
 Stddev .277
 %RSD 1.0091

#1 27.708
 #2 27.174
 #3 27.570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.6	41354.	3813.0	34.776	3118.3
Stddev	3.3	546.	23.9	.717	4.7
%RSD	.10208	1.3200	.62581	2.0624	.15139

#1	3251.2	40728.	3785.5	34.403	3122.7
#2	3246.7	41601.	3826.8	35.603	3118.8
#3	3244.7	41733.	3826.8	34.323	3113.3

Sample Name: ICSAB01 Acquired: 5/31/2019 12:31:59 Type: Unk
Method: P4-ICP2(v3161) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08722	.11785	.04460	.04370	.62529	264.80	.54737
Stddev	.00145	.00134	.00234	.00528	.00082	2.68	.00414
%RSD	1.6585	1.1397	5.2527	12.080	.13078	1.0133	.75604

#1	.08692	.11741	.04728	.03803	.62518	262.41	.54403
#2	.08595	.11679	.04359	.04847	.62453	264.28	.54607
#3	.08880	.11936	.04293	.04461	.62616	267.70	.55200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54657	1.0122	246.13	.54977	.50535	.51313	81.311
Stddev	.00293	.0015	.30	.00205	.00122	.00072	.229
%RSD	.53616	.14804	.12336	.37247	.24046	.14015	.28180

#1	.54329	1.0134	246.39	.54783	.50394	.51263	81.197
#2	.54749	1.0105	246.22	.54957	.50604	.51279	81.575
#3	.54893	1.0127	245.80	.55191	.50606	.51395	81.161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52170	263.95	.98980	.20519	-.00843	.51187	1.0664
Stddev	.00056	1.97	.00071	.00033	.00584	.00072	.0022
%RSD	.10722	.74696	.07173	.15992	69.220	.14128	.21046

#1	.52148	262.53	.98947	.20482	-.01211	.51132	1.0679
#2	.52234	263.11	.98931	.20531	-.01148	.51269	1.0638
#3	.52128	266.20	.99061	.20544	-.00170	.51161	1.0675

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05925	1.0691	1.0806	F -.01915	.96700	1.0928	1.0645
Stddev	.04730	.0048	.0042	.00169	.00860	.0068	.0043
%RSD	79.819	.44901	.39166	8.8078	.88896	.61877	.40084

#1	-.11224	1.0636	1.0802	-.01721	.96648	1.0869	1.0673
#2	-.02129	1.0709	1.0766	-.02017	.97585	1.0912	1.0667
#3	-.04424	1.0727	1.0850	-.02008	.95868	1.1002	1.0596

Sample Name: ICSAB01 Acquired: 5/31/2019 12:31:59 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00710	F .0099	F .01149	3.6970	27.963
Stddev	.00141	.0016	.00036	.0487	.191
%RSD	19.930	16.63	3.1068	1.3184	.68336
#1	.00734	.0100	.01158	3.7517	28.036
#2	.00838	.0115	.01109	3.6812	27.746
#3	.00558	.0082	.01179	3.6582	28.107
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.0	41814.	3817.7	33.956	3115.3
Stddev	3.1	51.	30.8	.589	7.1
%RSD	.09503	.12266	.80633	1.7348	.22859
#1	3242.6	41873.	3800.0	34.476	3107.8
#2	3248.5	41781.	3799.8	33.316	3121.9
#3	3243.9	41789.	3853.2	34.075	3116.2

Sample Name: CCV01 Acquired: 5/31/2019 12:36:23 Type: Unk
 Method: P4-ICP2(v3161) 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	4.9495	5.0366	4.9594	4.9884	4.9923	9.6746	9.8002	.25029
Stddev	.0151	.0090	.0035	.0101	.0031	.0598	.0461	.00114
%RSD	.30588	.17935	.07016	.20319	.06218	.61789	.47018	.45724
#1	4.9670	5.0297	4.9634	4.9926	4.9957	9.6057	9.8022	.24918
#2	4.9405	5.0333	4.9575	4.9768	4.9896	9.7125	9.8452	.25021
#3	4.9410	5.0468	4.9573	4.9958	4.9916	9.7057	9.7531	.25147
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4710	24.903	.99233	2.4850	1.2493	4.9488	2.5250	24.446
Stddev	.0009	.130	.00174	.0035	.0004	.0019	.0036	.092
%RSD	.03576	.52129	.17490	.14068	.03360	.03880	.14264	.37649
#1	2.4719	24.754	.99345	2.4826	1.2493	4.9505	2.5261	24.353
#2	2.4702	24.993	.99033	2.4833	1.2489	4.9467	2.5210	24.537
#3	2.4709	24.961	.99320	2.4890	1.2497	4.9491	2.5279	24.448
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4701	1.2350	24.639	2.4759	2.4760	23.995	4.9603	4.7825
Stddev	.0020	.0035	.059	.0051	.0028	.047	.0012	.0174
%RSD	.08180	.28574	.24113	.20599	.11293	.19477	.02319	.36404
#1	2.4707	1.2385	24.572	2.4758	2.4734	24.044	4.9615	4.7660
#2	2.4678	1.2351	24.683	2.4709	2.4755	23.951	4.9601	4.7807
#3	2.4717	1.2315	24.664	2.4811	2.4790	23.990	4.9592	4.8007
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9128	4.9069	4.9289	4.9418	4.8744	4.983	5.0136	F 3.6380
Stddev	.0065	.0396	.0117	.0280	.0323	.007	.0223	.1328
%RSD	.13290	.80616	.23681	.56681	.66333	.1454	.44464	3.6509
#1	4.9093	4.9419	4.9157	4.9160	4.9049	4.978	5.0298	3.5358
#2	4.9203	4.8640	4.9378	4.9379	4.8405	4.991	4.9882	3.5901
#3	4.9087	4.9147	4.9333	4.9716	4.8779	4.979	5.0229	3.7881

Sample Name: CCV01 Acquired: 5/31/2019 12:36:23 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8065
Stddev .2226
%RSD 7.9317

#1 3.0514
#2 2.6163
#3 2.7519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.3	45394.	3898.1	36.559	3487.7
Stddev	5.9	164.	29.7	1.372	3.6
%RSD	.16785	.36200	.76075	3.7524	.10274

#1	3495.9	45214.	3864.6	35.878	3484.2
#2	3507.5	45430.	3920.8	38.138	3491.4
#3	3503.4	45536.	3909.0	35.660	3487.6

Sample Name: LLCCV01 Acquired: 5/31/2019 12:40:26 Type: Unk
Method: P4-ICP2(v3161) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02057	.04329	.01118	.01885	.05078	.10702	.10313	.00633
Stddev	.00125	.00085	.00094	.00014	.00028	.01087	.00040	.00012
%RSD	6.0626	1.9594	8.4129	.76565	.55188	10.158	.38439	1.9617
#1	.01973	.04310	.01070	.01873	.05048	.09450	.10328	.00631
#2	.01999	.04255	.01057	.01882	.05081	.11259	.10344	.00622
#3	.02201	.04421	.01226	.01901	.05103	.11399	.10269	.00646
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.0206	.00982	.02906	.02191	.09602	.02246	2.0629
Stddev	.00000	.0183	.00016	.00011	.00022	.00057	.00009	.0373
%RSD	.01628	.90658	1.6179	.38468	1.0093	.58865	.40978	1.8060
#1	.00593	2.0249	.00980	.02894	.02180	.09598	.02237	2.1026
#2	.00593	2.0005	.00967	.02916	.02217	.09548	.02245	2.0572
#3	.00593	2.0364	.00999	.02908	.02177	.09661	.02255	2.0288
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04255	.01034	2.0217	.04028	.04083	1.9082	.21115	.09371
Stddev	.00007	.00027	.0061	.00042	.00004	.0241	.00058	.01742
%RSD	.16717	2.5841	.30356	1.0420	.10562	1.2609	.27498	18.590
#1	.04252	.01010	2.0160	.04065	.04079	1.9173	.21078	.11322
#2	.04250	.01029	2.0282	.03982	.04088	1.8809	.21085	.08819
#3	.04263	.01063	2.0208	.04036	.04081	1.9263	.21182	.07972
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01315	.39807	.03748	.04182	.01998	.0188	.02106	F 2.4035
Stddev	.00169	.00086	.00046	.00098	.00026	.0026	.00009	.0692
%RSD	12.839	.21537	1.2362	2.3540	1.2764	13.59	.41923	2.8801
#1	.01134	.39803	.03715	.04235	.02019	.0215	.02098	2.3693
#2	.01468	.39895	.03729	.04242	.01969	.0164	.02116	2.4832
#3	.01341	.39724	.03801	.04068	.02005	.0185	.02105	2.3581

Sample Name: LLCCV01 Acquired: 5/31/2019 12:40:26 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .25752
Stddev	.11906
%RSD	46.236

#1	.12159
#2	.30763
#3	.34334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.7	47627.	3974.1	38.523	3933.7
Stddev	13.0	38.	18.8	.744	13.7
%RSD	.35439	.07952	.47189	1.9325	.34764

#1	3669.8	47587.	3958.4	38.507	3949.3
#2	3653.0	47633.	3994.9	39.275	3927.9
#3	3644.3	47662.	3969.0	37.786	3923.8

Sample Name: CCB01 Acquired: 5/31/2019 12:44:53 Type: Unk
Method: P4-ICP2(v3161) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	.00058	-.00112	-.00069	-.00063	.00178	.00059	.00008
Stddev	.00203	.00068	.00063	.00280	.00041	.01700	.00023	.00007
%RSD	232.97	116.84	56.470	405.66	65.457	952.81	39.451	87.956
#1	.00299	-.00020	-.00184	-.00331	-.00056	.02043	.00080	.00005
#2	-.00105	.00100	-.00088	-.00102	-.00106	-.01288	.00062	.00003
#3	.00067	.00094	-.00065	.00226	-.00025	-.00220	.00034	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00833	-.00025	.00018	-.00011	.00021	-.00008	.06159
Stddev	.00003	.00964	.00023	.00002	.00031	.00010	.00002	.04877
%RSD	210.27	115.69	95.632	12.677	277.50	45.376	24.218	79.181
#1	.00002	-.00440	.00002	.00019	-.00002	.00030	-.00009	.06945
#2	-.00004	-.01931	-.00035	.00019	-.00046	.00022	-.00006	.00937
#3	-.00003	-.00128	-.00041	.00015	.00014	.00011	-.00010	.10594
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00027	-.04813	.00014	-.00031	-.09165	-.00006	.00364
Stddev	.00018	.00020	.00488	.00019	.00005	.01752	.00004	.00422
%RSD	45.874	73.868	10.146	128.72	15.955	19.118	79.351	115.88
#1	-.00025	-.00049	-.05249	-.00005	-.00037	-.11077	-.00007	.00758
#2	-.00035	-.00008	-.04285	.00017	-.00027	-.08782	-.00009	.00416
#3	-.00060	-.00025	-.04905	.00032	-.00029	-.07636	-.00001	-.00081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00458	-.00257	-.00248	.00082	-.00100	-.0012	.00004	F 2.3268
Stddev	.00022	.00095	.00042	.00073	.00153	.0015	.00007	.1587
%RSD	4.7970	36.836	16.790	89.135	152.27	127.5	202.36	6.8191
#1	-.00483	-.00166	-.00291	.00101	-.00258	-.0021	.00004	2.1651
#2	-.00443	-.00355	-.00207	.00001	-.00092	.0006	-.00004	2.3330
#3	-.00449	-.00250	-.00247	.00144	.00048	-.0020	.00010	2.4823

Sample Name: CCB01 Acquired: 5/31/2019 12:44:53 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .33604
Stddev	.24686
%RSD	73.461

#1	.11007
#2	.59951
#3	.29855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.3	47772.	3924.3	37.358	3976.7
Stddev	4.2	106.	5.3	1.585	9.4
%RSD	.11372	.22102	.13401	4.2432	.23722

#1	3661.6	47716.	3918.6	38.816	3978.3
#2	3657.1	47706.	3928.8	35.670	3966.6
#3	3665.4	47894.	3925.7	37.586	3985.3

Sample Name: PB120228BL Acquired: 5/31/2019 12:51:39 Type: Unk
Method: P4-ICP2(v3161) 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	-.00147	.00069	-.00121	-.00208	-.00145	.00700	.00100	.00012
Stddev	.00225	.00195	.00084	.00404	.00122	.00941	.00015	.00003
%RSD	152.50	283.83	69.364	194.39	84.619	134.40	15.404	28.191
#1	-.00404	-.00014	-.00105	.00185	-.00258	.00989	.00099	.00015
#2	.00012	.00292	-.00211	-.00185	-.00015	.01463	.00085	.00009
#3	-.00050	-.00072	-.00046	-.00623	-.00162	-.00351	.00116	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01393	.00004	-.00013	-.00018	.00020	-.00011	-.01323
Stddev	.00004	.00680	.00004	.00018	.00002	.00017	.00005	.03463
%RSD	281.06	48.791	83.206	141.98	13.172	84.538	49.775	261.67
#1	-.00000	-.01949	.00008	-.00026	-.00017	.00036	-.00005	.02169
#2	.00006	-.01596	.00005	-.00020	-.00021	.00002	-.00016	-.04756
#3	-.00002	-.00635	.00001	.00008	-.00017	.00023	-.00012	-.01384
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00016	-.05242	-.00010	-.00025	-.06890	.00016	-.00382
Stddev	.00026	.00018	.00490	.00015	.00006	.02675	.00016	.01137
%RSD	640.73	109.49	9.3563	158.19	23.137	38.828	94.736	297.59
#1	.00015	.00004	-.04838	-.00014	-.00020	-.09952	.00017	-.00160
#2	.00006	-.00023	-.05100	.00007	-.00025	-.05712	.00001	.00627
#3	-.00033	-.00029	-.05788	-.00022	-.00031	-.05006	.00032	-.01614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00772	-.00055	-.00236	.00142	-.00186	-.0007	.00006	F 2.0485
Stddev	.00171	.00058	.00066	.00259	.00166	.0007	.00009	.2011
%RSD	22.177	104.86	27.938	182.34	89.124	103.1	163.02	9.8162
#1	-.00652	-.00110	-.00284	-.00156	-.00224	-.0012	-.00003	1.8243
#2	-.00969	-.00062	-.00263	.00318	-.00330	.0001	.00004	2.2128
#3	-.00696	.00006	-.00161	.00265	-.00005	-.0010	.00015	2.1084

Sample Name: PB120228BL Acquired: 5/31/2019 12:51:39 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .21678
Stddev	.21498
%RSD	99.167

#1	-.01659
#2	.26021
#3	.40673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.7	47523.	3916.9	37.558	3978.2
Stddev	1.6	44.	27.3	1.005	5.4
%RSD	.04443	.09240	.69713	2.6757	.13461

#1	3656.9	47495.	3894.3	37.623	3981.0
#2	3656.6	47501.	3947.2	38.530	3981.6
#3	3659.5	47574.	3909.2	36.523	3972.0

Sample Name: PB120217BL Acquired: 5/31/2019 13:00:17 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120217BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	.00082	-.00124	-.00126	-.00095	.00540	.00079	.00012
Stddev	.00192	.00162	.00091	.00250	.00064	.00524	.00030	.00005
%RSD	103.07	198.16	73.556	197.70	66.890	97.167	38.607	45.093
#1	.00034	.00045	-.00021	.00020	-.00067	.00339	.00079	.00016
#2	-.00272	-.00059	-.00196	-.00415	-.00050	.00145	.00108	.00014
#3	-.00321	.00259	-.00155	.00016	-.00168	.01134	.00048	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00043	-.00021	.00008	-.00037	-.00003	-.00010	.05362
Stddev	.00001	.00603	.00042	.00019	.00009	.00042	.00004	.03687
%RSD	31.155	1406.0	198.42	224.44	24.190	1492.9	41.309	68.764
#1	-.00003	-.00700	.00004	.00028	-.00042	.00045	-.00011	.01373
#2	-.00002	.00085	.00002	.00008	-.00027	-.00022	-.00005	.06066
#3	-.00001	.00486	-.00070	-.00010	-.00042	-.00031	-.00013	.08646
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00013	-.05908	-.00011	-.00028	-.06994	-.00024	-.00323
Stddev	.00029	.00036	.00377	.00053	.00003	.02294	.00005	.00303
%RSD	1604.2	283.63	6.3809	483.31	11.695	32.806	19.026	93.796
#1	-.00004	-.00018	-.06342	.00047	-.00025	-.06823	-.00027	-.00648
#2	-.00030	.00026	-.05660	-.00022	-.00027	-.04790	-.00019	-.00272
#3	.00028	-.00046	-.05722	-.00057	-.00032	-.09369	-.00026	-.00049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00534	-.00317	-.00300	.00222	-.00149	-.0015	.00001	F 1.8008
Stddev	.00158	.00151	.00008	.00076	.00041	.0007	.00005	.2271
%RSD	29.482	47.599	2.7159	34.114	27.678	46.53	367.07	12.613
#1	-.00716	-.00154	-.00302	.00305	-.00197	-.0021	.00007	1.5510
#2	-.00431	-.00452	-.00307	.00202	-.00125	-.0007	-.00001	1.8562
#3	-.00457	-.00345	-.00291	.00158	-.00126	-.0019	-.00002	1.9950

Sample Name: PB120217BL Acquired: 5/31/2019 13:00:17 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120217BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .39977
Stddev	.19943
%RSD	49.886

#1	.31478
#2	.25691
#3	.62761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3658.5	47703.	3918.0	37.658	3974.3
Stddev	5.2	437.	19.8	.392	7.4
%RSD	.14312	.91533	.50602	1.0406	.18520

#1	3652.4	48207.	3895.2	37.216	3966.2
#2	3661.0	47461.	3931.0	37.964	3980.7
#3	3662.0	47441.	3927.8	37.793	3976.0

Sample Name: PB120217BS Acquired: 5/31/2019 13:04:47 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120217BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72181	1.9221	.94196	1.8526	.74711	1.8318	.19276
Stddev	.00300	.0036	.00111	.0010	.00230	.0060	.00103
%RSD	.41530	.18899	.11777	.05619	.30774	.32539	.53264
#1	.72302	1.9226	.94284	1.8537	.74448	1.8346	.19169
#2	.71840	1.9254	.94072	1.8516	.74812	1.8249	.19374
#3	.72402	1.9182	.94234	1.8525	.74873	1.8358	.19284
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18576	.18379	1.0925	.37567	.19317	.30609	2.9109
Stddev	.00029	.00039	.0026	.00192	.00038	.00052	.0071
%RSD	.15599	.21374	.23726	.51149	.19807	.16943	.24293
#1	.18550	.18423	1.0899	.37374	.19291	.30595	2.9130
#2	.18607	.18349	1.0925	.37568	.19298	.30565	2.9031
#3	.18571	.18364	1.0951	.37758	.19361	.30666	2.9167
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20408	1.8998	.47802	.06879	2.8849	.30087	.18187
Stddev	.00056	.0513	.00066	.00060	.0037	.00131	.00016
%RSD	.27535	2.7023	.13897	.86545	.12652	.43576	.08733
#1	.20366	1.9591	.47870	.06810	2.8818	.29961	.18199
#2	.20472	1.8687	.47800	.06906	2.8889	.30223	.18169
#3	.20387	1.8717	.47737	.06919	2.8840	.30079	.18193
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3242	.39748	.27603	F -.00833	.90487	.64357	.20269
Stddev	.0480	.00062	.00011	.00180	.00138	.00113	.00121
%RSD	.51466	.15613	.04030	21.619	.15246	.17597	.59573
#1	9.3068	.39813	.27607	-.00867	.90458	.64263	.20170
#2	9.2873	.39689	.27611	-.00994	.90366	.64324	.20234
#3	9.3784	.39742	.27590	-.00638	.90637	.64483	.20404

Sample Name: PB120217BS Acquired: 5/31/2019 13:04:47 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120217BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20099	F 5.202	.19842	F 2.2160	F<.00000
Stddev	.00113	.002	.00074	.1169	.46073
%RSD	.56403	.0311	.37118	5.2735	137.83
#1	.19979	5.203	.19781	2.3469	-.69001
#2	.20116	5.200	.19820	2.1221	-.49899
#3	.20204	5.202	.19924	2.1790	.18618
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.4	47579.	3890.5	37.989	3849.7
Stddev	5.1	89.	4.9	.532	7.9
%RSD	.14179	.18793	.12512	1.4009	.20422
#1	3597.2	47671.	3894.1	38.098	3841.0
#2	3607.1	47493.	3885.0	38.459	3851.8
#3	3600.0	47573.	3892.5	37.411	3856.3

Sample Name: PB120227BL Acquired: 5/31/2019 13:08:52 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120238BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	.00094	-.00124	-.00108	-.00187	-.00853	.00065	.00007
Stddev	.00294	.00022	.00024	.00310	.00033	.00392	.00006	.00002
%RSD	129.92	23.729	19.440	287.91	17.571	45.967	9.9046	33.415
#1	.00111	.00082	-.00134	-.00272	-.00158	-.00745	.00067	.00005
#2	-.00360	.00081	-.00141	-.00302	-.00180	-.01288	.00058	.00006
#3	-.00430	.00120	-.00096	.00250	-.00223	-.00526	.00070	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00702	-.00014	.00008	-.00038	.00026	-.00007	.05914
Stddev	.00004	.00472	.00017	.00016	.00027	.00015	.00002	.04120
%RSD	125.18	67.310	124.18	203.06	70.492	57.508	25.457	69.675
#1	-.00000	-.00344	-.00032	.00025	-.00017	.00013	-.00009	.05506
#2	.00007	-.01237	.00003	.00007	-.00030	.00042	-.00005	.02012
#3	.00002	-.00524	-.00013	-.00008	-.00068	.00024	-.00008	.10223
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.00009	-.05702	-.00018	-.00031	-.08880	-.00010	.00130
Stddev	.00012	.00047	.00439	.00033	.00005	.02704	.00019	.02511
%RSD	29.698	512.17	7.6941	186.01	16.962	30.451	196.80	1927.2
#1	-.00027	-.00040	-.05829	.00020	-.00027	-.07342	-.00022	-.00865
#2	-.00050	.00053	-.05214	-.00037	-.00029	-.12003	-.00019	.02987
#3	-.00046	.00015	-.06063	-.00036	-.00037	-.07297	.00012	-.01731
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	-.00130	-.00285	.00275	-.00205	-.0020	.00004	F 2.0430
Stddev	.00105	.00087	.00073	.00180	.00030	.0004	.00005	.1436
%RSD	39.055	66.818	25.521	65.488	14.482	20.42	127.45	7.0296
#1	-.00384	-.00030	-.00283	.00330	-.00171	-.0024	.00001	2.0778
#2	-.00176	-.00179	-.00359	.00421	-.00224	-.0016	.00001	2.1660
#3	-.00250	-.00182	-.00214	.00074	-.00221	-.0022	.00010	1.8852

Sample Name: PB120227BL Acquired: 5/31/2019 13:08:52 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120238BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .31995
Stddev	.25500
%RSD	79.701

#1	.60783
#2	.12246
#3	.22954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.7	47536.	3862.3	38.289	3960.0
Stddev	1.0	24.	85.9	1.206	8.9
%RSD	.02636	.05056	2.2228	3.1500	.22393

#1	3646.6	47523.	3894.2	39.634	3963.3
#2	3648.1	47563.	3927.6	37.927	3949.9
#3	3648.3	47521.	3765.0	37.305	3966.7

Sample Name: PB120227BS Acquired: 5/31/2019 13:13:19 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120238BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74152	1.9864	.96055	1.9524	.76003	1.8446	.19275
Stddev	.00291	.0052	.00237	.0027	.00016	.0184	.00114
%RSD	.39194	.26336	.24641	.13764	.02080	.99970	.59306

#1	.74345	1.9921	.95794	1.9524	.76010	1.8344	.19191
#2	.74293	1.9852	.96116	1.9551	.75985	1.8335	.19229
#3	.73818	1.9818	.96256	1.9497	.76013	1.8659	.19405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19688	.18907	1.0832	.37414	.19439	.31161	2.9340
Stddev	.00063	.00084	.0129	.00149	.00064	.00163	.0041
%RSD	.31756	.44592	1.1894	.39773	.33001	.52243	.13961

#1	.19759	.18863	1.0787	.37467	.19366	.31236	2.9313
#2	.19641	.18853	1.0978	.37246	.19487	.30974	2.9388
#3	.19664	.19004	1.0732	.37529	.19463	.31273	2.9321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20539	1.9720	.48305	.07132	2.8990	.29621	.18742
Stddev	.00048	.0821	.00078	.00063	.0170	.00106	.00033
%RSD	.23214	4.1649	.16205	.87990	.58565	.35652	.17791

#1	.20503	2.0484	.48334	.07156	2.8859	.29536	.18707
#2	.20593	1.8851	.48216	.07179	2.8930	.29588	.18773
#3	.20521	1.9827	.48364	.07061	2.9182	.29739	.18748

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3625	.39187	.26922	F -.00984	.90896	.66176	.19959
Stddev	.0243	.00064	.01472	.00254	.00416	.00072	.00210
%RSD	.25987	.16396	5.4693	25.808	.45786	.10838	1.0509

#1	9.3470	.39260	.28081	-.01152	.91321	.66098	.20090
#2	9.3906	.39138	.25265	-.00692	.90490	.66239	.20069
#3	9.3500	.39164	.27421	-.01107	.90876	.66192	.19717

Sample Name: PB120227BS Acquired: 5/31/2019 13:13:19 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120238BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19908	5.407	.19642	F 2.4639	F<.00000
Stddev	.00060	.013	.00039	.3085	.11303
%RSD	.30067	.2420	.19885	12.522	28.234
#1	.19966	5.419	.19597	2.4518	-.50562
#2	.19846	5.393	.19656	2.7782	-.28089
#3	.19911	5.407	.19671	2.1615	-.41453
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.3	46698.	3857.7	39.174	3828.0
Stddev	7.3	216.	26.2	.742	5.9
%RSD	.20335	.46242	.67977	1.8930	.15474
#1	3605.3	46450.	3833.3	38.380	3831.3
#2	3614.1	46811.	3854.5	39.848	3831.6
#3	3599.5	46835.	3885.4	39.295	3821.2

Sample Name: PB120219BL Acquired: 5/31/2019 13:17:26 Type: Unk
Method: P4-ICP2(v3161) 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	-.00135	.00119	-.00035	.00114	-.00166	-.00008	.00076	.00010
Stddev	.00148	.00022	.00064	.00098	.00081	.00661	.00058	.00002
%RSD	109.57	18.382	186.69	86.279	48.403	8475.9	75.391	23.838
#1	-.00170	.00141	-.00104	.00124	-.00106	-.00667	.00073	.00013
#2	-.00261	.00097	-.00022	.00207	-.00258	.00655	.00020	.00008
#3	.00027	.00120	.00023	.00011	-.00135	-.00011	.00135	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00586	-.00002	-.00004	.00001	.00015	-.00008	.04586
Stddev	.00002	.00653	.00009	.00015	.00013	.00034	.00004	.02600
%RSD	61.505	111.45	405.38	398.80	1042.9	221.52	47.210	56.704
#1	.00001	-.00164	-.00012	-.00020	-.00008	.00023	-.00012	.06250
#2	.00005	-.00256	.00006	.00001	-.00004	.00044	-.00004	.05918
#3	.00006	-.01338	-.00000	.00008	.00016	-.00022	-.00009	.01589
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00013	-.05749	-.00023	-.00037	-.07621	-.00011	-.01443
Stddev	.00014	.00054	.00482	.00030	.00005	.01158	.00025	.00598
%RSD	25.753	423.41	8.3885	130.49	12.204	15.198	224.86	41.455
#1	-.00052	.00019	-.06169	.00010	-.00034	-.06951	-.00039	-.01469
#2	-.00042	.00017	-.05855	-.00031	-.00035	-.06954	.00010	-.02028
#3	-.00070	-.00075	-.05222	-.00048	-.00043	-.08958	-.00005	-.00832
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00618	-.00202	-.00330	.00135	-.00168	-.0007	-.00000	F 2.3022
Stddev	.00357	.00210	.00024	.00215	.00050	.0007	.00002	.0947
%RSD	57.737	104.06	7.1499	159.58	29.469	105.0	391.14	4.1119
#1	-.00324	.00035	-.00352	.00260	-.00148	-.0013	-.00001	2.2083
#2	-.00514	-.00365	-.00305	-.00114	-.00133	-.0009	-.00002	2.3976
#3	-.01015	-.00276	-.00334	.00258	-.00225	.0001	.00001	2.3007

Sample Name: PB120219BL Acquired: 5/31/2019 13:17:26 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .18401
Stddev	.10879
%RSD	59.119

#1	.30903
#2	.13206
#3	.11094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.6	46642.	3831.7	37.163	3923.3
Stddev	4.7	288.	29.6	.905	3.6
%RSD	.13015	.61754	.77355	2.4357	.09142

#1	3610.0	46826.	3797.8	36.757	3925.2
#2	3603.4	46310.	3844.8	36.532	3919.2
#3	3612.5	46791.	3852.5	38.200	3925.6

Sample Name: PB120219BS Acquired: 5/31/2019 13:21:53 Type: Unk
Method: P4-ICP2(v3161) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75037	2.0171	.97562	1.9827	.77357	1.8774	.19485
Stddev	.00778	.0006	.00288	.0049	.00111	.0168	.00113
%RSD	1.0373	.02832	.29482	.24450	.14357	.89532	.58024

#1	.75270	2.0178	.97348	1.9869	.77483	1.8853	.19396
#2	.74169	2.0168	.97889	1.9837	.77315	1.8581	.19446
#3	.75672	2.0168	.97449	1.9774	.77274	1.8888	.19612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19917	.19267	1.1033	.38167	.19682	.31727	2.9838
Stddev	.00018	.00035	.0119	.00050	.00056	.00043	.0049
%RSD	.09074	.17940	1.0770	.12972	.28217	.13586	.16328

#1	.19934	.19237	1.0971	.38117	.19629	.31769	2.9812
#2	.19898	.19305	1.0958	.38168	.19679	.31683	2.9807
#3	.19920	.19258	1.1170	.38216	.19739	.31729	2.9894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20775	2.0240	.49015	.07245	2.9326	.30122	.18978
Stddev	.00023	.0302	.00061	.00044	.0282	.00018	.00011
%RSD	.10897	1.4897	.12397	.60261	.96173	.06095	.05729

#1	.20761	1.9903	.49056	.07277	2.9189	.30122	.18967
#2	.20763	2.0331	.49044	.07196	2.9138	.30104	.18979
#3	.20802	2.0485	.48946	.07263	2.9650	.30141	.18988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5070	.39790	.28541	F -.01026	.92898	.67097	.19956
Stddev	.0978	.00072	.00232	.00102	.00559	.00252	.00092
%RSD	1.0289	.18023	.81384	9.9252	.60152	.37623	.46136

#1	9.5037	.39709	.28709	-.01095	.93543	.67163	.19865
#2	9.4109	.39814	.28637	-.00909	.92563	.67311	.20049
#3	9.6065	.39846	.28276	-.01073	.92588	.66819	.19954

Sample Name: PB120219BS Acquired: 5/31/2019 13:21:53 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20301	5.491	.19994	F 2.4863	F<.00000
Stddev	.00171	.006	.00090	.0652	.22588
%RSD	.84041	.1174	.44797	2.6211	60.444
#1	.20242	5.489	.20014	2.4260	-.11334
#2	.20167	5.498	.19896	2.5554	-.51732
#3	.20493	5.485	.20072	2.4774	-.49044
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.3	46797.	3843.8	37.945	3840.4
Stddev	2.7	116.	10.4	1.993	6.7
%RSD	.07516	.24764	.27128	5.2524	.17477
#1	3615.7	46801.	3832.1	40.098	3844.1
#2	3610.3	46911.	3847.2	37.575	3832.7
#3	3613.9	46679.	3852.1	36.164	3844.4

Sample Name: K2639-05 Acquired: 5/31/2019 13:26:00 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09103	-.00456	.47199	-.07607	.01433	189.40	.85404	.02791
Stddev	.00152	.00080	.00098	.00415	.00133	.97	.00164	.00033
%RSD	1.6650	17.518	.20719	5.4515	9.2906	.51003	.19155	1.1793
#1	.09218	-.00383	.47228	-.07672	.01586	189.11	.85414	.02761
#2	.09159	-.00443	.47279	-.07986	.01373	190.48	.85562	.02827
#3	.08931	-.00541	.47090	-.07164	.01341	188.62	.85235	.02786
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01533	97.385	.43836	.16847	.75028	213.86	4.4515	74.427
Stddev	.00015	.295	.00067	.00038	.00158	.66	.0046	.315
%RSD	.96621	.30287	.15305	.22429	.21110	.30745	.10407	.42348
#1	.01524	97.199	.43903	.16808	.74847	214.58	4.4568	74.255
#2	.01524	97.725	.43769	.16884	.75096	213.72	4.4497	74.791
#3	.01550	97.230	.43836	.16847	.75142	213.29	4.4481	74.236
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32411	-.06388	14.326	.75523	.98984	25.256	.00715	-.12410
Stddev	.00059	.00033	.033	.00103	.00144	.112	.00016	.00499
%RSD	.18097	.51587	.23296	.13691	.14557	.44154	2.2765	4.0250
#1	.32406	-.06352	14.341	.75634	.99019	25.300	.00734	-.12078
#2	.32356	-.06415	14.350	.75506	.99107	25.339	.00707	-.12984
#3	.32473	-.06399	14.288	.75429	.98825	25.129	.00704	-.12167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4944	4.0871	.05685	4.5838	.38315	7.317	.27719	<.00000
Stddev	.0153	.1231	.00036	.0126	.00099	.022	.00185	.11980
%RSD	.23590	3.0125	.62536	.27460	.25719	.3038	.66904	4.8823
#1	6.4852	4.2261	.05644	4.5935	.38243	7.297	.27507	-2.5286
#2	6.5121	4.0435	.05706	4.5884	.38427	7.341	.27853	-2.5170
#3	6.4859	3.9918	.05705	4.5696	.38274	7.314	.27796	-2.3156

Sample Name: K2639-05 Acquired: 5/31/2019 13:26:00 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 123.10
Stddev 1.36
%RSD 1.1054

#1 121.99
#2 122.69
#3 124.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.4	50397.	4561.4	36.638	3191.7
Stddev	3.8	210.	3.1	.443	1.3
%RSD	.09918	.41762	.06777	1.2104	.03958

#1	3878.3	50177.	4560.7	36.504	3193.0
#2	3882.2	50419.	4558.7	36.278	3190.4
#3	3874.5	50596.	4564.8	37.133	3191.8

Sample Name: K2639-07 Acquired: 5/31/2019 13:30:33 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05818	-.00420	.75510	-.03658	.00738	142.19	1.0054	.01788
Stddev	.00097	.00075	.00108	.00469	.00206	2.15	.0117	.00004
%RSD	1.6695	17.833	.14331	12.816	27.874	1.5146	1.1607	.21405

#1	.05909	-.00394	.75450	-.03520	.00897	139.81	.99245	.01790
#2	.05830	-.00361	.75635	-.04181	.00506	144.01	1.0151	.01784
#3	.05716	-.00504	.75446	-.03274	.00810	142.74	1.0086	.01790

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	51.304	.32833	.13565	.51200	164.05	4.1523	66.455
Stddev	.00025	.152	.00218	.00030	.00071	1.19	.0053	1.008
%RSD	3.9601	.29614	.66484	.22078	.13788	.72808	.12841	1.5174

#1	.00640	51.132	.32595	.13586	.51277	163.03	4.1465	65.303
#2	.00642	51.420	.32879	.13579	.51138	163.77	4.1570	67.178
#3	.00598	51.361	.33024	.13531	.51186	165.37	4.1533	66.884

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26925	-.03503	9.0621	.55830	.85474	18.509	.00620	-.04436
Stddev	.00113	.00016	.1009	.00130	.00106	.239	.00033	.01811
%RSD	.41999	.46409	1.1138	.23309	.12344	1.2925	5.3866	40.822

#1	.26948	-.03505	8.9461	.55681	.85402	18.250	.00608	-.02864
#2	.27025	-.03518	9.1296	.55921	.85595	18.722	.00657	-.04029
#3	.26803	-.03486	9.1107	.55887	.85426	18.556	.00593	-.06416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9205	4.3448	.02842	3.9394	.26532	5.240	.02439	<.00000
Stddev	.0164	.0198	.00033	.0422	.00218	.004	.00260	.21835
%RSD	.56254	.45456	1.1448	1.0718	.82064	.0717	10.674	13.116

#1	2.9023	4.3436	.02809	3.9023	.26663	5.236	.02512	-1.4748
#2	2.9248	4.3651	.02844	3.9854	.26652	5.240	.02655	-1.6162
#3	2.9343	4.3256	.02874	3.9306	.26280	5.244	.02150	-1.9033

Sample Name: K2639-07 Acquired: 5/31/2019 13:30:33 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	80.989
Stddev	.654
%RSD	.80799

#1	81.741
#2	80.553
#3	80.672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4001.1	51946.	4618.7	37.272	3347.1
Stddev	.2	144.	45.6	1.114	4.6
%RSD	.00518	.27759	.98711	2.9885	.13832

#1	4001.3	52112.	4576.6	36.002	3351.5
#2	4000.9	51871.	4612.5	37.728	3342.2
#3	4001.2	51855.	4667.1	38.084	3347.5

Sample Name: PB120228BS Acquired: 5/31/2019 13:47:48 Type: Unk
Method: P4-ICP2(v3161) 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	.75270	1.9429	.95953	1.9288	.76321	1.9465	.20277
Stddev	.00285	.0028	.00292	.0016	.00204	.0063	.00038
%RSD	.37910	.14273	.30419	.08264	.26736	.32227	.18670

#1	.75526	1.9458	.96286	1.9295	.76241	1.9393	.20236
#2	.75320	1.9427	.95827	1.9300	.76553	1.9495	.20282
#3	.74962	1.9403	.95745	1.9270	.76170	1.9508	.20311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18954	.18834	F 1.5125	.38647	.19800	.31733	2.9738
Stddev	.00212	.00059	.0084	.00351	.00019	.00123	.0341
%RSD	1.1185	.31579	.55317	.90822	.09783	.38855	1.1480

#1	.19111	.18796	1.5030	.39017	.19790	.31849	3.0000
#2	.19037	.18903	1.5188	.38605	.19823	.31746	2.9862
#3	.18713	.18805	1.5156	.38319	.19789	.31604	2.9352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20686	1.9948	.49326	.07031	3.0168	.30924	.18606
Stddev	.00210	.0455	.00096	.00081	.0121	.00343	.00023
%RSD	1.0135	2.2826	.19540	1.1577	.40008	1.1086	.12575

#1	.20844	1.9978	.49243	.07059	3.0056	.31123	.18624
#2	.20765	2.0388	.49432	.07096	3.0154	.31122	.18614
#3	.20448	1.9479	.49304	.06940	3.0296	.30529	.18580

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9140	.40922	.28103	F -.00355	.90841	.64605	.20559
Stddev	.0313	.00091	.00654	.00124	.00704	.00073	.00246
%RSD	.31560	.22154	2.3286	34.807	.77502	.11309	1.1946

#1	9.8792	.40902	.27473	-.00349	.91534	.64524	.20307
#2	9.9230	.41021	.28057	-.00482	.90862	.64666	.20573
#3	9.9398	.40843	.28779	-.00235	.90127	.64626	.20798

Sample Name: PB120228BS Acquired: 5/31/2019 13:47:48 Type: Unk
Method: P4-ICP2(v3161) 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	.21028	5.419	.20540	F 1.3712	F<.00000
Stddev	.00036	.002	.00069	.3123	.13407
%RSD	.17068	.0442	.33705	22.774	13.820
#1	.21002	5.416	.20482	1.4843	-1.1241
#2	.21014	5.418	.20522	1.6112	-.87922
#3	.21069	5.421	.20616	1.0182	-.90705
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.1	47221.	3945.2	38.564	3836.8
Stddev	23.3	421.	30.9	.347	19.0
%RSD	.65208	.89229	.78376	.89898	.49508
#1	3556.8	46844.	3911.7	38.636	3821.8
#2	3569.4	47143.	3951.1	38.186	3830.4
#3	3602.0	47675.	3972.7	38.868	3858.1

Sample Name: CCV02 Acquired: 5/31/2019 13:51:53 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8402	4.8721	4.8015	4.9087	4.8929	9.7278	9.8230	.24605
Stddev	.0128	.0127	.0082	.0042	.0066	.0281	.0365	.00066
%RSD	.26498	.25977	.17054	.08622	.13441	.28862	.37110	.26910
#1	4.8259	4.8658	4.7925	4.9041	4.8909	9.7578	9.7900	.24672
#2	4.8507	4.8867	4.8084	4.9096	4.9003	9.7236	9.8621	.24602
#3	4.8440	4.8639	4.8037	4.9124	4.8876	9.7021	9.8169	.24540
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4008	24.141	.96189	2.4073	1.2225	4.8016	2.4502	24.196
Stddev	.0051	.087	.00256	.0056	.0008	.0072	.0043	.072
%RSD	.21088	.36145	.26641	.23435	.06120	.14958	.17515	.29569
#1	2.3969	24.073	.96012	2.4019	1.2221	4.7958	2.4470	24.147
#2	2.4065	24.110	.96483	2.4131	1.2221	4.8096	2.4550	24.164
#3	2.3990	24.239	.96072	2.4068	1.2234	4.7994	2.4485	24.278
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3955	1.2114	24.505	2.4107	2.4067	24.154	4.8479	4.8194
Stddev	.0030	.0010	.071	.0058	.0060	.075	.0062	.0167
%RSD	.12697	.08308	.28885	.24012	.24899	.31055	.12724	.34673
#1	2.3929	1.2121	24.462	2.4104	2.4010	24.150	4.8408	4.8352
#2	2.3988	1.2118	24.587	2.4166	2.4130	24.230	4.8508	4.8019
#3	2.3947	1.2102	24.467	2.4050	2.4060	24.080	4.8521	4.8210
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8067	4.7096	4.7643	4.8287	4.8404	4.951	4.9180	F 2.8356
Stddev	.0056	.0139	.0168	.0087	.0100	.015	.0201	.0743
%RSD	.11545	.29605	.35251	.17990	.20668	.3003	.40948	2.6215
#1	4.8003	4.6992	4.7500	4.8258	4.8305	4.942	4.8948	2.7759
#2	4.8100	4.7041	4.7828	4.8219	4.8402	4.969	4.9315	2.8120
#3	4.8098	4.7254	4.7601	4.8385	4.8505	4.944	4.9277	2.9189

Sample Name: CCV02 Acquired: 5/31/2019 13:51:53 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15047 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5235
Stddev .5247
%RSD 20.791

#1 1.9226
#2 2.8904
#3 2.7577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.1	46050.	4036.1	37.863	3557.3
Stddev	3.9	59.	9.4	1.345	6.5
%RSD	.10903	.12712	.23194	3.5517	.18357

#1	3565.5	46024.	4045.9	37.950	3562.6
#2	3559.3	46010.	4035.1	39.162	3550.0
#3	3558.4	46117.	4027.3	36.476	3559.2

Sample Name: CCB02 Acquired: 5/31/2019 13:55:52 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	.00123	-.00093	.00072	-.00070	-.00217	.00072	.00005
Stddev	.00200	.00055	.00072	.00124	.00021	.00800	.00019	.00008
%RSD	201.60	45.107	77.731	172.56	29.606	367.85	26.098	151.59

#1	.00016	.00066	-.00146	-.00064	-.00089	-.00943	.00093	-.00004
#2	-.00331	.00125	-.00011	.00179	-.00048	.00640	.00067	.00011
#3	.00017	.00177	-.00121	.00102	-.00073	-.00350	.00057	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.01574	-.00018	.00023	-.00051	.00037	-.00000	.07972
Stddev	.00008	.00349	.00017	.00014	.00033	.00025	.00007	.02722
%RSD	40.911	22.157	96.665	61.651	65.038	66.884	2737.1	34.145

#1	.00014	-.01762	-.00033	.00039	-.00089	.00035	.00002	.08210
#2	.00030	-.01788	.00001	.00019	-.00027	.00013	-.00008	.10567
#3	.00017	-.01171	-.00022	.00011	-.00037	.00062	.00006	.05139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00041	-.05808	.00012	-.00019	-.03606	.00048	-.00701
Stddev	.00022	.00047	.00624	.00013	.00012	.00337	.00007	.00257
%RSD	123.54	113.97	10.751	105.58	62.481	9.3352	13.692	36.628

#1	.00041	.00000	-.05434	.00017	-.00030	-.03665	.00053	-.00997
#2	-.00004	-.00092	-.05462	.00021	-.00019	-.03909	.00050	-.00538
#3	.00017	-.00032	-.06529	-.00002	-.00007	-.03243	.00040	-.00567

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00593	-.00293	-.00209	.00061	-.00158	-.0019	.00023	F 1.2266
Stddev	.00270	.00125	.00097	.00229	.00062	.0018	.00008	.3512
%RSD	45.608	42.774	46.327	377.01	38.930	93.61	33.654	28.630

#1	-.00579	-.00150	-.00105	-.00111	-.00089	.0001	.00019	1.4658
#2	-.00871	-.00382	-.00297	-.00027	-.00177	-.0025	.00033	1.3905
#3	-.00330	-.00347	-.00225	.00321	-.00208	-.0034	.00019	.82340

Sample Name: CCB02 Acquired: 5/31/2019 13:55:52 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15047 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .09128
Stddev	.12970
%RSD	142.09

#1	.01603
#2	.01677
#3	.24105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.9	48805.	4108.8	39.139	4047.2
Stddev	29.9	432.	33.3	1.332	30.7
%RSD	.79881	.88438	.81030	3.4024	.75746

#1	3713.4	48464.	4072.0	38.425	4011.9
#2	3763.2	48660.	4117.6	38.316	4062.0
#3	3767.2	49290.	4136.8	40.675	4067.6

Sample Name: K3112-01 Acquired: 5/31/2019 14:00:21 Type: Unk
Method: P4-ICP2(v3161) 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	-.00500	.00318	.00221	-.00158	-.00282	.00794	.21526	.00019
Stddev	.00238	.00080	.00023	.00457	.00044	.01468	.00086	.00005
%RSD	47.590	24.985	10.279	290.30	15.492	184.85	.40149	26.073
#1	-.00389	.00390	.00243	-.00251	-.00310	-.00879	.21433	.00014
#2	-.00774	.00331	.00223	.00339	-.00304	.01866	.21604	.00024
#3	-.00338	.00233	.00198	-.00561	-.00231	.01395	.21542	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	148.20	-.00027	-.00012	.00269	-.00779	.00117	59.101
Stddev	.00006	.66	.00026	.00017	.00034	.00066	.00005	.494
%RSD	59.416	.44544	94.454	136.26	12.557	8.4909	4.7077	.83653
#1	.00016	148.69	-.00005	.00001	.00246	-.00704	.00113	58.696
#2	.00009	148.47	-.00022	-.00031	.00253	-.00805	.00123	59.652
#3	.00005	147.45	-.00055	-.00007	.00308	-.00829	.00114	58.956
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00007	760.12	.00119	.28405	26.352	.06696	.35229
Stddev	.00040	.00016	7.24	.00038	.00073	.093	.00054	.00799
%RSD	23.770	217.43	.95183	31.671	.25722	.35286	.81256	2.2688
#1	-.00137	.00010	762.50	.00077	.28321	26.298	.06638	.34429
#2	-.00158	-.00011	765.87	.00130	.28453	26.459	.06746	.35231
#3	-.00215	-.00021	752.00	.00151	.28441	26.299	.06703	.36027
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.044	F 12.698	-.01291	-.00422	.02269	.0263	1.0091	4.1133
Stddev	.121	.096	.00055	.00119	.00023	.0002	.0056	.1543
%RSD	.39125	.75341	4.2918	28.220	1.0114	.6971	.55159	3.7509
#1	31.006	12.766	-.01305	-.00406	.02289	.0264	1.0132	4.2902
#2	30.946	12.741	-.01230	-.00312	.02274	.0261	1.0113	4.0427
#3	31.180	12.589	-.01338	-.00549	.02244	.0264	1.0028	4.0069

Sample Name: K3112-01 Acquired: 5/31/2019 14:00:21 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4450
Stddev	.2269
%RSD	15.699

#1	1.3031
#2	1.7066
#3	1.3253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.0	42097.	4023.9	39.312	3220.7
Stddev	8.6	4.	29.5	1.252	9.5
%RSD	.25828	.00998	.73385	3.1860	.29533

#1	3336.2	42099.	3998.0	39.156	3218.1
#2	3335.8	42101.	4017.5	40.635	3231.3
#3	3321.1	42093.	4056.0	38.144	3212.8

Sample Name: PB120238TB Acquired: 5/31/2019 14:04:53 Type: Unk
Method: P4-ICP2(v3161) 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	-.00293	-.00057	-.00013	.00022	.00053	.00469	-.00007	-.00000
Stddev	.00038	.00142	.00110	.00106	.00121	.01918	.00021	.00004
%RSD	12.827	251.30	844.56	472.59	228.23	408.79	298.75	1088.7
#1	-.00334	-.00167	-.00005	.00144	.00172	-.01526	.00017	-.00003
#2	-.00283	-.00106	-.00127	-.00050	-.00070	.02298	-.00020	.00004
#3	-.00261	.00104	.00093	-.00027	.00058	.00635	-.00019	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00326	.00014	-.00012	.00020	.00101	.00003	.10917
Stddev	.00002	.00583	.00006	.00016	.00030	.00023	.00002	.05337
%RSD	78.254	178.72	42.718	127.36	145.93	22.671	82.351	48.881
#1	-.00005	.00119	.00021	.00006	.00026	.00125	.00002	.16802
#2	-.00002	.00984	.00010	-.00021	-.00012	.00080	.00005	.06392
#3	-.00001	-.00125	.00011	-.00022	.00047	.00098	.00001	.09558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00162	F 308.22	.00006	.00161	.10997	.00003	.00670
Stddev	.00041	.00021	.86	.00036	.00005	.01180	.00027	.00533
%RSD	20.496	13.118	.27767	641.40	2.9386	10.729	790.42	79.422
#1	.00227	.00181	308.45	.00012	.00158	.09643	.00007	.00921
#2	.00215	.00166	308.94	-.00033	.00166	.11801	.00029	.00059
#3	.00151	.00139	307.27	.00038	.00159	.11548	-.00025	.01031
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01297	.00338	-.00184	.00245	-.00097	-.0010	.00009	3.2374
Stddev	.00289	.00047	.00092	.00127	.00187	.0004	.00004	.2381
%RSD	22.244	13.873	49.952	51.726	192.59	44.00	46.297	7.3550
#1	.01620	.00359	-.00078	.00120	-.00286	-.0006	.00004	3.0468
#2	.01065	.00284	-.00238	.00373	.00087	-.0009	.00012	3.5043
#3	.01207	.00371	-.00235	.00241	-.00091	-.0015	.00011	3.1611

Sample Name: PB120238TB Acquired: 5/31/2019 14:04:53 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.23325
Stddev	.12241
%RSD	52.480

#1	.32118
#2	.09344
#3	.28513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.8	44814.	4074.3	39.592	3508.8
Stddev	9.8	106.	42.0	.905	7.0
%RSD	.27990	.23723	1.0303	2.2860	.19831

#1	3479.1	44696.	4026.4	39.216	3503.5
#2	3498.3	44841.	4105.0	38.936	3516.7
#3	3491.9	44903.	4091.3	40.625	3506.1

Sample Name: PB120239TB Acquired: 5/31/2019 14:09:31 Type: Unk
Method: P4-ICP2(v3161) 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	-.00312	-.00236	-.00052	.00003	-.00110	.00896	.00030	.00002
Stddev	.00230	.00138	.00058	.00164	.00136	.00067	.00036	.00004
%RSD	73.635	58.483	111.01	5904.0	123.86	7.4928	120.36	225.50
#1	-.00224	-.00369	-.00118	.00189	.00036	.00838	.00003	.00004
#2	-.00139	-.00094	-.00010	-.00123	-.00131	.00881	.00016	-.00003
#3	-.00572	-.00246	-.00028	-.00058	-.00234	.00969	.00071	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00184	.00026	.00004	-.00036	.00042	-.00002	.03891
Stddev	.00004	.00458	.00018	.00007	.00010	.00020	.00004	.06070
%RSD	139.39	249.01	70.825	187.29	28.320	47.402	266.34	155.97
#1	.00002	-.00319	.00019	.00000	-.00047	.00019	-.00000	-.02548
#2	-.00004	.00576	.00012	.00012	-.00027	.00056	-.00006	.04716
#3	-.00006	.00295	.00046	-.00001	-.00034	.00051	.00002	.09506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00082	F 278.90	-.00026	.00115	.03924	.00008	-.00252
Stddev	.00024	.00015	1.20	.00019	.00016	.01946	.00001	.00544
%RSD	16.145	18.761	.43107	73.931	14.382	49.594	15.925	216.05
#1	.00128	.00093	277.52	-.00047	.00098	.01677	.00009	.00344
#2	.00177	.00088	279.44	-.00023	.00115	.05035	.00006	-.00722
#3	.00149	.00064	279.74	-.00008	.00131	.05059	.00008	-.00378
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00835	.00183	-.00204	.00201	-.00056	-.0013	.00007	3.2417
Stddev	.00195	.00160	.00028	.00071	.00085	.0018	.00005	.0828
%RSD	23.313	87.594	13.764	35.394	150.19	138.9	72.212	2.5526
#1	.00618	-.00001	-.00233	.00187	-.00027	-.0031	.00012	3.3294
#2	.00993	.00254	-.00176	.00278	-.00152	.0005	.00008	3.1650
#3	.00895	.00296	-.00204	.00138	.00009	-.0012	.00002	3.2307

Sample Name: PB120239TB Acquired: 5/31/2019 14:09:31 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.04981
Stddev	.29554
%RSD	593.38

#1	.15613
#2	-.28418
#3	.27747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.7	44559.	4018.4	38.787	3475.8
Stddev	15.4	128.	33.6	.848	7.5
%RSD	.44457	.28646	.83672	2.1855	.21502

#1	3472.0	44510.	4006.9	38.700	3484.4
#2	3441.6	44462.	4056.3	39.675	3471.2
#3	3453.4	44703.	3992.0	37.986	3471.7

Sample Name: K3104-01 Acquired: 5/31/2019 14:14:08 Type: Unk
Method: P4-ICP2(v3161) 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	.01412	.00129	.04450	.00341	.00248	17.439	.08664	.00110
Stddev	.00217	.00028	.00085	.00140	.00050	.320	.00063	.00008
%RSD	15.356	22.127	1.9151	41.133	20.308	1.8344	.72217	7.2420
#1	.01584	.00146	.04511	.00280	.00196	17.805	.08735	.00104
#2	.01168	.00144	.04486	.00501	.00252	17.303	.08617	.00108
#3	.01483	.00096	.04352	.00241	.00297	17.210	.08640	.00119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	29.545	.01173	.00868	.05083	18.808	.18803	7.3474
Stddev	.00004	.136	.00010	.00022	.00023	.020	.00007	.0274
%RSD	42.114	.45910	.84389	2.5828	.44828	.10592	.03719	.37249
#1	-.00010	29.504	.01176	.00853	.05063	18.794	.18805	7.3159
#2	-.00014	29.696	.01162	.00857	.05078	18.800	.18795	7.3612
#3	-.00006	29.434	.01181	.00894	.05108	18.831	.18808	7.3652
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01118	-.00187	23.375	.04726	.39148	6.1381	.03609	.16737
Stddev	.00031	.00025	.026	.00044	.00021	.0386	.00021	.01147
%RSD	2.7337	13.158	.10970	.92715	.05467	.62808	.57035	6.8517
#1	.01111	-.00197	23.401	.04739	.39129	6.1753	.03633	.15858
#2	.01092	-.00206	23.376	.04761	.39171	6.0983	.03595	.16320
#3	.01152	-.00159	23.349	.04677	.39144	6.1406	.03600	.18034
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8192	F 24.666	-.00215	.49053	.01401	.2451	.37420	2.6861
Stddev	.0146	.098	.00061	.01081	.00101	.0004	.00171	.1891
%RSD	.18673	.39736	28.263	2.2038	7.1935	.1595	.45817	7.0381
#1	7.8037	24.701	-.00262	.50121	.01387	.2451	.37452	2.4868
#2	7.8212	24.742	-.00146	.49079	.01508	.2455	.37574	2.8629
#3	7.8327	24.555	-.00235	.47959	.01307	.2447	.37235	2.7086

Sample Name: K3104-01 Acquired: 5/31/2019 14:14:08 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7436
Stddev	.2518
%RSD	4.3838

#1	5.8551
#2	5.9204
#3	5.4553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.9	47481.	4162.4	39.786	3710.1
Stddev	12.2	206.	18.6	.280	6.8
%RSD	.33883	.43483	.44661	.70387	.18279

#1	3598.1	47247.	4150.2	39.687	3707.6
#2	3606.5	47637.	4153.2	39.570	3705.0
#3	3622.2	47560.	4183.8	40.102	3717.8

Sample Name: K3104-04 Acquired: 5/31/2019 14:18:26 Type: Unk
Method: P4-ICP2(v3161) 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	.01478	-.00031	.00989	.00036	.00141	2.8260	.03706	.00022
Stddev	.00120	.00012	.00094	.00213	.00053	.0136	.00027	.00006
%RSD	8.1002	39.071	9.5138	597.54	37.572	.48174	.73365	25.077

#1	.01406	-.00030	.00985	.00280	.00117	2.8258	.03684	.00027
#2	.01616	-.00019	.00896	-.00065	.00201	2.8397	.03736	.00024
#3	.01413	-.00044	.01084	-.00108	.00103	2.8124	.03699	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	29.408	.00304	.00121	.01347	2.8599	.02982	4.1228
Stddev	.00006	.009	.00008	.00012	.00007	.0035	.00041	.0405
%RSD	77.439	.02994	2.6248	9.8765	.49821	.12262	1.3762	.98138

#1	-.00009	29.418	.00300	.00118	.01355	2.8591	.02967	4.1687
#2	-.00013	29.404	.00314	.00110	.01344	2.8637	.03028	4.1079
#3	-.00001	29.401	.00300	.00134	.01342	2.8569	.02950	4.0920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00073	28.423	.01779	.08393	5.1573	.03855	.12306
Stddev	.00010	.00009	.144	.00030	.00018	.0241	.00018	.01410
%RSD	5.6906	12.382	.50732	1.7013	.21536	.46682	.47864	11.454

#1	.00167	-.00081	28.401	.01809	.08399	5.1527	.03841	.11672
#2	.00161	-.00075	28.577	.01781	.08407	5.1834	.03849	.13921
#3	.00180	-.00063	28.291	.01748	.08372	5.1359	.03876	.11325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2171	8.6158	-.00462	.10448	.00552	.0503	.52160	2.1497
Stddev	.0097	.0507	.00050	.00356	.00016	.0008	.00209	.0359
%RSD	.11836	.58839	10.811	3.4115	2.8246	1.638	.40043	1.6685

#1	8.2209	8.6317	-.00427	.10532	.00558	.0500	.52098	2.1363
#2	8.2061	8.5590	-.00441	.10754	.00534	.0498	.51989	2.1903
#3	8.2244	8.6566	-.00520	.10056	.00563	.0513	.52392	2.1224

Sample Name: K3104-04 Acquired: 5/31/2019 14:18:26 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93187
 Stddev .31323
 %RSD 33.613

#1 1.1476
 #2 1.0754
 #3 .57260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.5	46909.	4067.1	39.446	3783.3
Stddev	7.0	190.	16.6	1.651	10.4
%RSD	.19469	.40547	.40870	4.1854	.27444

#1	3579.2	46796.	4053.3	40.262	3772.0
#2	3593.1	46803.	4085.5	37.546	3785.6
#3	3587.2	47129.	4062.4	40.531	3792.3

Sample Name: PB120238BL Acquired: 5/31/2019 14:22:46 Type: Unk
Method: P4-ICP2(v3161) 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	-.00101	.00024	-.00122	-.00178	-.00174	.00197	.00009	.00005
Stddev	.00248	.00073	.00031	.00225	.00164	.00253	.00013	.00005
%RSD	245.57	304.30	25.436	127.01	94.323	128.20	150.06	114.24
#1	.00183	.00045	-.00105	-.00389	-.00052	.00417	.00017	.00008
#2	-.00213	-.00057	-.00104	-.00204	-.00109	.00253	.00016	-.00001
#3	-.00273	.00084	-.00158	.00060	-.00360	-.00079	-.00006	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00772	-.00018	.00003	-.00042	-.00013	.00008	.06180
Stddev	.00006	.00887	.00004	.00010	.00027	.00048	.00002	.07415
%RSD	110.59	114.87	24.000	354.26	63.987	381.43	19.065	119.98
#1	.00007	.00378	-.00019	.00015	-.00059	-.00067	.00007	.13313
#2	.00010	.00150	-.00022	-.00003	-.00011	.00018	.00010	.06714
#3	-.00001	.01787	-.00013	-.00003	-.00055	.00012	.00008	-.01487
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00020	.01438	-.00013	-.00032	-.04345	-.00022	-.00331
Stddev	.00007	.00023	.00768	.00020	.00006	.03248	.00018	.00701
%RSD	67.375	116.35	53.440	150.73	19.584	74.749	84.196	211.90
#1	-.00009	-.00043	.00670	-.00014	-.00025	-.00622	-.00001	.00257
#2	-.00017	-.00018	.02207	.00007	-.00032	-.06596	-.00027	-.01107
#3	-.00004	.00003	.01436	-.00032	-.00038	-.05817	-.00037	-.00143
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00389	-.00351	-.00342	.00151	-.00090	-.0009	.00000	F 1.1997
Stddev	.00279	.00222	.00004	.00143	.00054	.0008	.00003	.1407
%RSD	71.650	63.224	1.2654	94.508	60.694	96.78	1432.9	11.730
#1	-.00374	-.00274	-.00343	.00091	-.00128	.0001	.00002	1.2171
#2	-.00119	-.00178	-.00345	.00314	-.00027	-.0013	.00002	1.3308
#3	-.00676	-.00601	-.00337	.00048	-.00113	-.0014	-.00003	1.0510

Sample Name: PB120238BL Acquired: 5/31/2019 14:22:46 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .12398
Stddev	.35898
%RSD	289.55

#1	.29048
#2	-.28802
#3	.36948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.9	48718.	4132.5	40.887	4034.7
Stddev	1.6	148.	11.1	.970	17.5
%RSD	.04193	.30379	.26842	2.3735	.43343

#1	3741.7	48889.	4137.8	41.723	4014.9
#2	3744.6	48628.	4139.9	39.823	4041.2
#3	3742.2	48638.	4119.7	41.116	4047.9

Sample Name: PB120238BS Acquired: 5/31/2019 14:27:13 Type: Unk
Method: P4-ICP2(v3161) 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	.75957	1.9736	.97431	1.9469	.77157	1.9787	.20793
Stddev	.00361	.0066	.00088	.0027	.00316	.0169	.00104
%RSD	.47571	.33704	.08989	.14098	.40915	.85301	.49955

#1	.75949	1.9721	.97500	1.9487	.77293	1.9791	.20784
#2	.75601	1.9809	.97332	1.9484	.77382	1.9953	.20901
#3	.76323	1.9678	.97461	1.9438	.76796	1.9615	.20694

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19384	.19076	F 1.5487	.39308	.20219	.31993	3.0310
Stddev	.00077	.00009	.0085	.00033	.00073	.00089	.0007
%RSD	.39929	.04768	.55147	.08446	.36350	.27711	.02232

#1	.19339	.19079	1.5425	.39270	.20138	.31927	3.0316
#2	.19339	.19084	1.5452	.39324	.20234	.32093	3.0310
#3	.19473	.19066	1.5585	.39330	.20283	.31957	3.0302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21280	2.0496	.49943	.07166	3.1327	.31351	.18921
Stddev	.00045	.0525	.00043	.00070	.0144	.00144	.00022
%RSD	.21240	2.5626	.08655	.97853	.46062	.45897	.11484

#1	.21330	1.9930	.49897	.07239	3.1168	.31426	.18899
#2	.21242	2.0589	.49983	.07161	3.1450	.31442	.18942
#3	.21269	2.0968	.49948	.07099	3.1364	.31185	.18921

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9745	.41181	.29107	F -.00375	.91220	.65758	.20580
Stddev	.0323	.00083	.00926	.00157	.00349	.00113	.00372
%RSD	.32421	.20123	3.1810	41.957	.38238	.17232	1.8073

#1	9.9527	.41092	.29990	-.00327	.91623	.65760	.20150
#2	10.012	.41193	.29188	-.00247	.91026	.65643	.20795
#3	9.9592	.41257	.28143	-.00550	.91013	.65870	.20794

Sample Name: PB120238BS Acquired: 5/31/2019 14:27:13 Type: Unk
Method: P4-ICP2(v3161) 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	.21176	5.529	.20812	F 1.5414	F<.00000
Stddev	.00241	.010	.00086	.1459	.39739
%RSD	1.1403	.1820	.41367	9.4624	48.481
#1	.20916	5.527	.20751	1.6522	-.46442
#2	.21219	5.540	.20911	1.5958	-.74580
#3	.21393	5.520	.20775	1.3761	-1.2488
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.8	48174.	4061.5	39.581	3902.6
Stddev	6.9	84.	7.0	1.059	8.8
%RSD	.18872	.17370	.17347	2.6766	.22464
#1	3644.9	48238.	4069.5	40.770	3893.7
#2	3656.0	48079.	4056.5	38.739	3902.7
#3	3657.6	48204.	4058.4	39.234	3911.2

Sample Name: PB120239BL Acquired: 5/31/2019 14:31:19 Type: Unk
Method: P4-ICP2(v3161) 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	-.00042	.00063	-.00082	-.00006	-.00123	-.00417	.00075	.00008
Stddev	.00112	.00119	.00077	.00157	.00111	.00059	.00021	.00006
%RSD	268.28	190.39	94.095	2825.8	90.654	14.265	28.172	65.873
#1	-.00162	.00200	-.00164	.00062	-.00246	-.00348	.00081	.00003
#2	.00058	.00004	-.00070	.00106	-.00091	-.00450	.00092	.00008
#3	-.00021	-.00016	-.00012	-.00185	-.00031	-.00452	.00051	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00400	-.00033	.00006	-.00040	-.00055	.00001	.03889
Stddev	.00002	.01547	.00014	.00013	.00028	.00057	.00006	.04814
%RSD	875.54	387.14	40.432	222.32	70.107	103.71	375.37	123.78
#1	-.00001	.00479	-.00036	-.00005	-.00036	-.00103	-.00005	-.00000
#2	.00002	.00508	-.00019	.00003	-.00070	.00008	.00005	.02395
#3	-.00000	-.02186	-.00046	.00020	-.00014	-.00071	.00005	.09274
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00031	-.02041	-.00032	-.00043	-.02845	-.00016	.00046
Stddev	.00022	.00025	.00421	.00049	.00004	.01764	.00019	.01453
%RSD	257.13	82.927	20.634	153.93	10.201	61.994	118.72	3157.5
#1	.00033	-.00006	-.02101	-.00076	-.00044	-.01948	-.00003	.01677
#2	.00000	-.00029	-.01593	.00021	-.00047	-.04877	-.00007	-.00428
#3	-.00008	-.00057	-.02428	-.00040	-.00038	-.01710	-.00038	-.01111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00530	-.00348	-.00304	.00135	-.00152	-.0008	.00008	F 1.4915
Stddev	.00171	.00321	.00037	.00033	.00112	.0006	.00005	.2874
%RSD	32.235	92.161	12.241	24.646	73.842	74.68	57.764	19.268
#1	-.00416	-.00622	-.00261	.00168	-.00148	-.0009	.00013	1.1620
#2	-.00448	-.00427	-.00329	.00135	-.00042	-.0001	.00006	1.6907
#3	-.00727	.00005	-.00322	.00102	-.00266	-.0012	.00005	1.6217

Sample Name: PB120239BL Acquired: 5/31/2019 14:31:19 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .32919
Stddev	.41522
%RSD	126.14

#1	-.07021
#2	.75861
#3	.29917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.7	49355.	4020.2	38.482	4035.4
Stddev	6.2	89.	229.3	1.340	16.6
%RSD	.16398	.17972	5.7038	3.4812	.41197

#1	3745.7	49374.	4161.8	38.541	4023.0
#2	3756.9	49258.	4143.1	39.791	4029.0
#3	3755.6	49433.	3755.6	37.114	4054.3

Sample Name: PB120239BS Acquired: 5/31/2019 14:35:46 Type: Unk
Method: P4-ICP2(v3161) 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	.72556	1.9029	.93393	1.8645	.73806	1.8738	.19773
Stddev	.00240	.0030	.00096	.0010	.00201	.0047	.00079
%RSD	.33097	.15884	.10297	.05438	.27286	.24992	.40193

#1	.72831	1.9026	.93349	1.8656	.73724	1.8790	.19796
#2	.72387	1.9001	.93326	1.8638	.74035	1.8700	.19685
#3	.72450	1.9061	.93503	1.8640	.73658	1.8723	.19838

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18711	.18423	F 1.4836	.37320	.19319	.30521	2.8874
Stddev	.00051	.00052	.0126	.00087	.00061	.00076	.0107
%RSD	.27124	.28234	.85138	.23347	.31691	.24995	.36871

#1	.18770	.18376	1.4787	.37237	.19381	.30606	2.8995
#2	.18677	.18413	1.4979	.37411	.19319	.30499	2.8798
#3	.18687	.18479	1.4741	.37311	.19258	.30459	2.8827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20264	1.9418	.47630	.06868	2.9710	.29885	.18160
Stddev	.00044	.0315	.00123	.00056	.0163	.00101	.00044
%RSD	.21499	1.6236	.25800	.81143	.54958	.33745	.24404

#1	.20276	1.9543	.47763	.06914	2.9616	.29991	.18125
#2	.20216	1.9651	.47609	.06885	2.9615	.29874	.18145
#3	.20301	1.9059	.47520	.06806	2.9899	.29790	.18210

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5038	.38997	.27556	F -.00629	.86660	.63355	.19641
Stddev	.0238	.00195	.01438	.00252	.00739	.00192	.00263
%RSD	.25071	.49936	5.2185	40.166	.85221	.30310	1.3375

#1	9.5036	.39162	.26171	-.00337	.87075	.63351	.19715
#2	9.5277	.39045	.27454	-.00782	.87097	.63165	.19349
#3	9.4800	.38782	.29042	-.00766	.85807	.63549	.19859

Sample Name: PB120239BS Acquired: 5/31/2019 14:35:46 Type: Unk
Method: P4-ICP2(v3161) 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	.19931	5.326	.19803	F 1.6990	F<.00000
Stddev	.00236	.007	.00067	.1187	.50854
%RSD	1.1866	.1307	.33933	6.9866	59.347
#1	.19731	5.322	.19770	1.7370	-1.2489
#2	.20192	5.322	.19881	1.5660	-1.0394
#3	.19869	5.334	.19760	1.7941	-.28227
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.3	48635.	4090.8	39.255	3937.6
Stddev	21.1	105.	19.0	1.033	14.3
%RSD	.57067	.21637	.46333	2.6321	.36399
#1	3682.2	48514.	4089.9	40.432	3922.9
#2	3703.2	48707.	4072.4	38.839	3938.4
#3	3724.5	48685.	4110.3	38.495	3951.6

Sample Name: K3104-10 Acquired: 5/31/2019 14:39:54 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-251-688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06010	.00630	.89749	-.01483	.00804	130.75	.50492	.01022
Stddev	.00078	.00029	.00238	.00276	.00193	.75	.00147	.00038
%RSD	1.3024	4.6189	.26501	18.636	23.974	.57170	.29102	3.7525

#1	.06090	.00597	.90020	-.01188	.00700	130.20	.50425	.01002
#2	.05933	.00653	.89649	-.01736	.00686	130.45	.50392	.00997
#3	.06007	.00641	.89576	-.01524	.01027	131.60	.50661	.01066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00433	46.068	.17864	.08869	.82009	132.12	1.6304	31.003
Stddev	.00014	.036	.00076	.00031	.00078	.36	.0011	.075
%RSD	3.2172	.07897	.42724	.35463	.09509	.27287	.06644	.24306

#1	.00449	46.040	.17796	.08852	.82002	131.75	1.6302	30.987
#2	.00422	46.109	.17850	.08905	.81934	132.47	1.6294	30.937
#3	.00429	46.055	.17946	.08850	.82090	132.12	1.6315	31.085

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18437	-.01992	2.4288	.32222	2.0891	5.8943	.00414	-.05758
Stddev	.00060	.00023	.0160	.00145	.0086	.0609	.00040	.00618
%RSD	.32701	1.1512	.65958	.44878	.41143	1.0330	9.6425	10.742

#1	.18506	-.01980	2.4292	.32083	2.0939	5.9402	.00436	-.05448
#2	.18394	-.02019	2.4126	.32212	2.0942	5.8252	.00368	-.05355
#3	.18411	-.01978	2.4446	.32372	2.0792	5.9175	.00439	-.06470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5172	5.7815	.03757	1.0786	.08539	5.901	.03805	<.00000
Stddev	.0031	.0805	.00060	.0082	.00142	.006	.00086	.15990
%RSD	.12404	1.3930	1.6031	.76170	1.6603	.1033	2.2698	15.622

#1	2.5207	5.7820	.03770	1.0810	.08401	5.907	.03889	-1.1959
#2	2.5164	5.8617	.03810	1.0694	.08684	5.895	.03809	-.88007
#3	2.5146	5.7007	.03691	1.0853	.08533	5.902	.03717	-.99471

Sample Name: K3104-10 Acquired: 5/31/2019 14:39:54 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-251-688 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 61.753
 Stddev .128
 %RSD .20665

#1 61.701
 #2 61.660
 #3 61.899

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.7	53244.	4827.9	40.646	3624.9
Stddev	15.7	120.	24.7	.626	10.2
%RSD	.38884	.22476	.51109	1.5413	.28064

#1	4041.5	53370.	4823.9	41.076	3621.4
#2	4039.7	53231.	4805.4	39.927	3616.9
#3	4067.8	53132.	4854.3	40.934	3636.3

Sample Name: CCV03 Acquired: 5/31/2019 14:44:20 Type: Unk
Method: P4-ICP2(v3161) 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	4.7829	4.8245	4.7554	4.8627	4.8468	9.4880	9.6968	.24431
Stddev	.0147	.0046	.0062	.0146	.0112	.1031	.0297	.00025
%RSD	.30808	.09599	.13125	.29970	.23071	1.0867	.30643	.10399
#1	4.7715	4.8205	4.7533	4.8706	4.8513	9.3738	9.6798	.24456
#2	4.7995	4.8234	4.7505	4.8716	4.8549	9.5162	9.6795	.24405
#3	4.7777	4.8296	4.7625	4.8458	4.8340	9.5741	9.7311	.24432
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3780	23.684	.94530	2.3984	1.2129	4.7462	2.4366	23.790
Stddev	.0019	.078	.00199	.0021	.0045	.0024	.0018	.335
%RSD	.08155	.32789	.21101	.08744	.36730	.05062	.07246	1.4064
#1	2.3801	23.603	.94308	2.3962	1.2142	4.7473	2.4372	23.404
#2	2.3775	23.691	.94586	2.4003	1.2166	4.7478	2.4379	24.008
#3	2.3763	23.758	.94695	2.3988	1.2080	4.7434	2.4346	23.956
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3703	1.1921	24.285	2.3807	2.3924	23.364	4.7801	4.6864
Stddev	.0012	.0015	.083	.0029	.0007	.098	.0126	.0306
%RSD	.05242	.12618	.34252	.12168	.02794	.41922	.26383	.65198
#1	2.3717	1.1924	24.210	2.3833	2.3920	23.327	4.7870	4.6541
#2	2.3697	1.1905	24.270	2.3775	2.3921	23.291	4.7877	4.7148
#3	2.3695	1.1935	24.374	2.3812	2.3932	23.476	4.7655	4.6902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7650	4.5683	4.7060	4.7224	4.6632	4.919	4.8243	F 3.2910
Stddev	.0082	.0201	.0051	.0321	.0217	.006	.0300	.0714
%RSD	.17146	.43917	.10888	.68085	.46650	.1232	.62138	2.1693
#1	4.7741	4.5781	4.7001	4.7009	4.6668	4.919	4.8260	3.3021
#2	4.7624	4.5453	4.7086	4.7069	4.6398	4.913	4.7935	3.3562
#3	4.7584	4.5816	4.7093	4.7593	4.6829	4.925	4.8534	3.2147

Sample Name: CCV03 Acquired: 5/31/2019 14:44:20 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1447
 Stddev .3713
 %RSD 17.312

#1 2.4690
 #2 2.2254
 #3 1.7397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.2	46620.	4119.5	38.921	3573.1
Stddev	10.0	68.	13.1	.554	2.4
%RSD	.28015	.14607	.31762	1.4241	.06709

#1	3572.3	46691.	4113.3	39.347	3573.8
#2	3565.2	46613.	4134.5	39.122	3570.4
#3	3585.0	46555.	4110.7	38.294	3575.0

Sample Name: CCB03 Acquired: 5/31/2019 14:48:21 Type: Unk
Method: P4-ICP2(v3161) 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	-.00250	.00062	-.00103	-.00192	-.00113	.00415	.00054	.00005
Stddev	.00101	.00039	.00087	.00084	.00050	.00184	.00011	.00003
%RSD	40.296	63.550	83.779	43.833	44.520	44.261	21.261	64.543
#1	-.00290	.00060	-.00202	-.00109	-.00055	.00214	.00057	.00003
#2	-.00135	.00102	-.00039	-.00277	-.00147	.00574	.00064	.00003
#3	-.00324	.00024	-.00070	-.00189	-.00137	.00458	.00041	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01059	-.00031	.00001	-.00047	.00056	.00001	.03513
Stddev	.00001	.00562	.00037	.00019	.00006	.00016	.00000	.00574
%RSD	15.819	53.044	118.54	2854.1	13.327	29.644	21.804	16.333
#1	.00007	-.01654	-.00065	.00023	-.00054	.00064	.00001	.04066
#2	.00009	-.00537	-.00037	-.00010	-.00042	.00037	.00001	.03553
#3	.00007	-.00987	.00008	-.00010	-.00044	.00067	.00001	.02920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00012	-.03315	.00004	-.00037	-.04564	.00058	-.00879
Stddev	.00019	.00046	.00319	.00011	.00005	.02909	.00023	.00913
%RSD	97.589	375.53	9.6319	301.70	13.991	63.733	38.891	103.87
#1	-.00000	-.00026	-.03501	-.00009	-.00036	-.04637	.00078	-.00215
#2	-.00020	-.00001	-.03498	.00007	-.00033	-.07436	.00034	-.00501
#3	-.00039	.00063	-.02947	.00013	-.00043	-.01620	.00062	-.01919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00545	-.00428	-.00266	.00139	-.00026	-.0010	.00012	F 1.8945
Stddev	.00154	.00158	.00103	.00199	.00209	.0006	.00005	.0450
%RSD	28.318	36.830	38.737	143.57	794.14	58.98	41.929	2.3756
#1	-.00711	-.00336	-.00157	.00247	-.00265	-.0004	.00013	1.8816
#2	-.00519	-.00338	-.00361	-.00091	.00126	-.0016	.00016	1.8574
#3	-.00406	-.00610	-.00280	.00260	.00060	-.0012	.00006	1.9446

Sample Name: CCB03 Acquired: 5/31/2019 14:48:21 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .02419
Stddev	.45542
%RSD	1882.8

#1	.01028
#2	-.42412
#3	.48641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3739.4	49071.	4175.6	42.077	4033.7
Stddev	5.4	130.	24.6	.650	3.7
%RSD	.14359	.26429	.58899	1.5437	.09250

#1	3739.3	49086.	4165.6	42.457	4030.3
#2	3734.1	49192.	4157.5	41.327	4033.1
#3	3744.8	48934.	4203.6	42.448	4037.7

Sample Name: LR CHECK 1 Acquired: 5/31/2019 14:52:41 Type: Unk
Method: P4-ICP2(v3161) 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	-.18775	.06683	-.02724	-.68493	.10240	1966.2	.01704	.09866
Stddev	.00609	.00118	.00228	.00556	.00677	13.7	.00058	.00061
%RSD	3.2450	1.7646	8.3779	.81217	6.6157	.69738	3.3938	.61358

#1	-.19447	.06556	-.02543	-.68501	.09583	1966.5	.01652	.09838
#2	-.18260	.06788	-.02980	-.69045	.10201	1952.4	.01766	.09824
#3	-.18617	.06706	-.02649	-.67932	.10936	1979.8	.01695	.09935

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15808	1761.4	-.09409	.11398	.40503	878.29	-.01366	1858.4
Stddev	.00065	9.3	.00068	.00083	.00229	3.70	.00068	6.5
%RSD	.40910	.52687	.72093	.72942	.56491	.42127	4.9806	.35082

#1	.15883	1770.6	-.09415	.11305	.40425	876.41	-.01400	1865.2
#2	.15774	1752.1	-.09338	.11466	.40761	875.92	-.01410	1858.0
#3	.15767	1761.4	-.09473	.11421	.40324	882.56	-.01287	1852.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12446	-.40933	1954.8	.02171	.32975	1051.3	-.02090	-3.0037
Stddev	.00167	.00040	19.8	.00017	.00185	4.7	.00100	.0231
%RSD	1.3409	.09766	1.0113	.79404	.55973	.44498	4.7679	.76944

#1	.12568	-.40891	1977.2	.02181	.32981	1053.4	-.02052	-3.0247
#2	.12514	-.40936	1939.8	.02152	.33156	1045.9	-.02203	-3.0074
#3	.12256	-.40971	1947.3	.02182	.32787	1054.4	-.02015	-2.9790

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27610	.02584	.09122	-.06727	.07444	.1616	-.95192	<.00000
Stddev	.00453	.00132	.00241	.00176	.00079	.0067	.00406	.12395
%RSD	1.6423	5.0966	2.6437	2.6226	1.0603	4.146	.42617	2.0498

#1	.27141	.02478	.08917	-.06546	.07456	.1635	-.94977	-6.1629
#2	.28046	.02732	.09388	-.06898	.07360	.1672	-.94938	-6.0606
#3	.27643	.02543	.09062	-.06738	.07517	.1542	-.95659	-5.9162

Sample Name: LR CHECK 1 Acquired: 5/31/2019 14:52:41 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.3	31808.	3482.2	31.523	1844.9
Stddev	6.1	80.	24.6	2.701	6.1
%RSD	.25176	.25116	.70715	8.5674	.33248

#1	2410.7	31722.	3477.2	31.338	1838.9
#2	2418.4	31824.	3509.0	34.311	1851.2
#3	2422.8	31879.	3460.5	28.919	1844.7

Sample Name: LR CHECK 2 Acquired: 5/31/2019 14:57:43 Type: Unk

Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8264 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00797	-.01079	225.39	.02293	-.03035	-.20384	90.048	-.00140
Stddev	.00222	.00099	1.11	.00125	.00176	.00327	.100	.00007
%RSD	27.812	9.1423	.49326	5.4664	5.7896	1.6053	.11082	5.3006

#1	-.00933	-.01057	225.02	.02163	-.03237	-.20612	89.957	-.00148
#2	-.00917	-.00993	224.50	.02413	-.02948	-.20009	90.155	-.00139
#3	-.00541	-.01187	226.63	.02302	-.02919	-.20530	90.033	-.00133

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00542	.95008	-.13325	.00248	250.64	-.48978	47.476	-.01150
Stddev	.00013	.01457	.00057	.00036	.87	.01009	.339	.01604
%RSD	2.3145	1.5337	.42440	14.547	.34863	2.0593	.71457	139.46

#1	-.00541	.93347	-.13337	.00210	251.13	-.47839	47.849	-.02631
#2	-.00530	.96072	-.13264	.00282	251.15	-.49339	47.185	.00554
#3	-.00555	.95605	-.13375	.00253	249.63	-.49757	47.396	-.01373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.570	.00606	.53836	-.18250	32.585	.70393	-.00528	-.00624
Stddev	.068	.00055	.00751	.00049	.130	.01808	.00056	.00885
%RSD	.14697	9.0158	1.3944	.26873	.40047	2.5681	10.622	141.79

#1	46.548	.00655	.53613	-.18251	32.721	.68716	-.00530	-.01615
#2	46.515	.00618	.53221	-.18298	32.461	.70155	-.00583	.00087
#3	46.646	.00547	.54672	-.18200	32.573	.72308	-.00471	-.00344

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02157	-.00335	-.00105	.00877	-.00471	-2.584	.00213	2.6852
Stddev	.00394	.00073	.00006	.00088	.00132	.023	.00005	.1687
%RSD	18.247	21.897	5.3056	10.034	28.021	.8758	2.1616	6.2840

#1	-.02094	-.00335	-.00112	.00971	-.00600	-2.610	.00215	2.5928
#2	-.01799	-.00262	-.00101	.00861	-.00478	-2.574	.00208	2.5829
#3	-.02579	-.00409	-.00103	.00798	-.00336	-2.568	.00217	2.8800

Sample Name: LR CHECK 2 Acquired: 5/31/2019 14:57:43 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8264 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1740
 Stddev .5924
 %RSD 50.460

#1 .63401
 #2 1.0804
 #3 1.8077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.2	48387.	4208.3	39.636	3693.8
Stddev	5.5	104.	21.7	1.125	13.7
%RSD	.15986	.21479	.51459	2.8391	.36986

#1	3444.5	48482.	4232.7	38.359	3697.3
#2	3435.5	48402.	4200.7	40.068	3705.4
#3	3434.5	48276.	4191.5	40.482	3678.7

Sample Name: K3108-01 Acquired: 5/31/2019 15:02:18 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04322	.00027	.37569	-.02859	.00591	128.85	.91425	.01774
Stddev	.00181	.00107	.00098	.00182	.00064	.71	.00512	.00020
%RSD	4.1931	401.23	.26039	6.3515	10.840	.55048	.56036	1.1260

#1	.04239	.00075	.37618	-.03015	.00626	128.28	.90861	.01755
#2	.04198	.00101	.37456	-.02902	.00630	128.63	.91552	.01773
#3	.04530	-.00096	.37632	-.02660	.00517	129.64	.91862	.01795

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00678	44.460	.22678	.16845	.45911	155.61	4.8007	73.081
Stddev	.00013	.195	.00106	.00034	.00394	.30	.0233	.652
%RSD	1.9087	.43803	.46758	.20320	.85872	.19145	.48457	.89214

#1	.00674	44.236	.22722	.16878	.45459	155.28	4.8112	72.359
#2	.00667	44.561	.22558	.16810	.46091	155.67	4.8167	73.628
#3	.00692	44.584	.22756	.16848	.46183	155.87	4.7740	73.257

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1875	-.03220	1.4434	.31197	1.1661	11.327	.00247	-.10937
Stddev	.0013	.00038	.0131	.00181	.0069	.077	.00014	.00645
%RSD	.10725	1.1853	.90415	.57994	.59354	.67787	5.4903	5.8931

#1	1.1870	-.03258	1.4330	.31404	1.1741	11.287	.00260	-.10273
#2	1.1865	-.03182	1.4391	.31070	1.1620	11.279	.00249	-.10980
#3	1.1889	-.03220	1.4580	.31116	1.1622	11.416	.00233	-.11560

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0122	4.4063	.02243	2.1244	.18834	5.409	-.04799	<.00000
Stddev	.0036	.0091	.00008	.0118	.00153	.004	.00016	.13793
%RSD	.35501	.20640	.37644	.55469	.81113	.0740	.33905	4.1517

#1	1.0108	4.3992	.02253	2.1174	.18808	5.412	-.04787	-3.1663
#2	1.0163	4.4165	.02240	2.1178	.18697	5.404	-.04793	-3.3720
#3	1.0096	4.4031	.02237	2.1380	.18999	5.409	-.04817	-3.4283

Sample Name: K3108-01 Acquired: 5/31/2019 15:02:18 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-010 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	82.001
Stddev	.873
%RSD	1.0649

#1	82.118
#2	82.810
#3	81.075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4313.5	56626.	5141.8	38.812	3530.0
Stddev	5.9	151.	9.5	1.169	21.3
%RSD	.13680	.26641	.18504	3.0108	.60453

#1	4313.9	56493.	5135.0	40.160	3505.7
#2	4319.2	56790.	5137.9	38.076	3546.0
#3	4307.4	56597.	5152.7	38.201	3538.1

Sample Name: K3124-05 Acquired: 5/31/2019 15:06:52 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02290	-.00157	.06071	-.02439	.00640	144.90	.28444	.01320
Stddev	.00493	.00075	.00037	.00137	.00022	.80	.00200	.00031
%RSD	21.518	48.102	.61737	5.6020	3.4193	.55373	.70248	2.3462

#1	.02165	-.00217	.06041	-.02293	.00624	145.49	.28674	.01290
#2	.01872	-.00180	.06058	-.02564	.00631	143.99	.28313	.01352
#3	.02833	-.00072	.06113	-.02460	.00665	145.23	.28344	.01319

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	32.200	.16302	.08413	.23408	148.45	1.7929	31.493
Stddev	.00009	.029	.00087	.00029	.00015	.29	.0017	.159
%RSD	8.3481	.08994	.53583	.34408	.06273	.19773	.09534	.50567

#1	.00112	32.223	.16364	.08428	.23424	148.57	1.7948	31.413
#2	.00096	32.167	.16339	.08380	.23401	148.12	1.7915	31.389
#3	.00099	32.208	.16202	.08432	.23398	148.67	1.7924	31.676

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14264	-.02832	6.6010	.34086	.45448	5.5539	-.00052	-.10996
Stddev	.00126	.00026	.0604	.00339	.00447	.0722	.00032	.02349
%RSD	.88532	.93208	.91576	.99368	.98276	1.3007	62.486	21.360

#1	.14300	-.02811	6.5964	.34277	.45241	5.4933	-.00016	-.12078
#2	.14123	-.02862	6.6636	.34287	.45142	5.5347	-.00078	-.12608
#3	.14368	-.02824	6.5430	.33695	.45961	5.6339	-.00062	-.08301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23822	5.7052	.00973	2.5480	.12390	5.019	-.08717	<.00000
Stddev	.00183	.0136	.00076	.0136	.00119	.040	.00051	.07910
%RSD	.76929	.23872	7.7751	.53429	.95933	.7973	.58482	4.8105

#1	.23654	5.6969	.00921	2.5327	.12465	5.006	-.08769	-1.6262
#2	.23795	5.6978	.00938	2.5522	.12453	4.987	-.08668	-1.7309
#3	.24018	5.7209	.01060	2.5589	.12253	5.064	-.08715	-1.5759

Sample Name: K3124-05 Acquired: 5/31/2019 15:06:52 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 69.127
 Stddev .292
 %RSD .42184

#1 69.015
 #2 69.458
 #3 68.907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.5	51508.	4721.6	41.884	3671.3
Stddev	12.0	203.	19.9	1.421	39.3
%RSD	.30181	.39327	.42149	3.3934	1.0704

#1	3965.1	51287.	4704.7	42.003	3689.8
#2	3973.0	51684.	4716.5	40.406	3697.9
#3	3949.5	51554.	4743.5	43.241	3626.2

Sample Name: K3124-09 Acquired: 5/31/2019 15:11:19 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	.00089	.01667	-.00181	.00126	43.388	.12569	.00483
Stddev	.00147	.00015	.00101	.00048	.00047	.323	.00115	.00017
%RSD	14.729	17.381	6.0462	26.531	37.102	.74544	.91447	3.5675

#1	.01095	.00098	.01605	-.00195	.00169	43.129	.12442	.00488
#2	.01066	.00098	.01613	-.00221	.00134	43.284	.12600	.00464
#3	.00828	.00071	.01783	-.00128	.00076	43.751	.12665	.00497

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	16.045	.03376	.03108	.07940	73.429	1.5684	11.295
Stddev	.00007	.101	.00029	.00015	.00069	.449	.0114	.160
%RSD	3.3349	.62901	.86563	.49076	.87434	.61156	.72937	1.4195

#1	-.00210	15.987	.03343	.03095	.07892	73.163	1.5614	11.129
#2	-.00201	15.986	.03393	.03125	.08020	73.176	1.5622	11.307
#3	-.00214	16.162	.03394	.03103	.07910	73.947	1.5816	11.449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05886	-.00849	2.4537	.09174	.20282	2.6590	.00014	-.01645
Stddev	.00045	.00028	.0309	.00076	.00038	.0110	.00023	.01033
%RSD	.76191	3.3254	1.2582	.82986	.18659	.41386	168.57	62.749

#1	.05866	-.00822	2.4264	.09109	.20262	2.6637	.00016	-.02762
#2	.05937	-.00878	2.4475	.09157	.20326	2.6668	.00035	-.01450
#3	.05854	-.00846	2.4872	.09258	.20259	2.6464	-.00010	-.00725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19407	2.7243	.00037	1.0230	.04038	2.320	-.05308	.21300
Stddev	.00249	.0272	.00031	.0029	.00127	.003	.00037	.19208
%RSD	1.2814	.99903	85.982	.28490	3.1514	.1075	.68878	90.178

#1	.19453	2.7510	.00066	1.0233	.04053	2.319	-.05294	.11716
#2	.19139	2.6966	.00041	1.0199	.03905	2.322	-.05281	.08770
#3	.19630	2.7253	.00003	1.0257	.04158	2.318	-.05350	.43413

Sample Name: K3124-09 Acquired: 5/31/2019 15:11:19 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-D Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	27.023
Stddev	.591
%RSD	2.1864

#1	27.255
#2	27.462
#3	26.351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.4	51950.	4578.7	41.283	3902.6
Stddev	15.7	345.	38.7	.431	25.2
%RSD	.39416	.66505	.84503	1.0441	.64553

#1	4004.7	52161.	4563.7	41.567	3899.4
#2	3973.9	52138.	4622.6	41.496	3929.2
#3	3983.7	51552.	4549.7	40.787	3879.2

Sample Name: K3124-09DUP Acquired: 5/31/2019 15:15:43 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00876	.00102	.01708	-.00254	.00162	43.244	.12583	.00470
Stddev	.00011	.00181	.00070	.00128	.00062	.249	.00113	.00020
%RSD	1.2034	178.30	4.1079	50.480	38.035	.57504	.89864	4.1589

#1	.00887	.00033	.01727	-.00168	.00112	43.038	.12576	.00489
#2	.00866	.00307	.01766	-.00402	.00144	43.520	.12700	.00471
#3	.00875	-.00035	.01630	-.00193	.00231	43.175	.12474	.00450

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	15.989	.03417	.03089	.07865	73.101	1.5568	11.200
Stddev	.00011	.049	.00156	.00011	.00032	.244	.0012	.207
%RSD	5.2227	.30918	4.5594	.34316	.40106	.33389	.07771	1.8462

#1	-.00214	16.046	.03312	.03083	.07898	73.382	1.5554	11.012
#2	-.00193	15.964	.03596	.03101	.07836	72.971	1.5576	11.422
#3	-.00209	15.957	.03343	.03083	.07861	72.949	1.5574	11.167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05890	-.00839	2.4366	.09027	.20347	2.6659	.00019	-.01709
Stddev	.00048	.00034	.0157	.00060	.00019	.0323	.00010	.01341
%RSD	.82187	4.0971	.64604	.66594	.09546	1.2133	50.254	78.457

#1	.05836	-.00822	2.4306	.09040	.20351	2.6529	.00008	-.01259
#2	.05929	-.00817	2.4544	.08962	.20326	2.7028	.00027	-.03216
#3	.05904	-.00879	2.4247	.09080	.20364	2.6422	.00023	-.00651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19725	2.6427	.00082	1.0239	.03977	2.323	-.05267	.16545
Stddev	.00396	.0723	.00040	.0014	.00219	.003	.00030	.04099
%RSD	2.0093	2.7347	48.875	.13718	5.4956	.1421	.57550	24.777

#1	.19641	2.6426	.00119	1.0255	.03915	2.324	-.05301	.12932
#2	.19378	2.5704	.00087	1.0235	.03796	2.319	-.05254	.15703
#3	.20157	2.7150	.00039	1.0228	.04220	2.325	-.05244	.21000

Sample Name: K3124-09DUP Acquired: 5/31/2019 15:15:43 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25-DDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.847
Stddev	.258
%RSD	.96157

#1	26.860
#2	26.583
#3	27.098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.0	52171.	4596.6	41.461	3886.7
Stddev	6.5	84.	28.5	.816	6.4
%RSD	.16277	.16174	.61940	1.9688	.16593

#1	3994.0	52088.	4573.9	40.602	3879.9
#2	4006.4	52168.	4628.5	41.556	3892.7
#3	3996.8	52257.	4587.3	42.226	3887.4

Sample Name: K3124-09LX5 Acquired: 5/31/2019 15:20:08 Type: Unk
Method: P4-ICP2(v3161) 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	.00035	.00095	.00381	-.00179	-.00276	8.8109	.02646	.00098
Stddev	.00139	.00177	.00065	.00119	.00096	.0828	.00033	.00011
%RSD	403.57	185.24	16.967	66.483	34.767	.93918	1.2452	11.148

#1	-.00123	-.00096	.00443	-.00238	-.00169	8.7229	.02681	.00097
#2	.00141	.00131	.00386	-.00042	-.00355	8.8228	.02615	.00110
#3	.00086	.00251	.00314	-.00256	-.00305	8.8871	.02642	.00088

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	3.8628	.00539	.00626	.01616	18.353	.32609	2.3378
Stddev	.00008	.0014	.00034	.00007	.00019	.005	.00041	.0709
%RSD	9.8071	.03605	6.2981	1.1689	1.1789	.02707	.12533	3.0336

#1	-.00079	3.8620	.00549	.00618	.01596	18.358	.32656	2.3612
#2	-.00089	3.8620	.00567	.00628	.01616	18.353	.32587	2.2581
#3	-.00074	3.8644	.00501	.00632	.01634	18.348	.32584	2.3940

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01207	-.00136	.53576	.01899	.04088	.64856	-.00027	-.00116
Stddev	.00016	.00041	.01496	.00024	.00005	.02658	.00008	.00884
%RSD	1.3536	29.876	2.7915	1.2740	.11743	4.0991	27.843	758.82

#1	.01203	-.00124	.52317	.01898	.04088	.66556	-.00030	-.00735
#2	.01193	-.00104	.53183	.01924	.04084	.61792	-.00019	-.00510
#3	.01225	-.00182	.55229	.01875	.04093	.66220	-.00034	.00896

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03626	.60601	-.00234	.21696	.00729	.4556	-.01420	1.6474
Stddev	.00341	.01057	.00025	.00351	.00123	.0003	.00008	.1857
%RSD	9.3901	1.7440	10.508	1.6190	16.808	.0555	.56594	11.274

#1	.03945	.59381	-.00262	.21548	.00590	.4556	-.01426	1.8515
#2	.03666	.61239	-.00221	.21443	.00777	.4554	-.01422	1.4882
#3	.03267	.61183	-.00218	.22097	.00821	.4559	-.01411	1.6026

Sample Name: K3124-09LX5 Acquired: 5/31/2019 15:20:08 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7695
Stddev .1038
%RSD 1.7982

#1 5.6734
#2 5.7556
#3 5.8795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.6	50337.	4322.7	41.465	4013.0
Stddev	8.3	74.	26.0	.547	10.8
%RSD	.21490	.14623	.60178	1.3186	.26852

#1	3838.1	50252.	4293.9	41.880	4007.2
#2	3851.3	50387.	4329.8	40.845	4025.5
#3	3853.4	50372.	4344.4	41.670	4006.4

Sample Name: K3124-09MS Acquired: 5/31/2019 15:24:31 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-DMS 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	.68470	1.8541	.93304	1.7157	.32574	43.814	.29156	.17890	.17890
Stddev	.00580	.0016	.00138	.0050	.00330	.212	.00172	.00025	.00032
%RSD	.84714	.08783	.14749	.29289	1.0133	.48464	.58918	.14087	.17798
#1	.68083	1.8522	.93174	1.7183	.32249	43.570	.29051	.17915	.17853
#2	.68191	1.8554	.93290	1.7099	.32565	43.919	.29064	.17890	.17906
#3	.69137	1.8545	.93448	1.7189	.32909	43.954	.29355	.17865	.17910
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.140	.36620	.21840	.35185	66.460	1.5299	12.385	.52279	.05576
Stddev	.034	.00084	.00030	.00160	.133	.0007	.096	.00103	.00033
%RSD	.21359	.22937	.13525	.45589	.20065	.04454	.77683	.19662	.58993
#1	16.133	.36657	.21819	.35156	66.461	1.5304	12.310	.52272	.05558
#2	16.110	.36679	.21828	.35041	66.326	1.5291	12.352	.52180	.05614
#3	16.177	.36524	.21874	.35358	66.592	1.5302	12.494	.52385	.05556
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	4.9450	.34272	.35575	10.909	.34171	.22225	.14529	3.6053	.61630
Stddev	.0476	.00062	.00039	.105	.00180	.01029	.00349	.0630	.00063
%RSD	.96203	.18223	.10926	.95840	.52718	4.6301	2.3988	1.7487	.10296
#1	4.9125	.34255	.35537	10.834	.34024	.21557	.14318	3.6463	.61590
#2	4.9230	.34341	.35573	10.864	.34118	.23410	.14339	3.6369	.61595
#3	4.9996	.34219	.35615	11.028	.34372	.21708	.14931	3.5327	.61703
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.2534	.21528	7.901	.13122	.62547	22.977			
Stddev	.0085	.00080	.019	.00161	.10675	.124			
%RSD	.67510	.37336	.2352	1.2247	17.066	.54083			
#1	1.2591	.21456	7.897	.13185	.52843	22.833			
#2	1.2575	.21615	7.885	.13241	.60817	23.046			
#3	1.2437	.21513	7.921	.12939	.73981	23.050			

Sample Name: K3124-09MS Acquired: 5/31/2019 15:24:31 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-DMS 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	3974.7	52167.	4539.2	41.297	3832.9
Stddev	10.5	52.	39.9	1.913	5.0
%RSD	.26515	.09882	.87941	4.6329	.13068
#1	3982.1	52175.	4513.9	40.745	3838.0
#2	3979.3	52215.	4518.6	39.719	3832.6
#3	3962.6	52112.	4585.2	43.425	3828.0

Sample Name: K3124-09MSD Acquired: 5/31/2019 15:28:44 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68367	1.8489	.93280	1.7218	.32492	44.309	.29528	.17937
Stddev	.00250	.0088	.00198	.0018	.00320	.456	.00220	.00017
%RSD	.36617	.47807	.21256	.10194	.98583	1.0287	.74499	.09326

#1	.68166	1.8507	.93132	1.7199	.32299	43.789	.29379	.17919
#2	.68647	1.8566	.93505	1.7222	.32315	44.497	.29425	.17941
#3	.68287	1.8392	.93203	1.7234	.32861	44.641	.29781	.17952

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17906	16.088	.36902	.21886	.35313	66.518	1.5387	12.344
Stddev	.00034	.024	.00150	.00058	.00111	.062	.0036	.137
%RSD	.19143	.14821	.40769	.26554	.31492	.09381	.23114	1.1132

#1	.17945	16.078	.36735	.21930	.35205	66.469	1.5359	12.188
#2	.17890	16.115	.36944	.21909	.35306	66.588	1.5427	12.398
#3	.17882	16.070	.37027	.21820	.35427	66.497	1.5375	12.447

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52280	.05618	4.9646	.34301	.35623	11.011	.34279	.22570
Stddev	.00020	.00031	.0325	.00051	.00066	.061	.00087	.00483
%RSD	.03882	.54735	.65366	.14756	.18527	.55165	.25407	2.1398

#1	.52278	.05583	4.9343	.34296	.35643	10.954	.34242	.22138
#2	.52261	.05633	4.9605	.34354	.35676	11.004	.34215	.23092
#3	.52301	.05638	4.9988	.34253	.35549	11.075	.34378	.22480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14545	3.5925	.61485	1.2309	.21731	7.898	.13229	<.00000
Stddev	.00270	.0595	.00199	.0059	.00036	.010	.00057	.09875
%RSD	1.8556	1.6571	.32418	.48063	.16539	.1257	.43178	74.932

#1	.14325	3.6346	.61710	1.2378	.21699	7.907	.13221	-.04609
#2	.14465	3.6186	.61415	1.2277	.21724	7.900	.13289	-.23978
#3	.14846	3.5244	.61329	1.2273	.21770	7.888	.13176	-.10949

Sample Name: K3124-09MSD Acquired: 5/31/2019 15:28:44 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-DMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.194
Stddev	.564
%RSD	2.5403

#1	22.038
#2	22.820
#3	21.725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.7	51910.	4537.6	40.899	3842.7
Stddev	6.8	20.	36.5	2.039	3.1
%RSD	.17208	.03789	.80522	4.9852	.08061

#1	3975.9	51903.	4500.2	39.137	3839.2
#2	3973.3	51894.	4539.2	43.132	3844.0
#3	3963.0	51932.	4573.3	40.429	3845.0

Sample Name: K3124-09A Acquired: 5/31/2019 15:32:57 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8268 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	.68560	1.8452	.92924	1.7164	.32649	44.125	.29596	.17824	.17879
Stddev	.00044	.0042	.00215	.0080	.00246	.287	.00238	.00048	.00060
%RSD	.06404	.23002	.23133	.46643	.75499	.64954	.80301	.26691	.33493
#1	.68524	1.8430	.92932	1.7073	.32371	44.032	.29410	.17814	.17875
#2	.68609	1.8425	.92705	1.7223	.32841	44.447	.29864	.17782	.17941
#3	.68546	1.8501	.93134	1.7197	.32735	43.897	.29514	.17875	.17821
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.109	.36803	.21796	.35199	66.377	1.5273	12.537	.52118	.05626
Stddev	.013	.00163	.00043	.00114	.081	.0008	.055	.00095	.00017
%RSD	.07816	.44235	.19588	.32308	.12266	.05023	.43753	.18234	.29507
#1	16.095	.36641	.21839	.35075	66.470	1.5267	12.474	.52031	.05645
#2	16.119	.36803	.21796	.35298	66.343	1.5269	12.557	.52219	.05617
#3	16.112	.36966	.21754	.35225	66.318	1.5281	12.578	.52103	.05616
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	4.9802	.34201	.35342	10.949	.34166	.23406	.14621	3.5368	.61640
Stddev	.0141	.00085	.00110	.061	.00090	.01746	.00166	.0383	.00201
%RSD	.28387	.24723	.31033	.56133	.26345	7.4605	1.1383	1.0832	.32636
#1	4.9640	.34135	.35216	10.956	.34065	.21579	.14784	3.4932	.61464
#2	4.9901	.34172	.35399	11.007	.34237	.25058	.14630	3.5652	.61596
#3	4.9865	.34296	.35412	10.885	.34198	.23582	.14451	3.5520	.61859
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.2445	.21612	7.883	.13154	.07346	22.242			
Stddev	.0040	.00050	.006	.00144	.23344	.597			
%RSD	.32172	.23064	.0733	1.0917	317.77	2.6850			
#1	1.2419	.21580	7.885	.13083	.26774	22.283			
#2	1.2491	.21587	7.888	.13319	-.18550	22.818			
#3	1.2426	.21669	7.877	.13060	.13815	21.625			

Sample Name: K3124-09A Acquired: 5/31/2019 15:32:57 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8268 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	3982.5	51999.	4556.5	41.308	3858.0
Stddev	19.1	132.	5.3	2.054	8.7
%RSD	.47990	.25429	.11603	4.9718	.22528
#1	4002.1	51977.	4560.9	43.418	3867.8
#2	3963.9	51879.	4550.7	41.191	3851.4
#3	3981.5	52140.	4558.0	39.315	3854.7

Sample Name: CCV04 Acquired: 5/31/2019 15:37:11 Type: Unk
Method: P4-ICP2(v3161) 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	4.7317	4.7326	4.6863	4.8141	4.7920	9.4880	9.6038	.23890
Stddev	.0087	.0049	.0045	.0068	.0052	.0363	.0339	.00074
%RSD	.18451	.10317	.09694	.14147	.10787	.38231	.35325	.30940
#1	4.7417	4.7302	4.6819	4.8184	4.7922	9.4471	9.5647	.23848
#2	4.7278	4.7293	4.6860	4.8176	4.7867	9.5007	9.6210	.23975
#3	4.7257	4.7382	4.6910	4.8062	4.7970	9.5163	9.6257	.23846
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3440	23.335	.93123	2.3529	1.1962	4.6438	2.3732	23.590
Stddev	.0041	.132	.00188	.0006	.0036	.0046	.0018	.071
%RSD	.17560	.56392	.20233	.02735	.29701	.10001	.07646	.30135
#1	2.3485	23.270	.93163	2.3528	1.2003	4.6466	2.3712	23.556
#2	2.3405	23.249	.93288	2.3524	1.1949	4.6464	2.3745	23.541
#3	2.3429	23.487	.92917	2.3536	1.1936	4.6385	2.3741	23.671
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3426	1.1769	23.740	2.3432	2.3542	23.534	4.7379	4.6728
Stddev	.0013	.0005	.061	.0011	.0011	.101	.0023	.0428
%RSD	.05546	.04089	.25902	.04548	.04781	.43011	.04828	.91543
#1	2.3432	1.1774	23.670	2.3444	2.3529	23.420	4.7396	4.6311
#2	2.3411	1.1767	23.787	2.3423	2.3547	23.570	4.7353	4.7166
#3	2.3434	1.1765	23.762	2.3430	2.3549	23.613	4.7387	4.6706
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7329	4.5479	4.6439	4.6629	4.6531	4.895	4.7438	F 2.1134
Stddev	.0124	.0104	.0093	.0204	.0196	.014	.0190	.0252
%RSD	.26169	.22888	.20098	.43853	.42101	.2911	.40026	1.1943
#1	4.7413	4.5388	4.6533	4.6400	4.6306	4.901	4.7227	2.0947
#2	4.7387	4.5457	4.6437	4.6694	4.6621	4.879	4.7492	2.1035
#3	4.7186	4.5592	4.6346	4.6794	4.6665	4.905	4.7595	2.1421

Sample Name: CCV04 Acquired: 5/31/2019 15:37:11 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1560
 Stddev .1313
 %RSD 6.0878

#1 2.1151
 #2 2.0500
 #3 2.3028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.3	46994.	4171.4	37.899	3626.2
Stddev	2.7	105.	8.5	1.069	.4
%RSD	.07358	.22313	.20259	2.8212	.01094

#1	3626.2	47005.	4173.5	38.929	3625.9
#2	3631.3	46885.	4162.1	37.973	3626.1
#3	3627.4	47093.	4178.6	36.794	3626.6

Sample Name: CCB04 Acquired: 5/31/2019 15:41:09 Type: Unk
Method: P4-ICP2(v3161) 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	-.00065	.00182	-.00029	-.00197	-.00096	.00246	.00034
Stddev	.00097	.00037	.00074	.00072	.00074	.00844	.00053
%RSD	149.04	20.532	254.86	36.728	77.637	343.24	154.40

#1	-.00044	.00169	-.00114	-.00118	-.00177	-.00339	.00095
#2	-.00171	.00153	.00016	-.00212	-.00078	-.00136	.00006
#3	.00020	.00224	.00011	-.00260	-.00032	.01213	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00009	.00685	-.00028	.00020	-.00021	.00258
Stddev	.00002	.00003	.01533	.00030	.00010	.00005	.00045
%RSD	73.206	36.198	223.84	108.41	48.719	23.900	17.235

#1	.00003	.00008	-.00789	-.00055	.00028	-.00022	.00217
#2	.00005	.00006	.00573	.00004	.00009	-.00015	.00253
#3	.00001	.00012	.02271	-.00032	.00022	-.00025	.00305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01964	.00051	-.00033	-.00787	.00011	-.00012
Stddev	.00000	.01387	.00012	.00021	.00699	.00017	.00006
%RSD	6.2714	70.635	23.386	61.612	88.915	155.38	45.221

#1	.00002	.01370	.00060	-.00011	-.01583	-.00008	-.00008
#2	.00001	.00973	.00056	-.00051	-.00270	.00025	-.00010
#3	.00001	.03550	.00038	-.00039	-.00508	.00016	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08029	.00029	.00353	-.00589	-.00428	-.00166	.00175
Stddev	.01117	.00012	.01292	.00259	.00238	.00023	.00157
%RSD	13.918	41.890	366.20	43.921	55.480	13.564	89.898

#1	.07263	.00018	-.00820	-.00873	-.00184	-.00165	.00272
#2	.07513	.00026	.01738	-.00367	-.00443	-.00145	.00259
#3	.09311	.00042	.00141	-.00527	-.00658	-.00190	-.00006

Sample Name: CCB04 Acquired: 5/31/2019 15:41:09 Type: Unk
 Method: P4-ICP2(v3161) 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	-.00021	-.0008	.00015	F .61413	F<.00000
Stddev	.00123	.0016	.00003	.14670	.04667
%RSD	587.92	204.9	20.383	23.888	18.700
#1	.00114	.0010	.00016	.68347	-.28144
#2	-.00051	-.0015	.00011	.71330	-.27129
#3	-.00125	-.0018	.00017	.44560	-.19601
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.7	49203.	4234.6	42.941	4084.7
Stddev	6.7	164.	95.1	1.560	14.2
%RSD	.17674	.33307	2.2459	3.6322	.34780
#1	3791.1	49030.	4177.2	44.600	4076.0
#2	3801.0	49356.	4182.3	41.505	4101.1
#3	3803.9	49223.	4344.4	42.718	4076.9

Sample Name: K3125-19 Acquired: 5/31/2019 15:45:37 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13904 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00001	-.00154	-.00218	-.00159	.00202	.00523	.00002
Stddev	.00103	.00059	.00067	.00071	.00133	.01084	.00003	.00003
%RSD	311.43	5064.5	43.300	32.662	83.783	535.97	.65514	188.76

#1	.00059	.00019	-.00195	-.00288	-.00020	.00533	.00527	.00003
#2	-.00144	-.00067	-.00077	-.00146	-.00172	-.01009	.00522	.00003
#3	-.00014	.00045	-.00190	-.00220	-.00285	.01082	.00520	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.20649	.00038	.00012	-.00035	.05986	.00327	.03998
Stddev	.00002	.00286	.00011	.00006	.00023	.00025	.00004	.05454
%RSD	243.46	1.3833	28.250	45.153	64.865	.41408	1.1726	136.42

#1	-.00002	.20320	.00049	.00015	-.00061	.05999	.00329	.07117
#2	.00003	.20803	.00028	.00016	-.00016	.05957	.00323	-.02300
#3	.00002	.20826	.00038	.00006	-.00029	.06002	.00330	.07176

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00024	1.3253	-.00010	.01212	.17375	-.00005	.00005
Stddev	.00037	.00017	.0076	.00014	.00003	.03819	.00021	.00504
%RSD	36.547	71.100	.57181	140.94	.22006	21.983	452.25	10011.

#1	.00096	-.00007	1.3194	.00003	.01210	.19851	.00005	.00178
#2	.00140	-.00023	1.3227	-.00008	.01213	.19297	.00011	.00400
#3	.00067	-.00042	1.3339	-.00025	.01215	.12976	-.00029	-.00562

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02465	.01032	-.00332	.00191	-.00497	.0051	.00068	.08594
Stddev	.00154	.00097	.00073	.00107	.00099	.0010	.00003	.18843
%RSD	6.2348	9.3480	22.071	56.270	19.904	18.69	4.3927	219.25

#1	.02306	.01045	-.00416	.00272	-.00489	.0057	.00068	.29986
#2	.02476	.00930	-.00301	.00069	-.00599	.0056	.00066	.01345
#3	.02613	.01122	-.00279	.00231	-.00402	.0040	.00072	-.05548

Sample Name: K3125-19 Acquired: 5/31/2019 15:45:37 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13904 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .26493
 %RSD 68.499

#1 -.08377
 #2 -.57476
 #3 -.50177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.9	50229.	4312.1	42.326	4109.5
Stddev	5.9	6.	13.5	.479	3.6
%RSD	.15304	.01102	.31227	1.1316	.08880

#1	3826.6	50233.	4304.1	42.177	4108.8
#2	3821.2	50232.	4304.5	41.939	4113.5
#3	3832.9	50223.	4327.6	42.861	4106.3

Sample Name: K3125-20 Acquired: 5/31/2019 15:50:07 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13899 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00412	.00238	.00141	-.00020	2.7201	.01332	.00066
Stddev	.00181	.00094	.00043	.00287	.00134	.0196	.00065	.00001
%RSD	584.30	22.926	18.168	203.92	667.95	.72094	4.8684	1.8654

#1	-.00090	-.00393	.00228	.00293	-.00159	2.7311	.01261	.00065
#2	-.00056	-.00514	.00201	-.00190	.00107	2.7318	.01348	.00068
#3	.00239	-.00328	.00285	.00320	-.00008	2.6975	.01388	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	6.7094	.00579	.00209	.02406	22.014	.19230	1.5789
Stddev	.00003	.0116	.00009	.00008	.00022	.022	.00027	.0388
%RSD	3.1865	.17347	1.5027	3.7601	.90044	.10202	.14254	2.4602

#1	-.00097	6.6962	.00572	.00201	.02431	22.036	.19261	1.5731
#2	-.00101	6.7136	.00576	.00217	.02396	21.991	.19217	1.6202
#3	-.00104	6.7183	.00589	.00208	.02392	22.015	.19211	1.5432

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01021	-.00158	.95760	.01360	.72000	.72083	.00157	.00895
Stddev	.00045	.00011	.00398	.00006	.00070	.01062	.00015	.01202
%RSD	4.3998	7.0865	.41547	.42803	.09785	1.4728	9.4859	134.21

#1	.01014	-.00159	.96217	.01353	.71926	.71415	.00151	.00378
#2	.00980	-.00146	.95563	.01365	.72008	.73307	.00147	.00039
#3	.01069	-.00168	.95498	.01360	.72066	.71528	.00174	.02269

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8136	.56587	-.00509	.17173	-.00385	.2367	-.01602	.49148
Stddev	.0409	.00481	.00072	.00158	.00073	.0008	.00006	.06962
%RSD	.41714	.85018	14.213	.91867	19.085	.3363	.39790	14.166

#1	9.8133	.56508	-.00590	.16997	-.00379	.2376	-.01609	.43437
#2	9.7728	.56150	-.00450	.17224	-.00461	.2361	-.01596	.56904
#3	9.8546	.57103	-.00488	.17300	-.00314	.2364	-.01600	.47104

Sample Name: K3125-20 Acquired: 5/31/2019 15:50:07 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13899 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6804
 Stddev .3527
 %RSD 5.2798

#1 6.7433
 #2 6.9974
 #3 6.3005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.4	50324.	4402.2	42.408	4087.0
Stddev	13.6	125.	26.2	.823	5.1
%RSD	.35773	.24888	.59626	1.9414	.12449

#1	3801.9	50188.	4404.3	42.027	4082.4
#2	3784.8	50434.	4427.4	43.352	4086.1
#3	3811.6	50350.	4375.0	41.843	4092.5

Sample Name: K3125-21 Acquired: 5/31/2019 15:54:30 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13903 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03788	.00729	.25064	-.04586	.00286	201.96	1.0508	.02996
Stddev	.00263	.00053	.00095	.00246	.00113	1.66	.0073	.00022
%RSD	6.9352	7.2483	.38060	5.3690	39.398	.82357	.69417	.71841
#1	.03950	.00774	.25174	-.04466	.00337	200.24	1.0446	.03018
#2	.03929	.00742	.25006	-.04422	.00157	202.07	1.0488	.02994
#3	.03485	.00671	.25013	-.04869	.00363	203.56	1.0588	.02975
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02096	128.06	.48940	.11827	.48953	168.92	2.7937	98.602
Stddev	.00005	.73	.00185	.00039	.00220	.31	.0053	.779
%RSD	.23184	.56744	.37818	.32893	.44845	.18442	.18845	.79025
#1	.02099	127.30	.48796	.11793	.48709	168.66	2.7893	97.742
#2	.02091	128.13	.48876	.11869	.49133	168.84	2.7923	98.803
#3	.02099	128.75	.49149	.11818	.49018	169.27	2.7996	99.262
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34028	-.04517	2.9214	.22651	4.3389	42.244	.00627	-.11978
Stddev	.00123	.00015	.0168	.00078	.0179	.198	.00007	.00416
%RSD	.36189	.33472	.57400	.34216	.41239	.46841	1.0908	3.4726
#1	.34048	-.04509	2.9068	.22561	4.3592	42.046	.00623	-.11802
#2	.33897	-.04507	2.9179	.22697	4.3254	42.243	.00635	-.12453
#3	.34141	-.04534	2.9397	.22694	4.3322	42.442	.00623	-.11679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.598	.97800	.00852	.38175	.21953	F 22.08	.91037	<.00000
Stddev	.084	.01029	.00037	.00112	.00054	.09	.00579	.19143
%RSD	.27458	1.0522	4.3907	.29387	.24741	.4121	.63650	2.6715
#1	30.695	.96940	.00812	.38048	.21919	22.19	.90400	-6.9847
#2	30.553	.97519	.00886	.38213	.21926	22.02	.91180	-7.3660
#3	30.546	.98940	.00858	.38262	.22016	22.04	.91532	-7.1458

Sample Name: K3125-21 Acquired: 5/31/2019 15:54:30 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13903 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 111.08
 Stddev .96
 %RSD .86729

#1 110.20
 #2 110.93
 #3 112.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4787.0	63321.	6054.8	39.459	3289.6
Stddev	2.3	127.	6.0	.990	14.8
%RSD	.04824	.20039	.09878	2.5080	.45005

#1	4785.9	63330.	6060.8	40.519	3272.6
#2	4785.4	63443.	6054.7	39.298	3299.5
#3	4789.6	63190.	6048.8	38.559	3296.8

Sample Name: K3125-22 Acquired: 5/31/2019 15:58:55 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13892 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00083	.01375	-.00040	.00130	1.6413	.02690	.00063
Stddev	.00099	.00090	.00046	.00220	.00080	.0087	.00075	.00008
%RSD	223.42	107.25	3.3277	546.46	61.625	.53229	2.7919	12.102

#1	.00062	-.00019	.01359	.00212	.00189	1.6429	.02615	.00056
#2	-.00063	.00148	.01339	-.00139	.00039	1.6318	.02766	.00071
#3	.00134	.00121	.01426	-.00194	.00163	1.6491	.02690	.00062

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	6.0069	.00737	.00199	.05073	22.528	.11499	1.2595
Stddev	.00003	.0085	.00011	.00014	.00034	.018	.00023	.0150
%RSD	2.4804	.14123	1.4488	7.1838	.67631	.08115	.19574	1.1896

#1	-.00100	6.0027	.00748	.00191	.05035	22.543	.11521	1.2661
#2	-.00101	6.0166	.00735	.00215	.05100	22.507	.11500	1.2424
#3	-.00105	6.0013	.00727	.00190	.05085	22.533	.11476	1.2701

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01262	-.00150	8.6611	.01165	.19434	.41462	.00170	-.00511
Stddev	.00016	.00011	.0394	.00040	.00074	.03390	.00015	.01369
%RSD	1.2749	7.1113	.45538	3.4062	.38227	8.1752	8.5604	268.06

#1	.01249	-.00160	8.6806	.01122	.19391	.38636	.00186	.00868
#2	.01256	-.00139	8.6157	.01173	.19391	.45221	.00160	-.01869
#3	.01280	-.00150	8.6871	.01201	.19519	.40530	.00163	-.00531

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64326	.95135	.00070	.14716	-.00374	.1449	-.01497	.84860
Stddev	.00073	.04134	.00042	.00249	.00148	.0009	.00004	.01576
%RSD	.11297	4.3451	60.273	1.6911	39.554	.6063	.26991	1.8567

#1	.64399	.99876	.00040	.14981	-.00527	.1448	-.01497	.85107
#2	.64325	.93245	.00118	.14486	-.00232	.1441	-.01493	.83175
#3	.64254	.92285	.00051	.14683	-.00363	.1458	-.01501	.86297

Sample Name: K3125-22 Acquired: 5/31/2019 15:58:55 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13892 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.6014
Stddev .1255
%RSD 1.9016

#1 6.7362
#2 6.4879
#3 6.5799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3807.1	50074.	4356.5	41.004	4032.8
Stddev	13.4	191.	15.2	.440	16.9
%RSD	.35099	.38114	.34810	1.0720	.41843

#1	3817.2	49892.	4355.0	41.458	4043.0
#2	3812.2	50273.	4372.4	40.974	4042.2
#3	3792.0	50057.	4342.2	40.581	4013.4

Sample Name: K3093-01 Acquired: 5/31/2019 16:03:18 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13907 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00508	-.00080	-.00084	.00119	-.00068	.01459	.04676	.00002
Stddev	.00140	.00041	.00076	.00025	.00148	.00708	.00396	.00007
%RSD	27.478	50.719	90.460	20.851	217.70	48.550	8.4640	319.63

#1	-.00409	-.00056	-.00109	.00092	-.00158	.01126	.04541	.00005
#2	-.00668	-.00057	-.00143	.00123	.00103	.02272	.05121	-.00006
#3	-.00447	-.00127	.00002	.00141	-.00149	.00978	.04365	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	5.2853	.00028	.00039	.01595	.62639	.03582	.51028
Stddev	.00006	.0356	.00016	.00022	.00041	.05653	.00289	.12026
%RSD	29.955	.67338	57.109	57.589	2.5732	9.0250	8.0549	23.568

#1	.00018	5.2443	.00027	.00014	.01642	.59994	.03468	.41210
#2	.00013	5.3088	.00044	.00056	.01580	.69130	.03911	.64442
#3	.00024	5.3026	.00012	.00046	.01564	.58794	.03369	.47433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	-.00058	3.5346	.00005	2.4360	.38519	-.00018	.00872
Stddev	.00013	.00028	.2592	.00007	.0034	.04102	.00023	.03152
%RSD	3.2874	48.287	7.3345	154.92	.14055	10.649	125.87	361.32

#1	.00413	-.00055	3.4069	-.00002	2.4331	.35863	-.00007	.02639
#2	.00387	-.00031	3.8329	.00012	2.4351	.43243	-.00044	-.02767
#3	.00400	-.00087	3.3640	.00004	2.4397	.36451	-.00003	.02745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69439	.05473	.00035	.00285	.00215	.0949	.07853	2.1574
Stddev	.00336	.00313	.00037	.00210	.00094	.0006	.00036	1.4580
%RSD	.48359	5.7126	104.24	73.494	43.792	.6647	.45999	67.582

#1	.69086	.05416	.00064	.00472	.00111	.0948	.07811	1.5702
#2	.69754	.05809	.00047	.00326	.00239	.0943	.07873	3.8175
#3	.69479	.05192	-.00006	.00058	.00295	.0955	.07875	1.0846

Sample Name: K3093-01 Acquired: 5/31/2019 16:03:18 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13907 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.37406
Stddev	.29339
%RSD	78.434

#1	.17240
#2	.71064
#3	.23914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.4	48214.	4212.0	40.816	4031.9
Stddev	6.1	3141.	9.4	1.711	3.6
%RSD	.16197	6.5146	.22276	4.1917	.08885

#1	3742.5	49409.	4222.2	38.886	4031.5
#2	3754.7	44651.	4210.2	41.414	4035.7
#3	3748.1	50582.	4203.7	42.148	4028.5

Sample Name: K3093-01DUP Acquired: 5/31/2019 16:07:41 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13907DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	-.00065	-.00002	-.00180	-.00132	.01137	.04570	.00001
Stddev	.00145	.00180	.00062	.00169	.00144	.00366	.00033	.00003
%RSD	42.517	278.80	3750.0	93.961	108.92	32.189	.72566	292.55

#1	-.00178	-.00216	.00045	.00013	-.00125	.01555	.04596	.00004
#2	-.00393	.00135	-.00072	-.00300	-.00280	.00873	.04581	-.00002
#3	-.00454	-.00113	.00022	-.00252	.00008	.00984	.04533	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	5.2849	.00043	.00019	.01622	.63231	.03489	.42820
Stddev	.00004	.0390	.00005	.00008	.00046	.00258	.00004	.02143
%RSD	24.745	.73822	11.164	43.519	2.8468	.40759	.12095	5.0056

#1	.00016	5.2440	.00045	.00028	.01618	.63267	.03485	.40559
#2	.00015	5.2889	.00046	.00011	.01578	.63468	.03488	.44822
#3	.00023	5.3218	.00037	.00018	.01670	.62957	.03493	.43080

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	-.00052	3.4562	.00009	2.4493	.38316	-.00015	.00897
Stddev	.00012	.00035	.0200	.00021	.0020	.01549	.00014	.01604
%RSD	2.9874	67.287	.57741	228.78	.08320	4.0415	89.002	178.85

#1	.00397	-.00030	3.4332	.00004	2.4488	.39230	-.00008	.02233
#2	.00403	-.00092	3.4684	-.00009	2.4476	.39189	-.00007	-.00882
#3	.00380	-.00033	3.4670	.00033	2.4516	.36528	-.00031	.01340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69632	.05105	.00063	.00190	.00206	.0977	.07830	.96704
Stddev	.00510	.00217	.00034	.00118	.00109	.0008	.00045	.13674
%RSD	.73250	4.2515	53.579	62.261	52.735	.7886	.57055	14.140

#1	.70032	.05273	.00024	.00089	.00098	.0972	.07779	1.1001
#2	.69806	.05181	.00084	.00320	.00204	.0973	.07849	.97407
#3	.69058	.04860	.00082	.00161	.00315	.0986	.07861	.82691

Sample Name: K3093-01DUP Acquired: 5/31/2019 16:07:41 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13907DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .17102
Stddev .34872
%RSD 203.91

#1 .02563
#2 .56891
#3 -.08149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.3	49494.	4232.2	40.477	4026.6
Stddev	18.6	247.	18.5	1.067	13.3
%RSD	.49562	.49867	.43804	2.6370	.33147

#1	3728.6	49271.	4215.0	39.798	4012.2
#2	3764.8	49452.	4229.8	41.707	4038.6
#3	3739.5	49759.	4251.8	39.925	4029.0

Sample Name: K3093-01LX5 Acquired: 5/31/2019 16:12:04 Type: Unk
Method: P4-ICP2(v3161) 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	-.00264	.00024	-.00068	-.00184	-.00226	-.00407	.00949	.00007
Stddev	.00040	.00051	.00067	.00222	.00108	.00470	.00056	.00010
%RSD	15.075	207.71	99.010	120.88	47.736	115.45	5.9182	141.37

#1	-.00296	.00080	.00003	-.00162	-.00274	-.00250	.00973	.00008
#2	-.00220	-.00019	-.00077	-.00417	-.00301	-.00936	.00989	.00017
#3	-.00277	.00013	-.00129	.00026	-.00102	-.00036	.00885	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	1.0618	-.00008	.00009	.00274	.10668	.00705	.14242
Stddev	.00004	.0081	.00009	.00011	.00005	.00070	.00003	.02150
%RSD	57.865	.76552	113.33	125.61	1.9201	.65910	.48677	15.100

#1	.00006	1.0690	.00002	.00016	.00268	.10742	.00705	.16097
#2	.00003	1.0635	-.00013	.00016	.00274	.10659	.00702	.11885
#3	.00011	1.0530	-.00014	-.00004	.00279	.10602	.00708	.14742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00042	.67960	.00023	.51803	.07585	-.00011	-.01329
Stddev	.00036	.00014	.00350	.00021	.00167	.01208	.00023	.01896
%RSD	35.100	33.478	.51548	94.348	.32310	15.926	218.29	142.68

#1	.00066	-.00036	.67889	.00005	.51876	.06195	.00004	-.02547
#2	.00106	-.00032	.68340	.00046	.51611	.08380	.00002	-.02294
#3	.00138	-.00059	.67650	.00017	.51921	.08179	-.00037	.00855

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14335	.00679	-.00279	.00153	-.00213	.0192	.01580	.92498
Stddev	.00293	.00050	.00018	.00099	.00088	.0009	.00008	.09821
%RSD	2.0435	7.3419	6.4355	64.895	41.408	4.428	.51577	10.618

#1	.14590	.00703	-.00296	.00233	-.00309	.0188	.01579	1.0376
#2	.14399	.00712	-.00280	.00184	-.00193	.0187	.01588	.85702
#3	.14015	.00622	-.00260	.00042	-.00137	.0202	.01572	.88033

Sample Name: K3093-01LX5 Acquired: 5/31/2019 16:12:04 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .06973
 Stddev .29328
 %RSD 420.61

#1 -.24451
 #2 .11750
 #3 .33619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3806.0	49707.	4263.5	40.563	4049.9
Stddev	6.3	287.	21.8	.739	17.8
%RSD	.16664	.57735	.51131	1.8207	.43921

#1	3800.2	49627.	4239.0	41.055	4030.3
#2	3804.9	49468.	4280.9	40.920	4065.0
#3	3812.8	50025.	4270.4	39.714	4054.5

Sample Name: K3093-01MS Acquired: 5/31/2019 16:16:29 Type: Unk

Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: 13907MS Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68943	1.7837	.88005	1.7714	.70736	1.7871	.23163	.17712
Stddev	.00361	.0037	.00147	.0104	.00201	.0206	.00176	.00035
%RSD	.52341	.20772	.16735	.58745	.28432	1.1537	.75828	.19517

#1	.68610	1.7872	.88168	1.7808	.70939	1.7666	.22981	.17673
#2	.68894	1.7798	.87966	1.7730	.70537	1.8079	.23331	.17741
#3	.69327	1.7840	.87881	1.7602	.70733	1.7867	.23178	.17721

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17330	6.5280	.35101	.18294	.30114	3.1486	.22444	2.2600
Stddev	.00045	.0199	.00126	.00030	.00091	.0055	.00026	.0387
%RSD	.25766	.30411	.35788	.16410	.30209	.17420	.11552	1.7108

#1	.17379	6.5091	.35240	.18329	.30021	3.1517	.22466	2.2175
#2	.17292	6.5262	.34997	.18281	.30118	3.1519	.22416	2.2693
#3	.17319	6.5487	.35066	.18273	.30203	3.1423	.22450	2.2932

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45072	.06493	6.2342	.28496	2.5808	9.3430	.37334	.27445
Stddev	.00114	.00015	.0458	.00077	.0124	.0460	.00049	.01809
%RSD	.25238	.23623	.73415	.27137	.48210	.49264	.13104	6.5918

#1	.45203	.06482	6.1903	.28560	2.5832	9.3158	.37278	.25605
#2	.44992	.06486	6.2816	.28410	2.5673	9.3961	.37367	.29221
#3	.45022	.06510	6.2306	.28518	2.5919	9.3169	.37358	.27509

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65881	.83555	.60299	.18621	.19029	5.232	.26017	2.0757
Stddev	.00232	.00368	.00098	.00292	.00030	.012	.00160	.0680
%RSD	.35187	.44047	.16295	1.5692	.15816	.2377	.61649	3.2782

#1	.66126	.83572	.60413	.18370	.19064	5.243	.26030	2.0341
#2	.65854	.83179	.60246	.18941	.19016	5.234	.25851	2.0387
#3	.65664	.83915	.60239	.18551	.19008	5.219	.26171	2.1542

Sample Name: K3093-01MS Acquired: 5/31/2019 16:16:29 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13907MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.09478
%RSD	19.578

#1	-.48900
#2	-.38700
#3	-.57637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.0	49233.	4212.1	42.505	3976.1
Stddev	18.8	127.	20.0	.545	21.4
%RSD	.50201	.25803	.47511	1.2826	.53909

#1	3727.1	49117.	4200.4	42.827	3961.1
#2	3757.5	49214.	4235.2	41.875	4000.7
#3	3723.3	49369.	4200.7	42.811	3966.6

Sample Name: K3093-01MSD Acquired: 5/31/2019 16:20:34 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13907MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68119	1.7599	.87132	1.7518	.70072	1.7673	.22984	.17456
Stddev	.00232	.0032	.00236	.0059	.00148	.0277	.00232	.00022
%RSD	.34011	.18423	.27056	.33599	.21132	1.5674	1.0097	.12828

#1	.68307	1.7562	.86870	1.7497	.69926	1.7355	.22737	.17454
#2	.67860	1.7620	.87200	1.7473	.70068	1.7806	.23198	.17480
#3	.68190	1.7616	.87327	1.7585	.70222	1.7859	.23018	.17435

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17175	6.4435	.34588	.18080	.29785	3.0851	.22026	2.2927
Stddev	.00047	.0228	.00061	.00049	.00095	.0057	.00032	.0341
%RSD	.27218	.35424	.17533	.27067	.31787	.18361	.14707	1.4873

#1	.17178	6.4172	.34530	.18028	.29873	3.0913	.21990	2.2608
#2	.17127	6.4546	.34651	.18125	.29798	3.0803	.22039	2.3286
#3	.17221	6.4586	.34584	.18087	.29685	3.0837	.22051	2.2888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44843	.06400	6.1706	.28009	2.5647	9.3137	.36977	.26884
Stddev	.00127	.00039	.0617	.00079	.0165	.0742	.00128	.02039
%RSD	.28220	.61241	.99982	.28293	.64446	.79688	.34498	7.5842

#1	.44702	.06363	6.1032	.27965	2.5458	9.2444	.36897	.25688
#2	.44947	.06441	6.2243	.28101	2.5716	9.3920	.36910	.29238
#3	.44880	.06397	6.1843	.27962	2.5767	9.3046	.37124	.25726

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65925	.82918	.59506	.18305	.19030	5.185	.25761	1.2571
Stddev	.00412	.00378	.00330	.00234	.00034	.008	.00090	.1898
%RSD	.62454	.45625	.55406	1.2795	.17613	.1483	.34771	15.100

#1	.65768	.83346	.59134	.18434	.18996	5.176	.25731	1.1337
#2	.65616	.82629	.59763	.18034	.19030	5.190	.25690	1.4757
#3	.66393	.82778	.59621	.18446	.19063	5.189	.25862	1.1620

Sample Name: K3093-01MSD Acquired: 5/31/2019 16:20:34 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13907MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.15228
%RSD	32.852

#1	-.63122
#2	-.42558
#3	-.33384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.9	48948.	4197.2	41.474	3958.3
Stddev	8.1	57.	20.0	1.094	19.3
%RSD	.21732	.11708	.47696	2.6377	.48722

#1	3736.4	48934.	4175.6	40.949	3978.7
#2	3730.0	48899.	4215.2	42.732	3940.4
#3	3720.3	49011.	4200.7	40.742	3955.8

Sample Name: K3093-01A Acquired: 5/31/2019 16:24:40 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8268 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67868	1.7732	.87761	1.7518	.70085	1.7905	.23066	.17582
Stddev	.00524	.0055	.00196	.0074	.00100	.0124	.00123	.00028
%RSD	.77203	.31158	.22331	.42144	.14210	.69458	.53384	.16115
#1	.68174	1.7690	.87599	1.7584	.70031	1.7774	.22927	.17592
#2	.67263	1.7795	.87979	1.7533	.70200	1.8021	.23111	.17550
#3	.68167	1.7711	.87706	1.7438	.70024	1.7921	.23161	.17604
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17298	6.4960	.34650	.18241	.29728	3.1065	.22173	2.3023
Stddev	.00034	.0440	.00090	.00017	.00078	.0088	.00063	.1017
%RSD	.19547	.67774	.26069	.09507	.26207	.28248	.28283	4.4169
#1	.17322	6.4459	.34564	.18261	.29815	3.1042	.22245	2.2579
#2	.17312	6.5283	.34745	.18233	.29703	3.0991	.22135	2.2303
#3	.17259	6.5138	.34642	.18229	.29665	3.1162	.22139	2.4186
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44989	.06474	6.1970	.28187	2.5811	9.3476	.36957	.27883
Stddev	.00018	.00007	.0515	.00023	.0046	.0459	.00091	.00422
%RSD	.03963	.11511	.83125	.08112	.17864	.49061	.24581	1.5130
#1	.45010	.06478	6.1387	.28212	2.5858	9.3057	.37001	.27396
#2	.44981	.06466	6.2161	.28183	2.5810	9.3966	.37017	.28121
#3	.44977	.06479	6.2363	.28167	2.5766	9.3405	.36852	.28132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65883	.83192	.60189	.18340	.19037	5.210	.25766	1.3583
Stddev	.00065	.00180	.00421	.00116	.00199	.009	.00076	.0729
%RSD	.09899	.21617	.69869	.63333	1.0472	.1831	.29361	5.3692
#1	.65949	.83027	.60363	.18371	.19135	5.209	.25686	1.3677
#2	.65880	.83384	.60495	.18439	.19168	5.220	.25837	1.4261
#3	.65818	.83166	.59710	.18212	.18807	5.201	.25775	1.2811

Sample Name: K3093-01A Acquired: 5/31/2019 16:24:40 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8268 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.59923
%RSD	119.14

#1	-1.1540
#2	.02556
#3	-.38050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3733.0	49094.	4206.1	40.997	3946.2
Stddev	13.7	93.	21.8	.969	9.9
%RSD	.36755	.19031	.51923	2.3634	.25095

#1	3719.4	48986.	4188.6	40.057	3937.0
#2	3732.7	49150.	4199.1	41.993	3945.0
#3	3746.9	49146.	4230.6	40.941	3956.6

Sample Name: CCV05 Acquired: 5/31/2019 16:28:45 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8396	4.8450	4.8113	4.9257	4.9307	9.7346	9.7305	.24807
Stddev	.0229	.0093	.0060	.0086	.0054	.1439	.0944	.00287
%RSD	.47380	.19119	.12412	.17502	.10862	1.4781	.96992	1.1579
#1	4.8442	4.8413	4.8044	4.9298	4.9367	9.6602	9.6873	.24698
#2	4.8599	4.8556	4.8147	4.9315	4.9264	9.6431	9.6654	.24591
#3	4.8148	4.8382	4.8147	4.9158	4.9289	9.9004	9.8387	.25133
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4113	23.918	.95926	2.4227	1.2274	4.7920	2.4635	24.480
Stddev	.0006	.099	.00839	.0031	.0022	.0486	.0222	.276
%RSD	.02456	.41396	.87417	.12812	.17894	1.0146	.90046	1.1279
#1	2.4113	23.892	.95722	2.4262	1.2298	4.7710	2.4541	24.380
#2	2.4107	23.834	.95209	2.4215	1.2269	4.7574	2.4476	24.267
#3	2.4119	24.027	.96848	2.4204	1.2255	4.8476	2.4888	24.792
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4021	1.2115	24.759	2.4171	2.4197	23.915	4.8523	4.8113
Stddev	.0018	.0089	.267	.0215	.0027	.332	.0023	.0731
%RSD	.07285	.73193	1.0780	.89091	.10991	1.3865	.04794	1.5187
#1	2.4029	1.2079	24.722	2.4034	2.4183	23.923	4.8539	4.7713
#2	2.4001	1.2050	24.513	2.4060	2.4180	23.579	4.8534	4.7671
#3	2.4034	1.2216	25.043	2.4420	2.4227	24.242	4.8496	4.8957
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8505	4.5808	4.7605	4.7692	4.6905	5.045	4.8405	F 2.6691
Stddev	.0094	.0061	.0031	.0167	.0200	.006	.0172	.2876
%RSD	.19415	.13254	.06526	.35081	.42639	.1155	.35519	10.775
#1	4.8422	4.5871	4.7582	4.7617	4.7032	5.039	4.8528	2.3523
#2	4.8607	4.5803	4.7640	4.7576	4.6674	5.044	4.8209	2.9138
#3	4.8485	4.5750	4.7592	4.7884	4.7008	5.051	4.8479	2.7410

Sample Name: CCV05 Acquired: 5/31/2019 16:28:45 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15048 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3280
Stddev .1204
%RSD 5.1713

#1 2.2915
#2 2.2301
#3 2.4625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.3	47206.	4234.0	40.212	3636.6
Stddev	2.9	354.	14.5	1.815	2.4
%RSD	.07986	.74979	.34284	4.5134	.06522

#1	3639.0	47241.	4219.8	39.063	3637.4
#2	3643.7	47540.	4233.3	39.268	3638.5
#3	3644.3	46835.	4248.8	42.304	3633.9

Sample Name: CCB05 Acquired: 5/31/2019 16:32:53 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00163	.00097	-.00191	-.00129	-.00474	.00064
Stddev	.00195	.00098	.00317	.00145	.00139	.00726	.00014
%RSD	252.50	60.109	327.39	75.850	107.77	153.28	22.397

#1	.00127	.00251	.00452	-.00205	-.00168	-.00939	.00048
#2	-.00261	.00058	-.00006	-.00039	.00025	.00363	.00077
#3	-.00098	.00180	-.00156	-.00328	-.00244	-.00845	.00066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00004	-.00705	-.00029	.00004	-.00044	-.00020
Stddev	.00002	.00004	.00342	.00028	.00003	.00057	.00033
%RSD	33.247	86.784	48.514	95.644	72.004	129.51	165.85

#1	.00010	.00003	-.00323	-.00025	.00001	.00005	.00008
#2	.00007	.00001	-.00983	-.00059	.00006	-.00107	-.00056
#3	.00005	.00008	-.00810	-.00004	.00005	-.00031	-.00012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.08838	.00017	-.00035	-.03819	.00001	-.00022
Stddev	.00002	.01353	.00046	.00007	.00146	.00012	.00005
%RSD	163.14	15.307	264.25	19.889	3.8282	1818.9	25.334

#1	-.00001	.09072	.00019	-.00043	-.03759	.00014	-.00022
#2	.00001	.07384	-.00029	-.00030	-.03713	-.00006	-.00027
#3	-.00003	.10060	.00063	-.00033	-.03986	-.00006	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02278	.00042	-.01131	-.00471	-.00240	-.00221	.00322
Stddev	.04332	.00011	.00438	.00254	.00123	.00079	.00158
%RSD	190.13	26.468	38.697	54.011	51.214	35.607	48.850

#1	.01552	.00031	-.01491	-.00190	-.00148	-.00231	.00402
#2	-.01644	.00042	-.00644	-.00538	-.00380	-.00138	.00141
#3	.06927	.00054	-.01259	-.00684	-.00192	-.00295	.00424

Sample Name: CCB05 Acquired: 5/31/2019 16:32:53 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15048 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.0007	.00012	F 1.0272	F<.00000
Stddev	.00205	.0018	.00003	.0644	.47628
%RSD	130.05	266.6	21.319	6.2684	228.01
#1	-.00338	-.0014	.00013	.95485	.29240
#2	.00065	-.0020	.00014	1.0488	-.26360
#3	-.00201	.0013	.00009	1.0781	-.65543
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.9	49541.	4220.9	41.224	4084.6
Stddev	6.3	180.	22.8	1.085	21.7
%RSD	.16515	.36318	.53970	2.6324	.53007
#1	3815.2	49412.	4217.5	40.934	4064.2
#2	3826.1	49465.	4245.1	40.314	4082.2
#3	3815.2	49747.	4199.9	42.425	4107.3

Sample Name: K3093-02 Acquired: 5/31/2019 16:37:22 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13908 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.09661	k -.01889	k .02892	k -.57402	k .05827	k .42226	.02092
Stddev	.00534	.01345	.04841	.08614	.00315	.03463	.00018
%RSD	5.5246	71.237	167.41	15.007	5.4058	8.2004	.85236

#1	-.09682	-.01275	.00019	-.52672	.05660	.41117	.02073
#2	k -.10185	k -.03431	k .08481	k -.67345	k .06191	k .46107	.02095
#3	-.09118	-.00959	.00175	-.52189	.05632	.39453	.02108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08415	k .11135	k 45.943	k .16227	k .03930	k .64533	^ *****
Stddev	.00085	.02514	35.988	.02197	.00075	.04366	-----
%RSD	1.0130	22.576	78.331	13.540	1.9178	6.7649	-----

#1	.08508	.09777	66.771	.14991	.04012	.61220	374.78
#2	.08339	k .14036	k 4.3879	k .18764	k .03862	k .69479	^ -----
#3	.08399	.09592	66.672	.14927	.03917	.62898	373.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5429	-.46252	k .11798	k -.33108	6.6569	k .00833	k 4.3966
Stddev	.0138	.02975	.00149	.02843	.0552	.00010	.0731
%RSD	.24881	6.4323	1.2653	8.5879	.82960	1.2392	1.6624

#1	5.5275	-.44045	.11971	-.31634	6.5933	.00843	4.3841
#2	5.5471	-.49635	k .11708	k -.36386	6.6921	k .00822	k 4.4752
#3	5.5541	-.45075	.11716	-.31304	6.6854	.00835	4.3306

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34168	.02505	kF -2.3706	k .39352	k .41536	k .02787	k .00616
Stddev	.02851	.00038	.3464	.07060	.00177	.00117	.00139
%RSD	8.3454	1.5300	14.613	17.940	.42728	4.1891	22.608

#1	.35865	.02465	-2.1341	.43515	.41703	.02867	.00736
#2	.30876	.02510	k -2.7683	k .31201	k .41350	k .02840	k .00463
#3	.35763	.02541	-2.2096	.43341	.41556	.02653	.00649

Sample Name: K3093-02 Acquired: 5/31/2019 16:37:22 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13908 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00025	k .1436	k -.23511	<.00000	^ *****
Stddev	.00160	.0036	.23773	.42495	-----
%RSD	638.79	2.503	101.11	3.8986	-----
#1	-.00100	.1412	-.37293	-10.859	^ -----
#2	.00205	k .1419	k .03939	-10.497	^ -----
#3	-.00030	.1477	-.37180	-11.344	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.0	44365.	4040.0	38.705	3130.3
Stddev	18.5	145.	31.8	2.391	26.7
%RSD	.55266	.32735	.78653	6.1778	.85257
#1	3346.7	44240.	4004.8	37.027	3107.9
#2	3344.0	44332.	4048.7	41.443	3123.1
#3	3377.4	44525.	4066.5	37.645	3159.8

Sample Name: K3104-07 Acquired: 5/31/2019 16:41:52 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PIT-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02373	.00041	.02209	-.00020	.00205	5.3071	.05685	.00050
Stddev	.00137	.00021	.00005	.00180	.00120	.0363	.00047	.00006
%RSD	5.7651	52.465	.20658	891.08	58.798	.68456	.82106	11.269

#1	.02530	.00055	.02206	.00164	.00066	5.3452	.05728	.00051
#2	.02276	.00050	.02214	-.00028	.00285	5.2728	.05691	.00055
#3	.02313	.00016	.02208	-.00196	.00263	5.3032	.05635	.00044

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	30.375	.00635	.00348	.02316	8.7977	.09103	4.9481
Stddev	.00006	.152	.00020	.00029	.00025	.0069	.00024	.0600
%RSD	13.173	.50006	3.1509	8.3895	1.0755	.07848	.26639	1.2122

#1	.00037	30.301	.00634	.00343	.02298	8.8057	.09075	4.8822
#2	.00041	30.275	.00615	.00322	.02344	8.7937	.09112	4.9624
#3	.00048	30.550	.00655	.00379	.02305	8.7938	.09122	4.9995

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	-.00109	29.602	.03472	.24123	5.8688	.04414	.15459
Stddev	.00015	.00046	.282	.00023	.00035	.0395	.00015	.00619
%RSD	3.3366	41.921	.95137	.67528	.14542	.67365	.33216	4.0016

#1	.00462	-.00139	29.879	.03490	.24094	5.9136	.04400	.16164
#2	.00467	-.00056	29.316	.03445	.24162	5.8541	.04412	.15009
#3	.00439	-.00131	29.611	.03480	.24113	5.8387	.04429	.15203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1066	F 11.540	-.00542	.14510	.00631	.1292	.54873	1.8853
Stddev	.0197	.061	.00020	.00132	.00089	.0014	.00308	.0626
%RSD	.21628	.53083	3.6411	.90681	14.075	1.084	.56200	3.3228

#1	9.0927	11.470	-.00561	.14660	.00733	.1307	.55050	1.8409
#2	9.0979	11.584	-.00522	.14418	.00574	.1288	.54517	1.9570
#3	9.1291	11.566	-.00544	.14451	.00585	.1280	.55053	1.8580

Sample Name: K3104-07 Acquired: 5/31/2019 16:41:52 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PIT-WATER Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2828
Stddev	.4285
%RSD	18.773

#1	1.7883
#2	2.5463
#3	2.5137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.3	47976.	4232.9	41.287	3845.5
Stddev	15.8	326.	8.5	.721	14.0
%RSD	.42943	.67890	.20004	1.7471	.36354

#1	3663.0	47606.	4227.8	40.503	3829.5
#2	3690.7	48221.	4242.7	41.923	3855.5
#3	3690.1	48099.	4228.2	41.434	3851.5

Sample Name: K3125-14 Acquired: 5/31/2019 16:46:14 Type: Unk

Method: P4-ICP2(v3161) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00654	.00277	-.00530	.00128	.00007	.12160	.60075	.00168
Stddev	.00451	.00066	.00110	.00101	.00080	.00313	.00268	.00015
%RSD	68.919	23.666	20.758	79.087	1133.4	2.5744	.44617	8.7414

#1	-.00868	.00262	-.00654	.00011	.00084	.12328	.59972	.00152
#2	-.00136	.00220	-.00487	.00191	.00012	.11799	.59873	.00173
#3	-.00959	.00349	-.00447	.00181	-.00075	.12353	.60379	.00180

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	71.993	-.00530	.00025	.04821	52.593	1.7857	12.340
Stddev	.00009	.532	.00049	.00016	.00006	.346	.0029	.144
%RSD	4.6744	.73948	9.1735	65.798	.12907	.65857	.16163	1.1694

#1	-.00192	71.563	-.00476	.00044	.04816	52.219	1.7831	12.200
#2	-.00204	72.588	-.00571	.00014	.04820	52.657	1.7852	12.332
#3	-.00211	71.828	-.00542	.00017	.04828	52.903	1.7888	12.488

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00430	475.37	-.00398	.20622	6.1408	.01088	.07249
Stddev	.00034	.00018	2.32	.00033	.00045	.0615	.00032	.01525
%RSD	12.673	4.2723	.48743	8.2392	.21677	1.0021	2.9157	21.042

#1	-.00233	-.00447	475.95	-.00373	.20571	6.1338	.01110	.08759
#2	-.00300	-.00433	472.82	-.00435	.20656	6.0831	.01102	.05708
#3	-.00263	-.00411	477.34	-.00387	.20639	6.2056	.01052	.07280

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6454	1.7855	.00175	.00482	.00169	.0637	.30853	3.2576
Stddev	.0129	.0181	.00083	.00143	.00157	.0006	.00219	.1105
%RSD	.48877	1.0126	47.578	29.697	92.602	.9242	.71095	3.3908

#1	2.6305	1.7852	.00135	.00558	-.00012	.0640	.30809	3.1314
#2	2.6539	1.8037	.00119	.00570	.00256	.0630	.31091	3.3364
#3	2.6518	1.7676	.00271	.00317	.00263	.0641	.30659	3.3051

Sample Name: K3125-14 Acquired: 5/31/2019 16:46:14 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.431
 Stddev .275
 %RSD 1.6767

#1 16.398
 #2 16.173
 #3 16.721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.4	43522.	4047.5	38.238	3316.6
Stddev	10.8	36.	33.4	.427	11.4
%RSD	.31891	.08384	.82565	1.1166	.34503

#1	3386.8	43561.	4059.4	37.754	3329.8
#2	3369.0	43517.	4009.7	38.561	3310.6
#3	3367.4	43488.	4073.3	38.400	3309.4

Sample Name: K3125-15 Acquired: 5/31/2019 16:50:54 Type: Unk

Method: P4-ICP2(v3161) 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	-.01175	.00425	.00031	-.00703	.00652	.27394	.89654	.00456
Stddev	.00260	.00135	.00034	.00181	.00091	.00458	.00817	.00007
%RSD	22.147	31.815	110.78	25.665	13.908	1.6704	.91091	1.6351

#1	-.00919	.00374	.00058	-.00535	.00554	.27049	.88771	.00459
#2	-.01167	.00579	.00042	-.00894	.00734	.27913	.90383	.00462
#3	-.01439	.00324	-.00007	-.00682	.00668	.27221	.89807	.00448

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	76.152	-.01052	.00011	.32508	112.06	2.4046	11.802
Stddev	.00008	.177	.00124	.00004	.00106	.29	.0040	.174
%RSD	3.0511	.23232	11.792	40.049	.32542	.26237	.16603	1.4747

#1	-.00265	76.035	-.00927	.00006	.32621	111.75	2.4039	11.610
#2	-.00250	76.355	-.01055	.00011	.32490	112.08	2.4010	11.845
#3	-.00254	76.065	-.01175	.00015	.32412	112.34	2.4089	11.950

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00562	-.01403	405.95	-.00497	.54375	5.1038	.00238	.01492
Stddev	.00028	.00009	2.52	.00035	.00155	.0283	.00009	.00217
%RSD	4.9883	.65753	.61965	7.0465	.28567	.55404	3.8090	14.520

#1	-.00594	-.01397	403.27	-.00471	.54489	5.0714	.00238	.01308
#2	-.00552	-.01414	408.27	-.00537	.54439	5.1230	.00229	.01730
#3	-.00540	-.01398	406.31	-.00484	.54198	5.1171	.00247	.01437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2287	3.6511	.00751	.10687	.00266	.3988	.19133	2.9184
Stddev	.0163	.0268	.00039	.00241	.00305	.0002	.00155	.0729
%RSD	.50431	.73433	5.2287	2.2546	114.35	.0601	.81101	2.4966

#1	3.2446	3.6816	.00737	.10784	.00157	.3986	.19195	2.9566
#2	3.2120	3.6405	.00721	.10412	.00032	.3990	.19247	2.9642
#3	3.2296	3.6312	.00796	.10864	.00611	.3988	.18956	2.8344

Sample Name: K3125-15 Acquired: 5/31/2019 16:50:54 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 39.632
Stddev .180
%RSD .45496

#1 39.510
#2 39.547
#3 39.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.6	43435.	4032.3	37.771	3324.7
Stddev	10.3	55.	39.8	1.497	9.4
%RSD	.30384	.12733	.98757	3.9634	.28390

#1	3370.5	43378.	3986.9	38.345	3319.1
#2	3368.8	43439.	4049.1	36.072	3319.5
#3	3387.4	43488.	4061.1	38.897	3335.6

Sample Name: K3125-16 Acquired: 5/31/2019 16:55:30 Type: Unk

Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00689	.00132	.00816	.00333	.00169	.05857	.40575	.00097
Stddev	.00272	.00105	.00069	.00256	.00041	.01731	.00143	.00006
%RSD	39.541	79.548	8.4522	76.982	24.073	29.557	.35266	5.7209

#1	-.00384	.00191	.00736	.00566	.00179	.06679	.40442	.00104
#2	-.00909	.00193	.00858	.00374	.00124	.03868	.40726	.00094
#3	-.00773	.00011	.00853	.00059	.00204	.07024	.40556	.00093

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	63.792	-.00426	.00046	.14756	35.771	1.9559	11.703
Stddev	.00002	.192	.00036	.00020	.00046	.022	.0006	.070
%RSD	1.2819	.30103	8.4093	43.367	.31494	.06070	.02858	.60134

#1	-.00150	63.854	-.00440	.00066	.14807	35.782	1.9556	11.636
#2	-.00152	63.577	-.00385	.00027	.14717	35.786	1.9565	11.697
#3	-.00154	63.946	-.00452	.00044	.14744	35.746	1.9555	11.777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00255	442.87	-.00458	10.621	5.6749	-.00184	.06827
Stddev	.00025	.00035	4.38	.00029	.024	.0453	.00025	.00221
%RSD	26.331	13.927	.98888	6.2513	.22157	.79785	13.393	3.2329

#1	-.00124	-.00222	444.30	-.00476	10.612	5.6235	-.00167	.06729
#2	-.00079	-.00292	446.35	-.00474	10.648	5.7087	-.00173	.07080
#3	-.00083	-.00250	437.95	-.00425	10.603	5.6927	-.00213	.06672

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0949	2.4978	.00551	.00408	.00425	.0587	.27652	3.9470
Stddev	.0163	.0209	.00045	.00335	.00093	.0005	.00111	.0447
%RSD	.52729	.83851	8.1252	82.265	21.984	.8637	.39994	1.1327

#1	3.0833	2.5197	.00591	.00106	.00438	.0592	.27730	3.8954
#2	3.0879	2.4779	.00560	.00349	.00326	.0586	.27526	3.9719
#3	3.1136	2.4958	.00503	.00769	.00511	.0582	.27702	3.9738

Sample Name: K3125-16 Acquired: 5/31/2019 16:55:30 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.889
 Stddev .398
 %RSD 3.6529

#1 10.436
 #2 11.051
 #3 11.181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.3	43529.	4070.0	39.868	3371.5
Stddev	13.5	103.	28.8	1.361	8.5
%RSD	.39600	.23709	.70761	3.4143	.25249

#1	3386.3	43413.	4044.7	38.631	3363.8
#2	3405.2	43613.	4101.3	39.647	3369.9
#3	3412.4	43560.	4063.9	41.326	3380.6

Sample Name: K3125-24 Acquired: 5/31/2019 16:59:59 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13904 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00409	-.00034	.00202	.00004	.00093	.22947	.47832	.00014
Stddev	.00129	.00043	.00049	.00147	.00124	.00252	.00252	.00001
%RSD	31.673	128.41	24.468	3277.6	132.72	1.0976	.52595	4.1511

#1	-.00507	-.00039	.00148	.00174	-.00043	.22657	.47643	.00014
#2	-.00262	.00012	.00214	-.00087	.00125	.23112	.48117	.00015
#3	-.00456	-.00074	.00244	-.00073	.00199	.23072	.47735	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	10.518	.00210	.00142	.02277	5.8864	.25337	.60283
Stddev	.00004	.042	.00005	.00017	.00026	.0134	.00075	.04190
%RSD	6.8255	.40212	2.3142	11.922	1.1494	.22807	.29408	6.9500

#1	.00051	10.482	.00208	.00157	.02280	5.8768	.25299	.58616
#2	.00051	10.508	.00215	.00124	.02250	5.9018	.25423	.65049
#3	.00057	10.565	.00206	.00146	.02302	5.8807	.25289	.57183

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	-.00063	112.67	-.00002	.66391	11.348	.00066	.00345
Stddev	.00021	.00039	.54	.00003	.00071	.059	.00012	.00647
%RSD	3.6676	61.775	.48245	167.79	.10637	.51590	18.127	187.69

#1	.00594	-.00074	112.26	-.00001	.66376	11.281	.00079	.00327
#2	.00572	-.00020	113.29	.00001	.66330	11.379	.00062	-.00293
#3	.00552	-.00095	112.47	-.00006	.66468	11.385	.00056	.01001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1976	.95363	-.00046	.01115	.00413	.0856	.03695	2.5307
Stddev	.0071	.01081	.00059	.00128	.00228	.0009	.00023	.3722
%RSD	.32478	1.1335	128.29	11.439	55.136	1.002	.61019	14.706

#1	2.1968	.96072	-.00036	.01059	.00258	.0862	.03681	2.1455
#2	2.2051	.94119	-.00109	.01261	.00306	.0847	.03682	2.8884
#3	2.1908	.95898	.00007	.01025	.00674	.0861	.03721	2.5582

Sample Name: K3125-24 Acquired: 5/31/2019 16:59:59 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13904 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2307
 Stddev .1113
 %RSD 4.9897

#1 2.2605
 #2 2.3241
 #3 2.1076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.8	46861.	4186.3	41.043	3710.4
Stddev	16.1	197.	14.5	1.033	11.4
%RSD	.44921	.42006	.34575	2.5177	.30773

#1	3572.3	46841.	4169.8	42.014	3698.2
#2	3604.0	46675.	4196.8	41.158	3720.9
#3	3593.1	47067.	4192.4	39.957	3712.1

Sample Name: K3125-25 Acquired: 5/31/2019 17:04:21 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13899 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01810	-.03425	-.00520	.04424	.00487	.04926	.00617	.00080
Stddev	.00113	.00113	.00040	.00457	.00067	.00427	.00019	.00009
%RSD	6.2359	3.2888	7.7638	10.324	13.839	8.6678	3.1191	11.313

#1	.01688	-.03542	-.00544	.04528	.00473	.05341	.00621	.00069
#2	.01831	-.03416	-.00544	.03924	.00428	.04949	.00596	.00084
#3	.01911	-.03317	-.00474	.04819	.00561	.04488	.00634	.00086

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	7.8291	-.00326	.00083	.00709	29.502	.67259	.58289
Stddev	.00004	.0261	.00025	.00012	.00031	.085	.00124	.02858
%RSD	2.4936	.33296	7.6737	14.090	4.4084	.28937	.18466	4.9031

#1	-.00175	7.7996	-.00340	.00084	.00717	29.405	.67187	.61037
#2	-.00184	7.8387	-.00297	.00071	.00736	29.536	.67188	.58497
#3	-.00177	7.8491	-.00341	.00095	.00675	29.565	.67403	.55332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00162	6.2536	-.00126	.04866	2.5385	.00024	.40244
Stddev	.00016	.00005	.0258	.00015	.00013	.0095	.00024	.00685
%RSD	18.594	3.0593	.41277	12.022	.26511	.37258	101.10	1.7028

#1	.00089	-.00166	6.2621	-.00120	.04869	2.5486	-.00003	.39709
#2	.00100	-.00162	6.2246	-.00143	.04878	2.5299	.00030	.40006
#3	.00069	-.00156	6.2741	-.00114	.04852	2.5371	.00044	.41016

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3574	.13002	.01218	.00461	-.00463	.1984	-.02287	1.5309
Stddev	.0099	.00164	.00028	.00097	.00179	.0015	.00004	.2715
%RSD	.72703	1.2641	2.2595	21.074	38.617	.7431	.16391	17.733

#1	1.3519	.13086	.01188	.00401	-.00659	.1974	-.02283	1.3139
#2	1.3688	.13108	.01243	.00409	-.00310	.2001	-.02290	1.4435
#3	1.3515	.12813	.01224	.00573	-.00419	.1978	-.02289	1.8353

Sample Name: K3125-25 Acquired: 5/31/2019 17:04:21 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13899 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1925
 Stddev .1186
 %RSD 1.6485

#1 7.0556
 #2 7.2594
 #3 7.2626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.8	49225.	4616.6	43.172	4283.3
Stddev	13.3	27.	30.1	1.153	5.3
%RSD	.36673	.05445	.65193	2.6699	.12402

#1	3623.4	49194.	4648.3	44.455	4280.3
#2	3631.0	49240.	4588.4	42.839	4280.1
#3	3605.2	49241.	4613.3	42.223	4289.4

Sample Name: K3125-26 Acquired: 5/31/2019 17:08:46 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13892 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01134	-.00737	.65817	-.17602	.11430	55.387	1.2229	.03568
Stddev	.00031	.00186	.00376	.00116	.00364	.247	.0038	.00043
%RSD	2.7196	25.201	.57062	.66089	3.1882	.44636	.31327	1.2084
#1	-.01150	-.00525	.66238	-.17731	.11798	55.148	1.2202	.03551
#2	-.01154	-.00813	.65516	-.17506	.11070	55.642	1.2273	.03535
#3	-.01099	-.00873	.65697	-.17569	.11422	55.370	1.2213	.03617
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04028	174.87	.34527	.06747	1.4602	283.73	5.7672	51.701
Stddev	.00016	.28	.00116	.00035	.0068	.31	.0308	.190
%RSD	.40406	.15779	.33733	.51401	.46473	.10814	.53391	.36760
#1	.04038	175.04	.34613	.06728	1.4680	283.41	5.7913	51.543
#2	.04038	175.01	.34574	.06787	1.4556	283.78	5.7779	51.912
#3	.04010	174.55	.34395	.06726	1.4569	284.02	5.7325	51.648
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29831	-.12248	695.97	.22620	7.8349	14.483	.04210	-.67023
Stddev	.00143	.00168	4.57	.00133	.0348	.089	.00014	.02091
%RSD	.47958	1.3683	.65699	.58643	.44362	.61302	.33146	3.1197
#1	.29691	-.12405	691.34	.22557	7.8726	14.399	.04211	-.64985
#2	.29977	-.12268	700.48	.22773	7.8279	14.474	.04223	-.69163
#3	.29826	-.12072	696.09	.22531	7.8042	14.576	.04195	-.66921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.977	F 48.640	.13885	3.1634	.05279	5.023	.28575	<.00000
Stddev	.009	.255	.00077	.0137	.00116	.011	.00242	.13205
%RSD	.05926	.52431	.55292	.43193	2.2046	.2146	.84546	4.8914
#1	15.987	48.904	.13938	3.1487	.05145	5.036	.28760	-2.7149
#2	15.971	48.623	.13797	3.1757	.05337	5.015	.28664	-2.5606
#3	15.971	48.394	.13921	3.1659	.05356	5.020	.28302	-2.8234

Sample Name: K3125-26 Acquired: 5/31/2019 17:08:46 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13892 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev -----
%RSD -----

#1 ^ ----
#2 ^ ----
#3 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.9	44587.	4367.9	37.075	2947.0
Stddev	21.1	189.	33.3	1.111	17.6
%RSD	.61484	.42294	.76200	2.9975	.59684

#1	3413.6	44515.	4338.3	38.289	2928.2
#2	3442.0	44444.	4361.5	36.828	2949.8
#3	3454.9	44800.	4404.0	36.108	2963.0

Sample Name: K3097-01 Acquired: 5/31/2019 17:13:19 Type: Unk
Method: P4-ICP2(v3161) 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	.02305	.00111	.51621	-.02793	.00690	106.56	1.8551	.01544
Stddev	.00223	.00257	.00303	.00210	.00055	.41	.0040	.00001
%RSD	9.6655	231.15	.58652	7.5259	8.0022	.38875	.21550	.08896
#1	.02562	-.00173	.51354	-.03005	.00648	106.73	1.8573	.01545
#2	.02176	.00179	.51950	-.02585	.00752	106.08	1.8505	.01543
#3	.02175	.00328	.51558	-.02789	.00669	106.86	1.8575	.01543
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	464.22	.36296	.12322	.32844	137.21	7.1782	85.495
Stddev	.00012	.94	.00034	.00030	.00124	.53	.0298	.715
%RSD	1.9878	.20146	.09419	.24186	.37706	.38407	.41569	.83602
#1	.00633	463.16	.36280	.12305	.32963	137.58	7.1443	84.828
#2	.00613	464.91	.36272	.12305	.32716	137.45	7.2002	85.407
#3	.00636	464.59	.36335	.12357	.32854	136.61	7.1903	86.249
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31308	-.02552	9.1525	.24702	1.1074	26.170	.00179	-.05318
Stddev	.00031	.00020	.0179	.00088	.0040	.087	.00026	.00513
%RSD	.10025	.79934	.19558	.35532	.35800	.33163	14.535	9.6455
#1	.31327	-.02548	9.1631	.24636	1.1028	26.266	.00209	-.05481
#2	.31272	-.02533	9.1319	.24802	1.1098	26.098	.00162	-.04743
#3	.31325	-.02574	9.1627	.24669	1.1095	26.146	.00166	-.05729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.730	6.0294	.13699	2.0204	.26998	8.313	.82993	<.00000
Stddev	.107	.0475	.00065	.0120	.00168	.014	.00077	.11375
%RSD	.32769	.78829	.47747	.59234	.62308	.1708	.09329	7.3334
#1	32.621	5.9996	.13636	2.0073	.26934	8.330	.82969	-1.5273
#2	32.835	6.0842	.13767	2.0231	.27188	8.308	.82930	-1.6749
#3	32.734	6.0043	.13695	2.0308	.26870	8.303	.83079	-1.4512

Sample Name: K3097-01 Acquired: 5/31/2019 17:13:19 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.083
Stddev	.667
%RSD	.95159

#1	69.514
#2	69.916
#3	70.817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.4	52538.	5010.5	38.966	3213.9
Stddev	3.2	118.	13.8	.302	9.3
%RSD	.08000	.22405	.27597	.77425	.28950

#1	4011.9	52407.	5015.3	38.868	3224.6
#2	4005.7	52575.	4995.0	38.725	3208.4
#3	4007.7	52633.	5021.4	39.304	3208.6

Sample Name: K3097-02 Acquired: 5/31/2019 17:17:52 Type: Unk
Method: P4-ICP2(v3161) 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	.04014	.00262	.96950	-.02110	.00433	98.986	1.9240	.01347
Stddev	.00552	.00107	.00328	.00267	.00280	.431	.0072	.00009
%RSD	13.748	40.777	.33876	12.651	64.547	.43493	.37498	.69270

#1	.03441	.00222	.96706	-.02418	.00750	98.598	1.9162	.01350
#2	.04541	.00384	.96820	-.01955	.00223	98.910	1.9254	.01337
#3	.04061	.00181	.97324	-.01956	.00326	99.449	1.9304	.01355

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00484	405.12	.35079	.10783	.87873	126.92	6.2223	62.068
Stddev	.00004	.45	.00016	.00012	.00128	.07	.0080	.309
%RSD	.79375	.11003	.04419	.11027	.14621	.05891	.12885	.49859

#1	.00488	404.73	.35062	.10773	.87914	127.00	6.2132	61.711
#2	.00484	405.60	.35092	.10796	.87976	126.92	6.2255	62.232
#3	.00480	405.04	.35083	.10781	.87729	126.85	6.2283	62.261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28798	-.01826	9.8342	.20656	1.1234	22.129	.00249	-.02717
Stddev	.00116	.00020	.0215	.00099	.0049	.043	.00040	.01701
%RSD	.40199	1.1014	.21849	.47845	.43965	.19305	16.044	62.610

#1	.28703	-.01818	9.8094	.20609	1.1177	22.113	.00295	-.01091
#2	.28765	-.01812	9.8454	.20589	1.1265	22.096	.00232	-.02575
#3	.28927	-.01849	9.8477	.20770	1.1260	22.177	.00221	-.04484

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.138	5.4006	.15014	1.6477	.24063	7.585	1.0948	<.00000
Stddev	.074	.0606	.00169	.0045	.00048	.012	.0014	.11029
%RSD	.33264	1.1224	1.1275	.27490	.19896	.1516	.12837	8.4477

#1	22.054	5.4600	.14837	1.6433	.24084	7.588	1.0963	-1.1810
#2	22.194	5.4029	.15032	1.6474	.24008	7.573	1.0937	-1.3447
#3	22.166	5.3388	.15174	1.6524	.24096	7.595	1.0943	-1.3910

Sample Name: K3097-02 Acquired: 5/31/2019 17:17:52 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	59.882
Stddev	1.093
%RSD	1.8256

#1	59.461
#2	59.062
#3	61.123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.4	52196.	4972.0	37.995	3280.4
Stddev	10.8	92.	31.5	1.607	9.4
%RSD	.27079	.17660	.63269	4.2294	.28566

#1	3971.7	52132.	4943.7	37.654	3289.1
#2	3968.7	52154.	4966.3	36.586	3270.5
#3	3988.7	52301.	5005.8	39.746	3281.5

Sample Name: CCV06 Acquired: 5/31/2019 17:29:59 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 251810 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8973	4.9247	4.8902	5.0128	5.0339	9.8106	9.9539	.25405
Stddev	.0127	.0150	.0075	.0077	.0071	.0157	.0615	.00052
%RSD	.26035	.30348	.15287	.15464	.14025	.15978	.61746	.20647
#1	4.8910	4.9416	4.8950	5.0217	5.0338	9.7993	9.9808	.25352
#2	4.9120	4.9133	4.8816	5.0088	5.0409	9.8039	9.9974	.25457
#3	4.8889	4.9190	4.8940	5.0079	5.0268	9.8285	9.8836	.25407
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4563	24.226	.96797	2.4786	1.2481	4.8466	2.5091	24.575
Stddev	.0045	.049	.00167	.0042	.0023	.0092	.0025	.238
%RSD	.18427	.20319	.17282	.17027	.18656	.19025	.09940	.96891
#1	2.4612	24.187	.96988	2.4829	1.2506	4.8550	2.5099	24.497
#2	2.4522	24.210	.96679	2.4784	1.2477	4.8481	2.5110	24.842
#3	2.4555	24.281	.96723	2.4745	1.2460	4.8367	2.5062	24.386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4343	1.2261	24.750	2.4283	2.4621	23.732	4.9005	4.7846
Stddev	.0058	.0020	.179	.0040	.0033	.135	.0063	.0404
%RSD	.23756	.16615	.72400	.16393	.13443	.56681	.12935	.84451
#1	2.4404	1.2279	24.840	2.4237	2.4659	23.807	4.8936	4.7407
#2	2.4289	1.2239	24.866	2.4307	2.4606	23.812	4.9060	4.8203
#3	2.4337	1.2264	24.543	2.4305	2.4598	23.576	4.9019	4.7929
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9210	4.6268	4.7967	4.8013	4.7474	5.139	4.9352	F 2.8738
Stddev	.0276	.0322	.0201	.0167	.0232	.016	.0207	.1380
%RSD	.56017	.69647	.41869	.34794	.48777	.3086	.41909	4.8031
#1	4.9425	4.6353	4.8186	4.7942	4.7703	5.154	4.9590	2.7216
#2	4.9305	4.5912	4.7924	4.7893	4.7240	5.140	4.9250	2.9910
#3	4.8899	4.6540	4.7792	4.8203	4.7479	5.123	4.9216	2.9086

Sample Name: CCV06 Acquired: 5/31/2019 17:29:59 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 251810 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7330
Stddev .2216
%RSD 8.1092

#1 2.5629
#2 2.6525
#3 2.9837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.5	46776.	4172.7	39.365	3591.7
Stddev	4.0	147.	30.6	.698	4.8
%RSD	.11080	.31490	.73362	1.7732	.13254

#1	3594.1	46606.	4151.3	40.116	3586.7
#2	3586.9	46868.	4207.8	38.737	3596.2
#3	3587.6	46853.	4159.1	39.241	3592.1

Sample Name: CCB06 Acquired: 5/31/2019 17:33:57 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00229	.00153	-.00080	-.00160	-.00137	-.00756	.00049	.00008
Stddev	.00063	.00109	.00052	.00086	.00152	.00788	.00019	.00002
%RSD	27.698	71.379	64.702	53.928	110.90	104.32	39.128	24.689
#1	-.00156	.00259	-.00106	-.00214	.00035	-.01593	.00044	.00009
#2	-.00254	.00159	-.00114	-.00205	-.00256	-.00645	.00070	.00009
#3	-.00275	.00041	-.00020	-.00060	-.00191	-.00029	.00033	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00645	-.00038	.00012	-.00055	-.00032	.00001	.03778
Stddev	.00004	.01208	.00029	.00013	.00026	.00038	.00006	.00907
%RSD	53.626	187.27	75.759	112.42	47.672	121.61	1131.6	24.016
#1	.00005	-.01993	-.00057	.00002	-.00067	-.00000	.00002	.02884
#2	.00006	.00341	-.00053	.00027	-.00072	-.00075	.00006	.04698
#3	.00013	-.00283	-.00005	.00007	-.00025	-.00020	-.00006	.03752
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00025	.03050	.00019	-.00009	.03799	.00057	-.00399
Stddev	.00032	.00015	.00412	.00037	.00002	.02099	.00023	.00777
%RSD	280.45	59.170	13.519	190.50	23.799	55.264	41.048	194.76
#1	.00040	-.00041	.02605	.00012	-.00010	.03718	.00073	.00142
#2	-.00024	-.00023	.03418	-.00013	-.00006	.05938	.00067	-.00050
#3	.00018	-.00012	.03129	.00059	-.00010	.01741	.00030	-.01290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00154	-.00257	.00145	-.00071	-.0018	.00006	F 1.3242
Stddev	.00164	.00250	.00017	.00156	.00071	.0013	.00001	.0719
%RSD	132.96	161.97	6.4348	107.68	99.067	71.01	22.510	5.4285
#1	.00033	-.00315	-.00262	-.00028	-.00151	-.0028	.00008	1.4019
#2	-.00108	.00134	-.00271	.00187	-.00014	-.0022	.00006	1.3108
#3	-.00295	-.00281	-.00239	.00275	-.00050	-.0004	.00005	1.2600

Sample Name: CCB06 Acquired: 5/31/2019 17:33:57 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .00814
Stddev .13719
%RSD 1686.1

#1 -.04730
#2 -.09266
#3 .16437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.6	49536.	4253.0	41.217	4052.4
Stddev	15.7	85.	23.0	.137	24.1
%RSD	.41526	.17228	.54166	.33278	.59473

#1	3789.6	49445.	4228.6	41.100	4079.5
#2	3764.7	49548.	4274.3	41.368	4033.6
#3	3793.7	49614.	4256.2	41.184	4044.0

Sample Name: K3097-03 Acquired: 5/31/2019 17:38:26 Type: Unk
Method: P4-ICP2(v3161) 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	.02024	.00137	.72568	-.02362	.00054	76.855	1.4263	.01077
Stddev	.00248	.00128	.00252	.00312	.00245	.320	.0017	.00004
%RSD	12.230	93.155	.34771	13.229	452.74	.41675	.11860	.35731
#1	.02100	.00070	.72638	-.02004	.00325	77.186	1.4282	.01082
#2	.02225	.00284	.72288	-.02502	-.00151	76.547	1.4258	.01074
#3	.01748	.00057	.72778	-.02579	-.00011	76.833	1.4250	.01076
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	469.05	.37935	.10510	.30825	117.64	7.0349	55.478
Stddev	.00018	1.61	.00039	.00030	.00010	.35	.0116	.181
%RSD	3.1688	.34311	.10211	.28296	.03307	.29334	.16464	.32608
#1	.00579	468.55	.37978	.10478	.30826	117.59	7.0277	55.446
#2	.00567	470.85	.37903	.10536	.30814	118.00	7.0287	55.673
#3	.00603	467.75	.37924	.10515	.30835	117.32	7.0482	55.315
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30429	-.01744	7.9218	.18334	1.1613	18.539	.00538	-.02268
Stddev	.00066	.00040	.0097	.00127	.0018	.118	.00012	.01052
%RSD	.21662	2.2898	.12241	.69469	.15559	.63834	2.2473	46.400
#1	.30415	-.01718	7.9330	.18188	1.1612	18.675	.00534	-.01219
#2	.30370	-.01724	7.9161	.18390	1.1596	18.467	.00528	-.02260
#3	.30500	-.01790	7.9164	.18423	1.1632	18.474	.00552	-.03324
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.912	5.5548	.02421	1.5490	.19245	7.254	1.0748	<.00000
Stddev	.043	.0238	.00099	.0136	.00098	.014	.0025	.19944
%RSD	.15466	.42804	4.1070	.87826	.51092	.1886	.23219	71.765
#1	27.962	5.5596	.02534	1.5342	.19334	7.242	1.0767	-.37666
#2	27.881	5.5758	.02384	1.5608	.19139	7.269	1.0757	-.40872
#3	27.894	5.5290	.02345	1.5521	.19262	7.251	1.0719	-.04836

Sample Name: K3097-03 Acquired: 5/31/2019 17:38:26 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	54.294
Stddev	.741
%RSD	1.3643

#1	53.553
#2	54.296
#3	55.035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.3	51984.	4946.5	37.625	3245.4
Stddev	1.8	119.	17.8	1.258	2.3
%RSD	.04567	.22797	.35987	3.3438	.07129

#1	3950.2	51861.	4944.5	39.078	3245.9
#2	3947.8	51993.	4929.9	36.918	3247.5
#3	3946.7	52097.	4965.3	36.880	3242.9

Sample Name: K3109-01 Acquired: 5/31/2019 17:42:52 Type: Unk
Method: P4-ICP2(v3161) 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	.04375	-.00402	.12296	-.02725	.00341	144.22	.91108	.01037
Stddev	.00253	.00284	.00423	.00259	.00088	.30	.00178	.00033
%RSD	5.7776	70.568	3.4378	9.5067	25.939	.20476	.19537	3.1673
#1	.04132	-.00721	.12733	-.03017	.00260	144.23	.90991	.01011
#2	.04357	-.00176	.12266	-.02521	.00435	143.91	.91021	.01025
#3	.04636	-.00309	.11889	-.02638	.00328	144.50	.91313	.01074
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	1317.0	.20539	.05548	.19659	106.11	3.2495	207.93
Stddev	.00016	27.0	.00097	.00023	.00035	.27	.0057	.83
%RSD	5.8787	2.0494	.47333	.42194	.17789	.25798	.17445	.39922
#1	.00268	1291.6	.20495	.05556	.19685	105.88	3.2521	207.51
#2	.00250	1314.1	.20471	.05522	.19619	106.41	3.2430	207.40
#3	.00282	1345.3	.20650	.05567	.19674	106.04	3.2535	208.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15770	-.02055	6.9125	.22282	1.1593	15.842	.00912	.11551
Stddev	.00052	.00068	.0183	.00007	.0024	.069	.00012	.01427
%RSD	.32977	3.3006	.26512	.03205	.20575	.43702	1.3423	12.351
#1	.15816	-.02093	6.9163	.22276	1.1566	15.869	.00903	.10883
#2	.15714	-.01977	6.8926	.22280	1.1600	15.763	.00906	.10581
#3	.15780	-.02095	6.9287	.22289	1.1612	15.894	.00926	.13189
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.959	.42514	.00959	4.0865	.15870	6.365	4.9980	2.7783
Stddev	.101	.00660	.00152	.0232	.00068	.006	.0537	.0545
%RSD	.27430	1.5531	15.870	.56852	.42997	.0993	1.0736	1.9605
#1	36.879	.41835	.00797	4.0603	.15911	6.372	4.9578	2.8394
#2	36.925	.42554	.01099	4.0944	.15907	6.365	4.9774	2.7609
#3	37.073	.43153	.00980	4.1047	.15791	6.359	5.0589	2.7347

Sample Name: K3109-01 Acquired: 5/31/2019 17:42:52 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	46.690
Stddev	.265
%RSD	.56732

#1	46.391
#2	46.895
#3	46.784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.0	45060.	4524.8	36.667	2882.6
Stddev	7.8	126.	29.0	1.716	7.2
%RSD	.22675	.28046	.64132	4.6797	.25107

#1	3461.0	44968.	4542.1	34.703	2889.6
#2	3447.2	45204.	4540.9	37.875	2883.2
#3	3447.8	45007.	4491.3	37.422	2875.1

Sample Name: K3110-01 Acquired: 5/31/2019 17:47:31 Type: Unk
Method: P4-ICP2(v3161) 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	.00883	.00166	.00762	-.00062	-.00020	15.514	.02631	.00279
Stddev	.00081	.00135	.00026	.00331	.00088	.026	.00034	.00009
%RSD	9.2141	81.694	3.3541	532.30	433.78	.16767	1.2992	3.1274

#1	.00846	.00254	.00788	-.00424	.00067	15.501	.02649	.00288
#2	.00977	.00233	.00761	.00013	-.00018	15.497	.02652	.00279
#3	.00827	.00010	.00737	.00225	-.00110	15.544	.02591	.00271

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00222	11.265	.02905	.00169	.01618	65.296	.06210	.15610
Stddev	.00000	.031	.00037	.00021	.00012	.134	.00039	.04941
%RSD	.13226	.27692	1.2822	12.615	.77110	.20510	.63369	31.653

#1	-.00221	11.299	.02941	.00145	.01606	65.433	.06252	.11419
#2	-.00222	11.257	.02866	.00187	.01617	65.290	.06175	.21058
#3	-.00221	11.239	.02907	.00174	.01631	65.166	.06204	.14354

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00380	.08026	.06295	.06269	.77876	.01199	-.01194
Stddev	.00045	.00054	.00086	.00052	.00038	.03598	.00006	.01095
%RSD	84.962	14.182	1.0679	.82434	.60966	4.6205	.46780	91.723

#1	-.00016	-.00434	.07948	.06354	.06265	.74471	.01199	-.00319
#2	-.00103	-.00381	.08118	.06257	.06232	.77516	.01204	-.00840
#3	-.00040	-.00326	.08011	.06273	.06309	.81640	.01193	-.02422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40408	2.6005	-.00070	.60410	-.00356	.5093	-.06838	.38040
Stddev	.00215	.0073	.00052	.01024	.00060	.0036	.00011	.08211
%RSD	.53278	.27959	73.945	1.6956	16.769	.7012	.16734	21.585

#1	.40534	2.6012	-.00109	.59756	-.00375	.5060	-.06848	.37404
#2	.40159	2.6073	-.00011	.59883	-.00404	.5131	-.06839	.46550
#3	.40530	2.5928	-.00089	.61590	-.00289	.5088	-.06826	.30165

Sample Name: K3110-01 Acquired: 5/31/2019 17:47:31 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 22.601
 Stddev .472
 %RSD 2.0885

#1 23.133
 #2 22.438
 #3 22.232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.2	51168.	4478.4	41.942	3995.4
Stddev	19.0	150.	17.3	1.137	14.9
%RSD	.48828	.29265	.38531	2.7106	.37171

#1	3905.6	51022.	4458.6	40.743	4003.8
#2	3870.5	51161.	4486.9	42.080	4004.2
#3	3900.7	51322.	4489.8	43.005	3978.2

Sample Name: K3117-01 Acquired: 5/31/2019 17:52:02 Type: Unk
Method: P4-ICP2(v3161) 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	.04827	-.01710	4.4171	-.01820	.00242	171.27	.88171	.01120
Stddev	.00156	.00142	.0067	.00194	.00087	.62	.00449	.00010
%RSD	3.2372	8.3008	.15235	10.670	36.022	.36122	.50886	.91192
#1	.04659	-.01676	4.4183	-.01835	.00343	170.56	.87654	.01131
#2	.04969	-.01588	4.4099	-.02007	.00187	171.56	.88399	.01117
#3	.04852	-.01865	4.4232	-.01619	.00197	171.69	.88459	.01111
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	827.24	.60080	.23982	.24086	86.258	2.6809	58.458
Stddev	.00017	6.37	.00212	.00024	.00068	.200	.0032	.283
%RSD	2.9316	.77052	.35246	.09844	.28208	.23205	.11885	.48476
#1	.00552	823.05	.60228	.23994	.24011	86.391	2.6785	58.219
#2	.00582	834.58	.60174	.23996	.24103	86.027	2.6845	58.771
#3	.00580	824.10	.59837	.23954	.24143	86.354	2.6798	58.386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07782	-.01615	22.132	.30320	1.5261	26.373	.00385	.15439
Stddev	.00066	.00027	.071	.00085	.0018	.028	.00034	.01608
%RSD	.84506	1.6794	.32145	.28130	.11637	.10558	8.7785	10.418
#1	.07807	-.01586	22.054	.30250	1.5265	26.389	.00383	.15585
#2	.07832	-.01620	22.193	.30295	1.5241	26.388	.00420	.13763
#3	.07708	-.01639	22.149	.30415	1.5276	26.340	.00352	.16970
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 67.581	.67620	-.00384	5.8278	.14895	7.891	3.9521	1.5865
Stddev	.023	.01183	.00148	.0177	.00050	.013	.0310	.1795
%RSD	.03382	1.7493	38.472	.30350	.33891	.1661	.78359	11.316
#1	67.588	.67006	-.00476	5.8075	.14846	7.878	3.9262	1.3830
#2	67.599	.68984	-.00462	5.8358	.14946	7.891	3.9864	1.6539
#3	67.555	.66871	-.00214	5.8401	.14892	7.904	3.9437	1.7226

Sample Name: K3117-01 Acquired: 5/31/2019 17:52:02 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 37.909
Stddev .502
%RSD 1.3253

#1 38.478
#2 37.723
#3 37.526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.9	49658.	4892.5	36.344	3047.1
Stddev	9.9	136.	32.6	1.684	4.2
%RSD	.26187	.27315	.66664	4.6343	.13625

#1	3773.9	49505.	4883.0	34.968	3042.5
#2	3754.8	49705.	4865.7	38.222	3048.2
#3	3760.0	49763.	4928.8	35.841	3050.5

Sample Name: K3070-07 Acquired: 5/31/2019 17:56:29 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 14B-(1-4)-CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	.03379	.04646	-.01580	.01063	C .00000	.75812	.00193
Stddev	.00308	.00402	.00096	.01084	.00612	.00000	.00322	.00009
%RSD	341.73	11.890	2.0692	68.611	57.610	.00000	.42429	4.7485
#1	-.00048	.03184	.04720	-.00414	.01050	C .00000	.75653	.00186
#2	.00443	.03113	.04681	-.02556	.00457	C .00000	.75601	.00189
#3	-.00125	.03842	.04538	-.01769	.01681	C .00000	.76183	.00203
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	60.378	.00516	.01071	.20298	26.957	15.591	13.978
Stddev	.00010	.264	.00019	.00019	.00013	.012	.121	.093
%RSD	18.960	.43755	3.7349	1.8120	.06611	.04381	.77300	.66356
#1	.00057	60.618	.00494	.01051	.20293	26.970	15.722	13.873
#2	.00059	60.095	.00529	.01090	.20313	26.950	15.485	14.016
#3	.00041	60.420	.00526	.01073	.20287	26.949	15.565	14.047
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05726	-.00094	65.680	-.01202	.82724	5.0637	-.00284	.04253
Stddev	.00043	.00002	.209	.00065	.00279	.0401	.00072	.01445
%RSD	.75631	2.2055	.31849	5.3682	.33723	.79178	25.525	33.984
#1	.05770	-.00096	65.524	-.01157	.82945	5.0219	-.00360	.03453
#2	.05723	-.00093	65.599	-.01173	.82410	5.0675	-.00216	.03385
#3	.05684	-.00092	65.918	-.01276	.82816	5.1018	-.00276	.05922
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.707	F 36.736	.02261	.14244	.00099	F 54.59	.20676	.86112
Stddev	.166	.275	.00110	.00311	.00056	.19	.00101	.24253
%RSD	.37035	.74752	4.8628	2.1845	56.995	.3447	.49075	28.164
#1	44.785	37.048	.02317	.14547	.00162	54.75	.20788	.89195
#2	44.517	36.531	.02332	.14260	.00054	54.38	.20591	1.0868
#3	44.820	36.630	.02134	.13925	.00081	54.65	.20650	.60465

Sample Name: K3070-07 Acquired: 5/31/2019 17:56:29 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 14B-(1-4)-CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8912
Stddev	.0552
%RSD	.93769

#1	5.8477
#2	5.9534
#3	5.8725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4146.0	51949.	5326.9	40.054	3252.5
Stddev	7.1	142.	45.0	1.605	6.9
%RSD	.17117	.27290	.84481	4.0070	.21067

#1	4149.4	51858.	5275.9	38.274	3252.7
#2	4137.8	52112.	5361.0	40.496	3259.3
#3	4150.7	51876.	5343.8	41.391	3245.6

Sample Name: K3082-07 Acquired: 5/31/2019 18:01:05 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 14B-(1-4)-CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	.03615	.04579	-.01324	.01159	C .00000	.80475	.00195
Stddev	.00442	.00111	.00121	.00446	.00278	.00000	.00438	.00006
%RSD	75.639	3.0618	2.6453	33.669	24.024	.00000	.54380	3.2138
#1	.01088	.03592	.04537	-.01666	.00972	C .00000	.80038	.00189
#2	.00255	.03518	.04484	-.00820	.01026	C .00000	.80473	.00194
#3	.00412	.03736	.04715	-.01486	.01479	C .00000	.80914	.00202
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	64.327	.00545	.01107	.21400	27.462	16.096	14.329
Stddev	.00017	.272	.00017	.00021	.00058	.040	.053	.187
%RSD	32.187	.42305	3.1455	1.8634	.26930	.14403	.32742	1.3047
#1	.00069	64.106	.00560	.01108	.21356	27.456	16.041	14.168
#2	.00035	64.244	.00527	.01126	.21465	27.425	16.101	14.534
#3	.00056	64.631	.00549	.01085	.21380	27.504	16.146	14.286
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06087	-.00103	67.271	-.01331	.86698	5.4670	-.00249	.02801
Stddev	.00062	.00121	.238	.00029	.00308	.0604	.00069	.01531
%RSD	1.0178	117.47	.35431	2.2064	.35541	1.1057	27.792	54.685
#1	.06020	.00023	66.997	-.01299	.86962	5.4203	-.00240	.03884
#2	.06099	-.00219	67.389	-.01357	.86359	5.5353	-.00185	.03470
#3	.06142	-.00114	67.427	-.01337	.86772	5.4454	-.00323	.01048
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.980	F 39.048	.02480	.13374	.00014	F 58.92	.22737	.78422
Stddev	.168	.155	.00195	.00009	.00082	.24	.00052	.12835
%RSD	.34972	.39785	7.8502	.07096	586.42	.4007	.22727	16.367
#1	48.063	39.148	.02697	.13384	-.00020	59.07	.22684	.93141
#2	47.787	38.869	.02321	.13373	-.00046	58.64	.22740	.72561
#3	48.090	39.126	.02422	.13366	.00107	59.03	.22788	.69563

Sample Name: K3082-07 Acquired: 5/31/2019 18:01:05 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 14B-(1-4)-CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.3056
Stddev	.4872
%RSD	7.7259

#1	5.7517
#2	6.4973
#3	6.6677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4158.0	51825.	5318.9	39.105	3216.6
Stddev	5.1	169.	24.4	.788	12.8
%RSD	.12307	.32532	.45931	2.0162	.39703

#1	4159.2	51978.	5312.6	38.501	3207.5
#2	4162.4	51852.	5345.8	39.997	3231.2
#3	4152.4	51644.	5298.2	38.818	3211.2

Sample Name: K3085-01 Acquired: 5/31/2019 18:05:40 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01220	.00280	.07310	-.00520	-.00263	.10719	.55964	.00020
Stddev	.00097	.00061	.00044	.00092	.00108	.00572	.00220	.00006
%RSD	7.9442	21.729	.60424	17.692	40.940	5.3364	.39300	28.039
#1	.01185	.00213	.07279	-.00545	-.00164	.10837	.55825	.00021
#2	.01146	.00296	.07361	-.00418	-.00378	.11223	.55849	.00014
#3	.01330	.00332	.07291	-.00597	-.00246	.10097	.56217	.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	389.41	-.00090	.00099	.01441	1.2756	.98105	14.545
Stddev	.00002	1.03	.00038	.00013	.00013	.0086	.00190	.057
%RSD	11.968	.26341	42.337	13.606	.90674	.67819	.19325	.39215
#1	.00018	389.69	-.00123	.00114	.01427	1.2833	.97906	14.488
#2	.00018	390.27	-.00098	.00095	.01453	1.2663	.98284	14.547
#3	.00014	388.27	-.00049	.00088	.01442	1.2772	.98125	14.602
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00944	-.00140	50.315	-.00113	.04667	20.865	.00166	.41203
Stddev	.00016	.00022	.051	.00010	.00014	.028	.00015	.00538
%RSD	1.7263	15.623	.10157	9.2908	.29542	.13471	9.1927	1.3046
#1	.00943	-.00164	50.310	-.00105	.04677	20.876	.00176	.40944
#2	.00928	-.00137	50.266	-.00125	.04651	20.833	.00174	.41821
#3	.00961	-.00120	50.368	-.00109	.04674	20.886	.00148	.40844
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.256	5.8667	-.00613	-.00740	.25921	.0277	5.0235	3.6801
Stddev	.006	.0278	.00163	.00354	.00094	.0010	.0194	.2157
%RSD	.05741	.47418	26.536	47.801	.36344	3.709	.38576	5.8610
#1	10.255	5.8616	-.00448	-.00455	.25898	.0289	5.0262	3.5055
#2	10.262	5.8967	-.00773	-.01136	.26024	.0275	5.0414	3.9212
#3	10.251	5.8418	-.00617	-.00630	.25840	.0269	5.0029	3.6137

Sample Name: K3085-01 Acquired: 5/31/2019 18:05:40 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TANK-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1009
Stddev	.3757
%RSD	17.881

#1	1.8812
#2	2.5346
#3	1.8868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3450.4	45299.	4229.5	40.061	3465.8
Stddev	28.1	98.	32.6	.702	24.0
%RSD	.81538	.21640	.76980	1.7533	.69124

#1	3438.7	45256.	4214.5	40.638	3456.6
#2	3430.0	45230.	4207.2	39.279	3447.8
#3	3482.5	45412.	4266.9	40.265	3493.0

Sample Name: K3085-01DUP Acquired: 5/31/2019 18:10:02 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-3DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00909	.00287	.07238	-.00540	-.00243	.07769	.56135	.00017
Stddev	.00080	.00114	.00098	.00129	.00142	.02204	.00168	.00007
%RSD	8.7654	39.805	1.3551	23.924	58.720	28.366	.29907	42.349
#1	.00955	.00157	.07130	-.00666	-.00364	.10234	.56239	.00015
#2	.00817	.00334	.07322	-.00546	-.00086	.07084	.56224	.00025
#3	.00956	.00371	.07262	-.00408	-.00278	.05989	.55941	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	390.07	-.00085	.00110	.01431	1.2923	.98027	14.540
Stddev	.00005	1.78	.00020	.00012	.00023	.0040	.00271	.094
%RSD	59.719	.45663	23.913	10.794	1.6159	.30844	.27685	.64879
#1	.00013	390.95	-.00081	.00116	.01448	1.2960	.98290	14.538
#2	.00004	388.01	-.00068	.00117	.01441	1.2881	.98042	14.446
#3	.00006	391.23	-.00108	.00096	.01405	1.2930	.97748	14.635
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00901	-.00119	50.249	-.00122	.04578	20.794	.00180	.41468
Stddev	.00012	.00027	.133	.00035	.00017	.069	.00012	.00867
%RSD	1.3643	22.963	.26489	28.223	.37452	.33245	6.9512	2.0912
#1	.00905	-.00149	50.371	-.00147	.04571	20.857	.00194	.40851
#2	.00911	-.00112	50.269	-.00083	.04566	20.804	.00171	.42459
#3	.00887	-.00096	50.107	-.00138	.04598	20.720	.00175	.41093
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.188	5.8664	-.00600	-.00740	.26027	.0279	5.0335	3.7601
Stddev	.012	.0440	.00016	.00184	.00079	.0033	.0240	.0973
%RSD	.12110	.74973	2.5997	24.883	.30233	11.90	.47711	2.5865
#1	10.200	5.8754	-.00607	-.00787	.26096	.0303	5.0418	3.7206
#2	10.187	5.8186	-.00582	-.00537	.25941	.0293	5.0064	3.8709
#3	10.176	5.9052	-.00611	-.00896	.26044	.0241	5.0522	3.6888

Sample Name: K3085-01DUP Acquired: 5/31/2019 18:10:02 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TANK-3DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4917
Stddev	.3281
%RSD	13.169

#1	2.3492
#2	2.2589
#3	2.8670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.8	45471.	4231.6	40.949	3467.9
Stddev	14.9	188.	20.6	.059	11.2
%RSD	.43147	.41439	.48667	.14309	.32240

#1	3438.9	45284.	4215.0	40.901	3458.2
#2	3468.7	45469.	4254.7	40.930	3480.1
#3	3453.7	45660.	4225.1	41.014	3465.3

Sample Name: K3085-01LX5 Acquired: 5/31/2019 18:14:23 Type: Unk
Method: P4-ICP2(v3161) 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	.00088	.00169	.01508	-.00308	-.00271	.03124	.10912	.00012
Stddev	.00173	.00082	.00060	.00116	.00100	.01549	.00078	.00003
%RSD	195.76	48.338	4.0102	37.694	36.852	49.587	.71253	25.931

#1	-.00063	.00151	.01523	-.00280	-.00257	.03654	.10873	.00011
#2	.00052	.00098	.01559	-.00436	-.00378	.01380	.10862	.00010
#3	.00276	.00259	.01441	-.00209	-.00179	.04340	.11002	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	79.123	-.00055	.00030	.00310	.23204	.19968	2.9469
Stddev	.00005	.448	.00025	.00017	.00022	.00272	.00092	.0286
%RSD	98.331	.56562	45.388	57.086	7.1403	1.1715	.45912	.96975

#1	.00001	78.617	-.00084	.00027	.00294	.23406	.20024	2.9160
#2	.00011	79.469	-.00042	.00015	.00300	.22895	.19862	2.9522
#3	.00003	79.282	-.00040	.00049	.00335	.23311	.20018	2.9725

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00042	9.5025	-.00009	.00840	4.0213	-.00009	.07448
Stddev	.00010	.00042	.0072	.00042	.00013	.0103	.00005	.00966
%RSD	6.1440	100.20	.07537	470.52	1.5987	.25696	56.895	12.964

#1	.00159	-.00076	9.5027	-.00005	.00855	4.0232	-.00012	.07569
#2	.00170	.00005	9.4952	-.00052	.00829	4.0305	-.00013	.06428
#3	.00180	-.00054	9.5096	.00030	.00837	4.0101	-.00003	.08348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8958	1.2204	-.00313	-.00235	.05055	.0036	1.0179	2.5140
Stddev	.0052	.0045	.00031	.00056	.00087	.0003	.0014	.0391
%RSD	.27254	.36695	9.9792	23.655	1.7280	7.389	.14099	1.5542

#1	1.9017	1.2153	-.00349	-.00222	.04980	.0038	1.0164	2.5379
#2	1.8921	1.2235	-.00290	-.00296	.05034	.0037	1.0192	2.5352
#3	1.8936	1.2224	-.00300	-.00187	.05151	.0033	1.0180	2.4689

Sample Name: K3085-01LX5 Acquired: 5/31/2019 18:14:23 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.51121
Stddev	.24091
%RSD	47.126

#1	.28764
#2	.47963
#3	.76636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.0	47325.	4211.4	40.699	3798.8
Stddev	14.0	75.	9.7	1.242	12.1
%RSD	.38500	.15953	.22939	3.0514	.31802

#1	3624.3	47241.	4216.2	42.069	3785.7
#2	3640.4	47388.	4200.3	40.381	3801.2
#3	3652.2	47345.	4217.7	39.647	3809.5

Sample Name: K3085-01MS Acquired: 5/31/2019 18:18:48 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-3MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78452	1.8555	1.0098	2.0088	.75494	2.0847	.76690	.20688
Stddev	.00309	.0045	.0018	.0110	.00108	.0681	.02872	.00780
%RSD	.39329	.24457	.18038	.54923	.14245	3.2656	3.7443	3.7686
#1	.78789	1.8586	1.0119	2.0127	.75576	2.0478	.75203	.20402
#2	.78184	1.8575	1.0087	2.0173	.75533	2.1632	.80000	.21571
#3	.78382	1.8503	1.0088	1.9963	.75372	2.0430	.74866	.20092
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18780	396.00	.35300	.19232	.30629	4.1099	1.1829	16.565
Stddev	.00012	2.70	.01452	.00013	.00108	.1619	.0427	.604
%RSD	.06535	.68261	4.1122	.06570	.35203	3.9397	3.6110	3.6434
#1	.18793	392.99	.34925	.19227	.30643	4.0677	1.1710	16.295
#2	.18778	398.20	.36903	.19246	.30515	4.2888	1.2304	17.257
#3	.18769	396.82	.34073	.19222	.30729	3.9733	1.1475	16.144
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48508	.07240	53.644	.29583	.24699	31.131	.37426	.71895
Stddev	.00152	.00262	1.986	.01011	.00061	1.174	.00125	.02726
%RSD	.31260	3.6253	3.7015	3.4182	.24542	3.7715	.33503	3.7921
#1	.48595	.07116	52.807	.29356	.24716	30.776	.37534	.70083
#2	.48333	.07541	55.911	.30689	.24750	32.441	.37289	.75031
#3	.48597	.07062	52.215	.28705	.24632	30.175	.37455	.70571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.195	6.7425	.63025	.17321	.45845	6.322	5.2740	4.1286
Stddev	.039	.0318	.00145	.00134	.00229	.023	.0318	.6560
%RSD	.38721	.47131	.23019	.77416	.50047	.3610	.60295	15.889
#1	10.222	6.7232	.62946	.17456	.45679	6.346	5.2377	4.0908
#2	10.213	6.7792	.63192	.17318	.45750	6.321	5.2969	4.8027
#3	10.149	6.7252	.62936	.17188	.46107	6.300	5.2873	3.4923

Sample Name: K3085-01MS Acquired: 5/31/2019 18:18:48 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-3MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2419
Stddev	.2209
%RSD	9.8538

#1	2.4891
#2	2.0636
#3	2.1731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.9	45102.	4172.5	40.443	3458.5
Stddev	12.3	1422.	10.4	.604	9.7
%RSD	.35476	3.1519	.24991	1.4941	.28179

#1	3441.8	45578.	4175.3	39.751	3447.6
#2	3466.3	43504.	4181.3	40.867	3466.4
#3	3453.7	46225.	4161.0	40.710	3461.6

Sample Name: CCV07 Acquired: 5/31/2019 18:22:51 Type: Unk
Method: P4-ICP2(v3161) 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	4.9779	4.9586	4.9354	5.0856	5.0709	9.9524	10.007	.25365
Stddev	.0117	.0103	.0105	.0190	.0182	.0404	.049	.00023
%RSD	.23534	.20713	.21207	.37337	.35894	.40568	.49096	.09249
#1	4.9717	4.9494	4.9247	5.0880	5.0809	9.9060	10.061	.25360
#2	4.9914	4.9567	4.9359	5.1033	5.0818	9.9790	9.9645	.25390
#3	4.9705	4.9697	4.9456	5.0656	5.0499	9.9724	9.9966	.25344
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4705	24.369	.97330	2.4884	1.2600	4.8716	2.5134	25.042
Stddev	.0014	.106	.00168	.0018	.0037	.0178	.0041	.256
%RSD	.05568	.43558	.17245	.07414	.29491	.36458	.16268	1.0212
#1	2.4689	24.250	.97144	2.4878	1.2633	4.8527	2.5096	24.765
#2	2.4714	24.403	.97378	2.4868	1.2606	4.8879	2.5177	25.090
#3	2.4713	24.454	.97469	2.4904	1.2560	4.8743	2.5129	25.270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4603	1.2371	25.033	2.4581	2.4867	24.293	4.9723	4.8916
Stddev	.0004	.0008	.106	.0022	.0024	.051	.0049	.0383
%RSD	.01674	.06806	.42423	.08905	.09848	.21118	.09799	.78353
#1	2.4599	1.2380	25.022	2.4557	2.4841	24.295	4.9708	4.8818
#2	2.4602	1.2366	24.933	2.4601	2.4870	24.241	4.9778	4.8592
#3	2.4607	1.2365	25.144	2.4584	2.4890	24.343	4.9684	4.9339
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0250	4.6737	4.8539	4.8626	4.7633	5.216	4.9259	F 3.0318
Stddev	.0100	.0127	.0159	.0216	.0218	.012	.0143	.2776
%RSD	.19881	.27076	.32765	.44525	.45818	.2381	.29112	9.1576
#1	5.0293	4.6687	4.8397	4.8393	4.7714	5.203	4.9222	3.1292
#2	5.0321	4.6643	4.8510	4.8666	4.7386	5.216	4.9138	3.2476
#3	5.0135	4.6881	4.8711	4.8820	4.7800	5.228	4.9417	2.7186

Sample Name: CCV07 Acquired: 5/31/2019 18:22:51 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2087
Stddev .4194
%RSD 18.987

#1 1.7562
#2 2.2857
#3 2.5842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.7	46719.	4205.0	38.951	3574.1
Stddev	9.5	115.	10.1	1.118	1.4
%RSD	.26518	.24573	.24121	2.8703	.03928

#1	3570.1	46630.	4196.2	39.330	3572.5
#2	3574.7	46849.	4216.1	39.831	3574.7
#3	3588.3	46677.	4202.6	37.693	3575.1

Sample Name: CCB07 Acquired: 5/31/2019 18:26:55 Type: Unk
Method: P4-ICP2(v3161) 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	.00057	.00149	-.00109	-.00208	-.00258	-.00595	.00040	.00006
Stddev	.00094	.00097	.00058	.00069	.00055	.00320	.00039	.00005
%RSD	165.98	65.059	53.256	33.169	21.382	53.771	97.182	70.649
#1	-.00033	.00084	-.00066	-.00141	-.00207	-.00488	.00002	.00003
#2	.00049	.00260	-.00085	-.00205	-.00316	-.00342	.00039	.00012
#3	.00154	.00102	-.00175	-.00279	-.00251	-.00954	.00079	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00697	-.00050	.00024	-.00036	-.00063	-.00000	.07495
Stddev	.00001	.00782	.00018	.00022	.00007	.00045	.00005	.03235
%RSD	29.550	112.19	35.795	92.057	20.502	71.161	4452.5	43.160
#1	.00004	-.00562	-.00036	.00039	-.00041	-.00075	-.00005	.06755
#2	.00006	.00009	-.00070	.00035	-.00027	-.00013	.00000	.04695
#3	.00003	-.01537	-.00043	-.00001	-.00040	-.00100	.00005	.11036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00036	-.00949	-.00018	-.00039	.00871	.00044	-.00828
Stddev	.00017	.00019	.00936	.00055	.00008	.02189	.00014	.01091
%RSD	231.61	52.176	98.656	301.78	21.727	251.38	32.860	131.75
#1	-.00005	-.00017	-.01641	-.00039	-.00040	-.01449	.00041	-.02067
#2	.00027	-.00038	-.01321	-.00060	-.00030	.01162	.00060	-.00403
#3	-.00000	-.00054	.00116	.00044	-.00047	.02899	.00032	-.00014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00499	-.00048	-.00296	.00229	-.00133	-.0012	.00017	F 1.4513
Stddev	.00255	.00272	.00069	.00175	.00046	.0023	.00006	.1805
%RSD	51.123	565.07	23.453	76.227	34.402	193.0	34.887	12.439
#1	.00483	.00242	-.00316	.00357	-.00182	.0014	.00023	1.3134
#2	.00252	-.00297	-.00219	.00030	-.00124	-.0019	.00019	1.3848
#3	.00761	-.00089	-.00353	.00301	-.00092	-.0030	.00011	1.6556

Sample Name: CCB07 Acquired: 5/31/2019 18:26:55 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .06155
Stddev	.41678
%RSD	677.08

#1	.45781
#2	.09994
#3	-.37309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.0	48825.	4179.4	40.785	4014.4
Stddev	17.1	175.	28.7	1.415	14.9
%RSD	.45707	.35814	.68776	3.4692	.37185

#1	3746.8	48752.	4168.0	39.934	4028.5
#2	3733.0	49025.	4158.1	40.002	4016.0
#3	3767.1	48699.	4212.1	42.418	3998.7

Sample Name: K3085-01MSD Acquired: 5/31/2019 18:31:24 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-3MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79130	1.8674	1.0141	2.0193	.75876	2.0779	.76118	.20633
Stddev	.00213	.0019	.0008	.0052	.00250	.0257	.00281	.00068
%RSD	.26975	.10280	.08283	.25776	.33007	1.2347	.36935	.32873
#1	.79267	1.8651	1.0131	2.0251	.75669	2.0491	.75935	.20588
#2	.79240	1.8685	1.0144	2.0151	.76154	2.0981	.75978	.20711
#3	.78884	1.8685	1.0147	2.0178	.75804	2.0866	.76442	.20601
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18850	406.19	.35321	.19365	.30766	4.1077	1.1795	16.558
Stddev	.00043	10.46	.00050	.00031	.00065	.0107	.0017	.099
%RSD	.22759	2.5741	.14237	.15951	.21014	.25946	.14592	.59881
#1	.18805	399.88	.35378	.19339	.30708	4.0963	1.1791	16.470
#2	.18890	400.43	.35304	.19358	.30836	4.1174	1.1814	16.538
#3	.18856	418.26	.35282	.19399	.30755	4.1092	1.1781	16.665
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48847	.07266	53.298	.29545	.25393	30.944	.37658	.71857
Stddev	.00155	.00039	.121	.00182	.00061	.050	.00086	.01910
%RSD	.31818	.53845	.22773	.61733	.24131	.16226	.22936	2.6587
#1	.48673	.07272	53.200	.29517	.25326	30.977	.37566	.69835
#2	.48971	.07224	53.259	.29740	.25446	30.887	.37671	.73631
#3	.48898	.07302	53.434	.29379	.25408	30.970	.37737	.72104
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.259	6.9490	.63338	.17940	.46969	6.362	5.3959	3.7509
Stddev	.035	.1533	.00057	.00667	.01427	.025	.1396	.0348
%RSD	.34245	2.2064	.09038	3.7202	3.0375	.3916	2.5877	.92819
#1	10.228	6.8399	.63404	.17513	.45968	6.335	5.3043	3.7816
#2	10.297	6.8829	.63304	.17599	.46337	6.384	5.3269	3.7581
#3	10.252	7.1243	.63305	.18709	.48603	6.368	5.5566	3.7131

Sample Name: K3085-01MSD Acquired: 5/31/2019 18:31:24 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-3MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3939
Stddev	.4579
%RSD	32.848

#1	.90429
#2	1.8115
#3	1.4660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.4	45367.	4076.7	38.210	3455.3
Stddev	11.6	114.	79.8	2.143	14.9
%RSD	.33668	.25051	1.9563	5.6088	.43095

#1	3461.5	45293.	4126.9	39.447	3469.7
#2	3438.7	45311.	4118.4	39.447	3439.9
#3	3454.0	45498.	3984.7	35.735	3456.3

Sample Name: K3085-01A Acquired: 5/31/2019 18:35:29 Type: Unk
Method: P4-ICP2(v3161) 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	.78927	1.8674	1.0097	2.0180	.76156	2.0809	.76022	.20508
Stddev	.00346	.0038	.0011	.0090	.00299	.0029	.00556	.00032
%RSD	.43842	.20396	.10461	.44552	.39306	.14022	.73127	.15680
#1	.78542	1.8689	1.0101	2.0133	.76170	2.0832	.75400	.20507
#2	.79029	1.8630	1.0085	2.0124	.76448	2.0776	.76197	.20541
#3	.79211	1.8702	1.0106	2.0284	.75850	2.0819	.76469	.20477
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18801	396.52	.34949	.19214	.30694	4.0809	1.1718	16.413
Stddev	.00014	.72	.00067	.00011	.00042	.0145	.0039	.095
%RSD	.07479	.18088	.19219	.05574	.13644	.35535	.33026	.58067
#1	.18792	395.74	.34999	.19215	.30689	4.0972	1.1748	16.332
#2	.18817	396.68	.34873	.19203	.30738	4.0763	1.1732	16.518
#3	.18795	397.15	.34975	.19225	.30654	4.0693	1.1675	16.388
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48395	.07118	53.078	.29332	.24919	30.842	.37501	.69431
Stddev	.00106	.00049	.262	.00113	.00033	.141	.00015	.00772
%RSD	.21859	.69326	.49320	.38686	.13134	.45751	.04023	1.1119
#1	.48369	.07069	52.778	.29348	.24882	30.721	.37518	.69808
#2	.48304	.07116	53.265	.29436	.24945	30.997	.37496	.69942
#3	.48511	.07168	53.189	.29211	.24929	30.808	.37489	.68543
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.227	6.7845	.62945	.17543	.45731	6.340	5.2725	3.7847
Stddev	.023	.0347	.00047	.00328	.00080	.011	.0107	.1358
%RSD	.22601	.51165	.07449	1.8680	.17531	.1729	.20201	3.5881
#1	10.210	6.8227	.62896	.17894	.45758	6.329	5.2668	3.8627
#2	10.218	6.7549	.62989	.17491	.45642	6.351	5.2659	3.8636
#3	10.253	6.7760	.62951	.17245	.45795	6.341	5.2848	3.6279

Sample Name: K3085-01A Acquired: 5/31/2019 18:35:29 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7603
Stddev	.2220
%RSD	12.609

#1	1.8899
#2	1.8869
#3	1.5040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.4	45404.	4162.3	39.898	3451.9
Stddev	12.7	17.	16.2	1.141	10.4
%RSD	.36734	.03739	.38870	2.8605	.30204

#1	3446.1	45418.	4144.8	41.201	3451.4
#2	3435.4	45385.	4176.7	39.416	3441.8
#3	3460.7	45409.	4165.4	39.076	3462.6

Sample Name: K3106-01 Acquired: 5/31/2019 18:39:34 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 66-67-TRACK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	.00141	.00068	.00257	.00250	.09232	.06726	.00016
Stddev	.00127	.00057	.00049	.00211	.00114	.00367	.00092	.00003
%RSD	22.983	40.453	72.803	82.015	45.601	3.9785	1.3641	17.942

#1	.00660	.00091	.00021	.00253	.00370	.09584	.06780	.00014
#2	.00412	.00203	.00062	.00470	.00234	.08851	.06620	.00020
#3	.00583	.00129	.00119	.00048	.00144	.09262	.06778	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	44.870	.00064	.00027	.00824	.05984	.00599	20.416
Stddev	.00006	.392	.00009	.00014	.00024	.00084	.00009	.035
%RSD	61.875	.87396	14.063	51.036	2.9180	1.4044	1.4860	.16959

#1	.00007	45.115	.00069	.00026	.00797	.06075	.00608	20.415
#2	.00016	44.417	.00054	.00014	.00837	.05968	.00600	20.452
#3	.00005	45.077	.00070	.00041	.00839	.05909	.00590	20.383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00018	11.922	.00091	.04700	3.0595	.00569	.10124
Stddev	.00024	.00024	.017	.00067	.00017	.0296	.00002	.02079
%RSD	32.383	132.53	.14225	73.649	.36496	.96766	.42129	20.532

#1	.00088	-.00017	11.903	.00085	.04687	3.0674	.00566	.12138
#2	.00046	-.00042	11.936	.00162	.04693	3.0268	.00569	.07987
#3	.00088	.00005	11.927	.00028	.04720	3.0844	.00571	.10247

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2956	8.6598	-.00440	.00105	.00723	.0766	.19072	1.8762
Stddev	.0268	.0126	.00085	.00113	.00017	.0005	.00079	.0936
%RSD	.62433	.14575	19.253	108.48	2.3838	.5973	.41569	4.9901

#1	4.2751	8.6506	-.00507	-.00010	.00703	.0772	.19075	1.9080
#2	4.2857	8.6545	-.00468	.00216	.00730	.0763	.18991	1.9498
#3	4.3259	8.6742	-.00345	.00108	.00735	.0764	.19150	1.7708

Sample Name: K3106-01 Acquired: 5/31/2019 18:39:34 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 66-67-TRACK Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.41556
Stddev	.26468
%RSD	63.692

#1	.44537
#2	.13724
#3	.66407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.1	48186.	4317.3	41.451	3867.1
Stddev	5.1	17.	2.5	.637	19.3
%RSD	.13819	.03506	.05752	1.5363	.49921

#1	3687.1	48188.	4320.1	41.907	3886.2
#2	3678.2	48169.	4316.3	40.724	3867.4
#3	3687.0	48203.	4315.4	41.723	3847.6

Sample Name: K3106-02 Acquired: 5/31/2019 18:43:58 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRIANGLE Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05344	.00190	1.6021	.00133	.00967	10.716	.64764	.00172
Stddev	.00211	.00028	.0009	.00293	.00098	.152	.00594	.00006
%RSD	3.9434	14.695	.05736	220.34	10.142	1.4173	.91678	3.2670
#1	.05127	.00161	1.6029	.00304	.01050	10.626	.64290	.00177
#2	.05356	.00216	1.6024	.00301	.00994	10.631	.64572	.00174
#3	.05548	.00192	1.6011	-.00206	.00859	10.892	.65430	.00166
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	90.716	.02321	.01162	.40580	23.772	.38842	10.231
Stddev	.00004	.482	.00016	.00022	.00065	.007	.00029	.174
%RSD	1.6912	.53129	.67689	1.9295	.15953	.03018	.07565	1.6992
#1	.00226	90.666	.02338	.01164	.40586	23.764	.38811	10.043
#2	.00224	91.221	.02318	.01184	.40513	23.778	.38870	10.265
#3	.00219	90.261	.02307	.01139	.40642	23.774	.38846	10.386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05123	-.00079	10.919	.06010	1.3327	8.7226	.01037	.16311
Stddev	.00028	.00009	.069	.00030	.0036	.1359	.00008	.00867
%RSD	.53968	11.472	.63291	.49946	.26982	1.5578	.76984	5.3156
#1	.05154	-.00070	10.873	.06037	1.3342	8.6034	.01046	.15400
#2	.05115	-.00088	10.886	.06015	1.3286	8.6938	.01036	.17126
#3	.05101	-.00079	10.999	.05978	1.3352	8.8706	.01030	.16407
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.390	F 14.452	.02717	.40499	.02358	1.320	.42578	2.0342
Stddev	.145	.134	.00016	.00390	.00095	.002	.00245	.0268
%RSD	.34193	.92448	.57643	.96190	4.0069	.1751	.57572	1.3168
#1	42.449	14.522	.02735	.40241	.02355	1.318	.42492	2.0393
#2	42.225	14.536	.02709	.40310	.02455	1.323	.42854	2.0580
#3	42.497	14.298	.02707	.40947	.02266	1.320	.42387	2.0052

Sample Name: K3106-02 Acquired: 5/31/2019 18:43:58 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.9651
Stddev	.0998
%RSD	1.2529

#1	8.0799
#2	7.9169
#3	7.8987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.2	48469.	4396.8	42.055	3819.5
Stddev	13.7	128.	37.0	2.699	17.0
%RSD	.37125	.26499	.84121	6.4171	.44584

#1	3690.7	48593.	4385.8	44.935	3808.1
#2	3717.4	48476.	4366.6	39.584	3839.1
#3	3698.5	48336.	4438.1	41.647	3811.3

Sample Name: K3106-03 Acquired: 5/31/2019 18:48:15 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 8-9-TRACK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18799	.00128	.01014	-.00115	.00306	.72061	.05644	.00030
Stddev	.00187	.00182	.00009	.00182	.00042	.01770	.00043	.00004
%RSD	.99654	142.72	.87730	158.90	13.826	2.4563	.77011	14.169

#1	.18596	.00325	.01004	.00031	.00259	.73464	.05619	.00034
#2	.18834	-.00034	.01020	-.00319	.00316	.72647	.05619	.00026
#3	.18966	.00092	.01018	-.00056	.00342	.70073	.05695	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	22.531	.00060	.00189	.01180	2.5581	.29752	10.553
Stddev	.00004	.129	.00011	.00017	.00063	.0037	.00064	.008
%RSD	87.590	.57096	18.144	9.1882	5.3120	.14634	.21480	.07600

#1	.00009	22.382	.00070	.00169	.01198	2.5624	.29721	10.551
#2	.00002	22.600	.00061	.00199	.01110	2.5556	.29825	10.545
#3	.00003	22.610	.00049	.00200	.01231	2.5563	.29710	10.561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	-.00016	14.513	.00317	.06758	3.4270	.00430	.35856
Stddev	.00027	.00021	.056	.00033	.00016	.0147	.00021	.01717
%RSD	5.8697	125.96	.38887	10.337	.24158	.42735	4.9571	4.7885

#1	.00450	-.00006	14.484	.00311	.06777	3.4432	.00411	.33968
#2	.00427	-.00040	14.578	.00287	.06752	3.4147	.00426	.37324
#3	.00480	-.00003	14.477	.00352	.06746	3.4231	.00453	.36277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8841	5.9798	-.00396	.03149	-.00009	.6695	.08782	1.9143
Stddev	.0014	.0053	.00061	.00028	.00141	.0015	.00040	.0780
%RSD	.04983	.08815	15.466	.89182	1592.3	.2191	.45930	4.0718

#1	2.8853	5.9789	-.00450	.03126	.00138	.6712	.08737	2.0032
#2	2.8825	5.9750	-.00329	.03140	-.00144	.6691	.08793	1.8577
#3	2.8844	5.9855	-.00410	.03180	-.00020	.6684	.08815	1.8820

Sample Name: K3106-03 Acquired: 5/31/2019 18:48:15 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 8-9-TRACK Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1031
 Stddev .1123
 %RSD 10.182

#1 1.2328
 #2 1.0403
 #3 1.0362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.5	48784.	4356.8	40.974	3953.0
Stddev	1.8	133.	9.6	1.275	4.3
%RSD	.04848	.27235	.22054	3.1108	.10972

#1	3724.1	48696.	4345.8	39.512	3949.1
#2	3724.9	48720.	4363.2	41.853	3957.6
#3	3721.4	48937.	4361.4	41.557	3952.2

Sample Name: K3106-04 Acquired: 5/31/2019 18:52:36 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 71-70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	.00203	.01113	-.00192	-.00278	.10051	.30637	.00062
Stddev	.00206	.00046	.00121	.00358	.00243	.01317	.00020	.00009
%RSD	51.198	22.594	10.886	186.32	87.280	13.101	.06600	14.264
#1	-.00638	.00169	.01248	-.00394	-.00540	.11234	.30627	.00072
#2	-.00263	.00255	.01014	.00221	-.00061	.08632	.30661	.00056
#3	-.00304	.00185	.01079	-.00404	-.00233	.10286	.30625	.00058
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	113.16	-.00164	.00058	.00648	16.212	.75711	20.500
Stddev	.00003	.66	.00018	.00004	.00036	.018	.00045	.182
%RSD	4.7281	.58632	10.960	6.3127	5.6108	.11050	.05889	.88962
#1	-.00073	113.16	-.00183	.00055	.00623	16.197	.75749	20.538
#2	-.00076	112.50	-.00147	.00059	.00632	16.232	.75662	20.660
#3	-.00069	113.83	-.00163	.00062	.00690	16.206	.75722	20.302
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	-.00125	67.274	.00025	.07310	11.022	.00053	.17910
Stddev	.00039	.00039	.026	.00020	.00017	.066	.00014	.03022
%RSD	56.404	31.432	.03857	78.556	.23443	.59520	27.159	16.876
#1	-.00058	-.00109	67.251	.00043	.07300	10.969	.00055	.16591
#2	-.00111	-.00169	67.302	.00004	.07330	11.095	.00038	.15771
#3	-.00036	-.00096	67.268	.00028	.07300	11.000	.00066	.21367
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.568	F 13.668	-.00625	.00164	.01823	1.236	.65749	2.9746
Stddev	.011	.091	.00024	.00147	.00029	.004	.00346	.0284
%RSD	.08514	.66634	3.8232	90.163	1.5718	.3037	.52604	.95437
#1	12.561	13.668	-.00632	.00334	.01824	1.233	.65811	2.9501
#2	12.563	13.577	-.00598	.00072	.01794	1.240	.65376	3.0057
#3	12.580	13.759	-.00644	.00085	.01851	1.235	.66059	2.9680

Sample Name: K3106-04 Acquired: 5/31/2019 18:52:36 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 71-70 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6065
Stddev	.1684
%RSD	3.0044

#1	5.4234
#2	5.7548
#3	5.6414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.0	46801.	4283.5	40.165	3662.1
Stddev	7.3	82.	29.1	.728	5.5
%RSD	.20294	.17503	.67939	1.8135	.14989

#1	3575.2	46895.	4287.2	39.346	3660.5
#2	3587.4	46766.	4310.6	40.741	3668.2
#3	3574.4	46743.	4252.8	40.407	3657.5

Sample Name: K3097-04 Acquired: 5/31/2019 18:56:58 Type: Unk
Method: P4-ICP2(v3161) 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	.04161	.00175	1.2498	-.06415	.00998	79.284	1.5442	.01920
Stddev	.00402	.00153	.0055	.00189	.00097	3.019	.0564	.00097
%RSD	9.6541	87.509	.44264	2.9505	9.7561	3.8077	3.6503	5.0351
#1	.04575	.00031	1.2474	-.06221	.01031	80.965	1.5725	.01926
#2	.04134	.00336	1.2561	-.06599	.00889	75.798	1.4792	.01821
#3	.03773	.00159	1.2459	-.06427	.01075	81.088	1.5808	.02014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01307	381.97	.26763	.10849	.36370	183.35	6.8973	74.402
Stddev	.00061	2.70	.01561	.00012	.00244	5.23	.1380	2.712
%RSD	4.6912	.70789	5.8316	.10907	.67034	2.8506	2.0007	3.6448
#1	.01276	384.31	.27514	.10860	.36089	186.38	6.9864	75.667
#2	.01378	379.01	.24969	.10837	.36526	177.31	6.7383	71.289
#3	.01268	382.59	.27806	.10848	.36495	186.35	6.9671	76.250
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26826	-.04616	8.2681	.21623	1.2966	17.322	.00383	-.17907
Stddev	.00066	.00256	.3084	.01085	.0065	.558	.00036	.01160
%RSD	.24781	5.5545	3.7305	5.0167	.49949	3.2207	9.5054	6.4807
#1	.26886	-.04802	8.4228	.22403	1.3004	17.638	.00344	-.18329
#2	.26755	-.04324	7.9130	.20384	1.3003	16.678	.00416	-.16594
#3	.26837	-.04724	8.4687	.22082	1.2891	17.650	.00389	-.18797
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.817	6.8401	.04533	1.9373	.19647	6.648	.78785	<.00000
Stddev	.177	.1212	.00024	.0104	.00069	.013	.00285	.96752
%RSD	.48085	1.7714	.52496	.53828	.34981	.1979	.36235	40.827
#1	36.943	6.7013	.04523	1.9493	.19726	6.663	.79031	-1.9056
#2	36.893	6.9250	.04516	1.9306	.19618	6.639	.78851	-3.4819
#3	36.614	6.8939	.04561	1.9320	.19598	6.642	.78472	-1.7219

Sample Name: K3097-04 Acquired: 5/31/2019 18:56:58 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 103.21
Stddev	.81
%RSD	.78283

#1	104.00
#2	102.38
#3	103.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3853.4	52341.	4822.6	38.469	3246.4
Stddev	8.4	2142.	53.2	1.117	16.9
%RSD	.21773	4.0920	1.1039	2.9023	.52022

#1	3862.3	50989.	4764.2	38.603	3233.2
#2	3845.6	54810.	4868.4	39.512	3240.5
#3	3852.3	51223.	4835.3	37.291	3265.4

Sample Name: K3097-04DUP Acquired: 5/31/2019 19:01:22 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04193	.00324	1.2214	-.05957	.00881	81.114	1.5621	.01937
Stddev	.00353	.00132	.0024	.00298	.00080	.061	.0049	.00036
%RSD	8.4168	40.835	.19870	5.0024	9.0351	.07476	.31454	1.8506
#1	.04274	.00298	1.2189	-.05976	.00850	81.047	1.5568	.01979
#2	.03807	.00207	1.2215	-.05650	.00972	81.166	1.5630	.01920
#3	.04499	.00468	1.2237	-.06245	.00822	81.129	1.5665	.01914
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01188	379.63	.27380	.10748	.35769	184.34	6.9692	78.145
Stddev	.00021	2.95	.00045	.00046	.00082	.46	.0195	.114
%RSD	1.7758	.77714	.16278	.42399	.22892	.24746	.28002	.14629
#1	.01208	379.47	.27377	.10800	.35818	184.86	6.9806	78.060
#2	.01166	376.76	.27337	.10727	.35675	184.00	6.9803	78.275
#3	.01189	382.65	.27426	.10716	.35815	184.16	6.9467	78.099
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26600	-.04713	8.3980	.22014	1.2882	17.779	.00378	-.17870
Stddev	.00040	.00071	.0510	.00149	.0008	.022	.00024	.01378
%RSD	.14951	1.5131	.60786	.67769	.05833	.12340	6.3787	7.7120
#1	.26631	-.04634	8.3405	.21888	1.2876	17.755	.00389	-.19161
#2	.26555	-.04773	8.4378	.22179	1.2891	17.785	.00350	-.18032
#3	.26613	-.04732	8.4157	.21975	1.2879	17.797	.00394	-.16418
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.555	6.7238	.04312	1.9205	.19612	6.594	.75590	<.00000
Stddev	.035	.1166	.00083	.0055	.00160	.008	.00815	.13312
%RSD	.09645	1.7336	1.9365	.28488	.81544	.1174	1.0783	8.6393
#1	36.516	6.7678	.04225	1.9164	.19641	6.601	.75408	-1.6415
#2	36.586	6.5916	.04392	1.9185	.19439	6.586	.74881	-1.5913
#3	36.562	6.8119	.04319	1.9267	.19755	6.596	.76481	-1.3899

Sample Name: K3097-04DUP Acquired: 5/31/2019 19:01:22 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 102.04
Stddev	.72
%RSD	.70671

#1	101.45
#2	102.84
#3	101.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3858.4	51128.	4853.2	39.009	3247.9
Stddev	4.8	127.	50.8	.918	3.5
%RSD	.12498	.24826	1.0472	2.3535	.10857

#1	3855.4	51045.	4831.6	38.129	3249.0
#2	3863.9	51274.	4911.3	39.961	3243.9
#3	3855.8	51065.	4816.8	38.937	3250.7

Sample Name: K3097-04LX5 Acquired: 5/31/2019 19:05:47 Type: Unk
Method: P4-ICP2(v3161) 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	.00729	.00292	.22239	-.00206	.00015	16.420	.31713	.00353
Stddev	.00107	.00075	.00027	.00146	.00085	.123	.00065	.00010
%RSD	14.675	25.609	.12215	71.178	569.92	.75040	.20576	2.8896

#1	.00846	.00238	.22253	-.00185	.00073	16.313	.31646	.00343
#2	.00635	.00378	.22207	-.00361	.00054	16.554	.31717	.00364
#3	.00707	.00261	.22255	-.00071	-.00083	16.393	.31776	.00352

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	89.226	.05237	.02093	.07616	62.915	1.5964	18.463
Stddev	.00004	.323	.00031	.00009	.00042	.262	.0027	.137
%RSD	2.6746	.36196	.59262	.40981	.55001	.41622	.17254	.74022

#1	-.00159	88.855	.05217	.02090	.07605	62.650	1.5989	18.453
#2	-.00162	89.440	.05221	.02086	.07663	62.921	1.5935	18.605
#3	-.00167	89.383	.05273	.02103	.07581	63.173	1.5969	18.332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05222	-.00645	1.7290	.04851	.23348	3.7490	.00080	.00106
Stddev	.00024	.00014	.0036	.00025	.00042	.0347	.00023	.00998
%RSD	.46269	2.2220	.20880	.51599	.18170	.92525	28.833	939.34

#1	.05198	-.00645	1.7249	.04843	.23345	3.7138	.00083	.01255
#2	.05246	-.00630	1.7317	.04831	.23391	3.7831	.00102	-.00387
#3	.05221	-.00659	1.7302	.04879	.23307	3.7500	.00056	-.00549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6883	1.5120	.00665	.42601	.04275	1.215	.13069	1.2581
Stddev	.0232	.0163	.00067	.00156	.00094	.003	.00015	.1180
%RSD	.34690	1.0803	10.131	.36601	2.2078	.2678	.11474	9.3788

#1	6.6636	1.4932	.00739	.42443	.04368	1.219	.13080	1.3803
#2	6.7096	1.5221	.00651	.42603	.04180	1.214	.13075	1.2492
#3	6.6918	1.5207	.00606	.42755	.04278	1.213	.13052	1.1448

Sample Name: K3097-04LX5 Acquired: 5/31/2019 19:05:47 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.679
Stddev	.327
%RSD	1.5101

#1	21.935
#2	21.310
#3	21.793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3767.8	48710.	4351.8	41.257	3729.6
Stddev	20.4	163.	9.9	.563	23.0
%RSD	.54226	.33457	.22749	1.3650	.61594

#1	3781.3	48534.	4340.4	40.613	3742.8
#2	3744.3	48856.	4357.0	41.653	3703.1
#3	3777.9	48740.	4358.0	41.506	3743.0

Sample Name: K3097-04MS Acquired: 5/31/2019 19:10:13 Type: Unk
Method: P4-ICP2(v3161) 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	.72434	1.8331	2.7292	1.6218	.22518	93.930	1.6626	.19224
Stddev	.00629	.0011	.0230	.0113	.00391	.408	.0076	.00047
%RSD	.86887	.05760	.84210	.69553	1.7354	.43432	.45801	.24659
#1	.72055	1.8342	2.7343	1.6180	.22823	93.461	1.6539	.19239
#2	.73161	1.8321	2.7041	1.6344	.22655	94.128	1.6682	.19263
#3	.72087	1.8331	2.7492	1.6128	.22078	94.201	1.6656	.19171
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18906	305.01	.60426	.31071	.97636	140.78	6.6398	65.256
Stddev	.00180	.93	.00019	.00027	.00151	.05	.0459	.054
%RSD	.95348	.30475	.03194	.08805	.15430	.03666	.69173	.08348
#1	.18920	306.03	.60438	.31050	.97807	140.77	6.6501	65.221
#2	.18719	304.20	.60437	.31102	.97521	140.84	6.6797	65.227
#3	.19079	304.80	.60404	.31061	.97580	140.74	6.5896	65.318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83103	.03572	11.277	.46518	3.0989	28.832	.30127	.17587
Stddev	.00090	.00032	.039	.00146	.0221	.021	.00229	.00779
%RSD	.10801	.88652	.34170	.31286	.71144	.07361	.76020	4.4297
#1	.83006	.03581	11.233	.46470	3.1036	28.815	.30172	.17018
#2	.83119	.03598	11.297	.46402	3.0749	28.856	.30330	.18475
#3	.83183	.03537	11.303	.46681	3.1182	28.826	.29879	.17268
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.610	8.4444	.79471	2.0899	.37449	F 12.37	.76786	<.00000
Stddev	.238	.0884	.00304	.0110	.00082	.01	.00396	.13822
%RSD	.72989	1.0470	.38249	.52588	.22024	.0882	.51623	20.288
#1	32.629	8.5464	.79314	2.0789	.37503	12.37	.77243	-83901
#2	32.363	8.3975	.79822	2.1008	.37354	12.35	.76548	-.62391
#3	32.838	8.3892	.79278	2.0900	.37491	12.37	.76565	-.58106

Sample Name: K3097-04MS Acquired: 5/31/2019 19:10:13 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	67.688
Stddev	.677
%RSD	1.0009

#1	67.752
#2	68.331
#3	66.980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.3	51552.	4810.7	38.747	3347.4
Stddev	7.8	71.	45.5	.369	23.1
%RSD	.19937	.13733	.94645	.95298	.68921

#1	3897.3	51473.	4758.2	38.680	3340.4
#2	3911.1	51573.	4839.5	39.145	3373.1
#3	3910.4	51610.	4834.3	38.415	3328.6

Sample Name: CCV08 Acquired: 5/31/2019 19:14:40 Type: Unk
Method: P4-ICP2(v3161) 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	4.9726	4.9611	4.9429	5.0816	5.0524	9.9533	9.9735	.25396
Stddev	.0108	.0037	.0093	.0209	.0095	.0663	.1171	.00039
%RSD	.21643	.07439	.18736	.41214	.18911	.66561	1.1741	.15436
#1	4.9673	4.9571	4.9322	5.0704	5.0452	9.8887	9.8495	.25368
#2	4.9656	4.9619	4.9476	5.0687	5.0488	10.021	9.9887	.25379
#3	4.9850	4.9643	4.9488	5.1058	5.0632	9.9501	10.082	.25441
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4750	24.503	.97228	2.4946	1.2574	4.8667	2.5114	25.126
Stddev	.0057	.089	.00068	.0075	.0029	.0020	.0001	.084
%RSD	.22938	.36253	.07035	.29984	.22758	.04055	.00460	.33563
#1	2.4684	24.413	.97294	2.4860	1.2541	4.8648	2.5113	25.066
#2	2.4779	24.506	.97233	2.4977	1.2589	4.8687	2.5115	25.090
#3	2.4786	24.591	.97157	2.5000	1.2591	4.8667	2.5115	25.222
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4636	1.2369	25.020	2.4620	2.4935	24.352	4.9678	4.8766
Stddev	.0039	.0008	.063	.0034	.0076	.092	.0106	.0614
%RSD	.15863	.06142	.25062	.13809	.30682	.37971	.21421	1.2590
#1	2.4593	1.2378	24.964	2.4581	2.4850	24.264	4.9558	4.8083
#2	2.4644	1.2365	25.088	2.4645	2.4954	24.344	4.9715	4.9273
#3	2.4670	1.2364	25.007	2.4633	2.4999	24.448	4.9761	4.8942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0153	4.7231	4.8671	4.8861	4.8131	5.236	4.9573	F 2.7443
Stddev	.0167	.0339	.0063	.0266	.0303	.021	.0296	.1785
%RSD	.33210	.71838	.12927	.54413	.62904	.4011	.59750	6.5058
#1	4.9974	4.7128	4.8598	4.8618	4.7941	5.212	4.9359	2.7861
#2	5.0303	4.6955	4.8709	4.8820	4.7973	5.247	4.9449	2.5486
#3	5.0183	4.7610	4.8705	4.9145	4.8480	5.249	4.9911	2.8982

Sample Name: CCV08 Acquired: 5/31/2019 19:14:40 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2091
Stddev	.4839
%RSD	21.904

#1	1.8653
#2	2.7624
#3	1.9995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.3	46954.	4186.6	39.754	3594.8
Stddev	9.2	169.	21.6	1.007	8.9
%RSD	.25602	.35980	.51546	2.5319	.24737

#1	3615.6	46776.	4167.7	40.445	3604.8
#2	3597.7	46972.	4210.1	40.219	3587.8
#3	3602.5	47112.	4182.1	38.600	3591.8

Sample Name: CCB08 Acquired: 5/31/2019 19:18:48 Type: Unk
Method: P4-ICP2(v3161) 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	-.00001	.00143	-.00050	-.00094	-.00099	-.00708	.00112	.00006
Stddev	.00197	.00089	.00020	.00217	.00102	.00116	.00037	.00006
%RSD	35248.	62.018	40.384	230.83	103.64	16.344	33.209	95.048
#1	.00176	.00233	-.00043	-.00108	-.00013	-.00589	.00150	.00010
#2	.00037	.00056	-.00034	.00130	-.00072	-.00715	.00075	.00008
#3	-.00214	.00139	-.00072	-.00303	-.00212	-.00821	.00112	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00607	-.00061	.00008	-.00057	.00036	-.00003	.08075
Stddev	.00002	.01141	.00002	.00018	.00046	.00031	.00005	.05462
%RSD	30.761	188.02	3.3271	227.75	81.246	87.371	187.90	67.641
#1	.00009	.00521	-.00063	.00022	-.00051	.00071	.00003	.14348
#2	.00005	.01788	-.00062	-.00013	-.00106	.00027	-.00007	.05515
#3	.00006	-.00489	-.00059	.00015	-.00014	.00010	-.00003	.04364
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00007	-.02216	-.00006	-.00025	.02793	.00053	.00338
Stddev	.00050	.00029	.00746	.00027	.00008	.01808	.00010	.01432
%RSD	616.34	428.25	33.677	427.41	33.328	64.746	19.413	423.59
#1	-.00043	-.00020	-.01887	.00023	-.00023	.04865	.00060	-.01307
#2	.00057	.00037	-.03070	-.00012	-.00019	.01979	.00058	.01015
#3	.00011	.00004	-.01691	-.00030	-.00035	.01535	.00041	.01306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	-.00249	-.00189	.00294	-.00268	-.0018	.00016	F 1.6516
Stddev	.00187	.00090	.00043	.00083	.00207	.0010	.00003	.3475
%RSD	39.469	36.063	22.588	28.368	77.047	58.19	20.484	21.038
#1	.00304	-.00182	-.00141	.00198	-.00504	-.0027	.00017	1.4888
#2	.00443	-.00214	-.00205	.00346	-.00184	-.0007	.00019	2.0505
#3	.00674	-.00352	-.00222	.00338	-.00117	-.0019	.00013	1.4154

Sample Name: CCB08 Acquired: 5/31/2019 19:18:48 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .08245
Stddev	.12558
%RSD	152.32

#1	-.06255
#2	.15319
#3	.15670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3790.2	49450.	4220.8	40.933	4057.8
Stddev	16.4	122.	20.2	1.757	20.0
%RSD	.43178	.24757	.47878	4.2925	.49242

#1	3801.2	49400.	4244.1	42.961	4044.9
#2	3798.0	49590.	4210.9	39.905	4080.8
#3	3771.4	49361.	4207.5	39.932	4047.8

Sample Name: K3097-04MSD Acquired: 5/31/2019 19:23:17 Type: Unk
Method: P4-ICP2(v3161) 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	.72490	1.8451	2.8082	1.6301	.22715	93.807	1.6759	.19311
Stddev	.00829	.0042	.0202	.0149	.00264	.228	.0047	.00039
%RSD	1.1441	.22699	.71807	.91578	1.1634	.24308	.27820	.19965
#1	.71629	1.8499	2.8166	1.6151	.22431	93.765	1.6715	.19291
#2	.73284	1.8437	2.8229	1.6302	.22762	94.052	1.6808	.19286
#3	.72557	1.8418	2.7852	1.6450	.22953	93.602	1.6754	.19355
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19056	304.80	.60906	.31453	1.0148	141.54	6.7365	64.847
Stddev	.00127	2.32	.00079	.00051	.0063	.85	.0078	.418
%RSD	.66560	.76109	.12963	.16230	.61988	.59781	.11652	.64512
#1	.19119	304.15	.60835	.31480	1.0076	140.88	6.7421	64.399
#2	.19139	307.37	.60991	.31394	1.0178	142.49	6.7398	64.915
#3	.18910	302.87	.60891	.31485	1.0191	141.23	6.7275	65.227
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84377	.03626	11.374	.46795	3.2972	28.650	.30082	.18791
Stddev	.00085	.00019	.051	.00121	.0188	.087	.00235	.01482
%RSD	.10040	.52291	.44750	.25772	.57131	.30267	.78066	7.8853
#1	.84453	.03604	11.328	.46933	3.3010	28.665	.29915	.20335
#2	.84394	.03635	11.428	.46714	3.3138	28.728	.29980	.17380
#3	.84286	.03639	11.365	.46737	3.2767	28.556	.30350	.18658
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.999	8.4228	.80924	2.0906	.37028	F 12.48	.77098	<.00000
Stddev	.181	.1455	.00315	.0071	.00042	.02	.00774	.07276
%RSD	.54751	1.7270	.38879	.33911	.11399	.1959	1.0044	20.627
#1	33.059	8.5321	.80655	2.0880	.37042	12.49	.77154	-.32004
#2	33.142	8.4785	.81270	2.0852	.37062	12.45	.77842	-.43610
#3	32.796	8.2577	.80847	2.0986	.36981	12.49	.76296	-.30205

Sample Name: K3097-04MSD Acquired: 5/31/2019 19:23:17 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	68.401
Stddev	.092
%RSD	.13380

#1	68.486
#2	68.414
#3	68.304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3911.3	51540.	4831.3	38.450	3332.5
Stddev	26.7	76.	40.1	2.786	25.3
%RSD	.68264	.14732	.82951	7.2467	.75783

#1	3941.6	51502.	4820.3	37.879	3326.8
#2	3891.2	51490.	4797.8	35.994	3310.6
#3	3901.0	51627.	4875.7	41.478	3360.1

Sample Name: K3097-04A Acquired: 5/31/2019 19:27:46 Type: Unk
Method: P4-ICP2(v3161) 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	.72391	1.8406	2.7245	1.6225	.22678	93.774	1.6605	.19277
Stddev	.00253	.0010	.0150	.0119	.00248	.171	.0024	.00084
%RSD	.34946	.05585	.55141	.73211	1.0932	.18215	.14586	.43335
#1	.72448	1.8397	2.7237	1.6182	.22562	93.670	1.6618	.19373
#2	.72610	1.8404	2.7399	1.6135	.22510	93.682	1.6577	.19221
#3	.72114	1.8417	2.7099	1.6360	.22963	93.972	1.6619	.19237
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18988	304.17	.60740	.31158	.96754	140.74	6.6871	65.195
Stddev	.00143	1.18	.00080	.00074	.00232	.53	.0379	.264
%RSD	.75572	.38904	.13202	.23860	.23976	.37844	.56609	.40566
#1	.18873	305.52	.60652	.31073	.96504	140.87	6.6531	64.905
#2	.19149	303.66	.60759	.31195	.96797	140.16	6.6803	65.255
#3	.18942	303.32	.60809	.31207	.96962	141.20	6.7279	65.423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83089	.03555	11.303	.46751	3.0742	28.648	.30176	.16391
Stddev	.00171	.00008	.021	.00044	.0174	.073	.00115	.03103
%RSD	.20631	.21377	.18853	.09417	.56642	.25329	.37965	18.929
#1	.83191	.03548	11.311	.46790	3.0700	28.690	.30203	.15366
#2	.82891	.03563	11.279	.46759	3.0934	28.564	.30051	.13931
#3	.83185	.03553	11.320	.46703	3.0593	28.690	.30275	.19877
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.710	8.3077	.79489	2.0879	.37213	F 12.40	.76206	<.00000
Stddev	.168	.1209	.00173	.0121	.00288	.03	.00365	.19579
%RSD	.51335	1.4556	.21756	.57708	.77509	.2699	.47903	81.757
#1	32.657	8.4444	.79358	2.0749	.36922	12.38	.76628	-.45907
#2	32.898	8.2643	.79685	2.0986	.37217	12.39	.76008	-.17622
#3	32.575	8.2145	.79424	2.0904	.37499	12.44	.75984	-.08313

Sample Name: K3097-04A Acquired: 5/31/2019 19:27:46 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.771
Stddev	.051
%RSD	.07530

#1	67.733
#2	67.829
#3	67.750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3890.3	51466.	4823.3	38.232	3328.2
Stddev	9.7	153.	34.1	1.416	17.1
%RSD	.25043	.29643	.70777	3.7039	.51520

#1	3880.2	51330.	4783.9	36.667	3324.9
#2	3891.1	51631.	4844.0	39.425	3313.0
#3	3899.7	51439.	4842.0	38.603	3346.8

Sample Name: K3097-05 Acquired: 5/31/2019 19:32:14 Type: Unk
Method: P4-ICP2(v3161) 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	.01837	.00024	1.7021	-.02577	.00529	75.969	1.5694	.01350
Stddev	.00205	.00117	.0030	.00312	.00061	.512	.0127	.00027
%RSD	11.144	476.82	.17678	12.093	11.497	.67400	.81184	1.9892
#1	.01858	.00044	1.7005	-.02558	.00459	75.465	1.5550	.01342
#2	.01623	-.00101	1.7002	-.02898	.00564	75.954	1.5740	.01380
#3	.02031	.00130	1.7056	-.02276	.00564	76.489	1.5791	.01328
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	382.32	.33091	.09585	.30858	135.15	6.8448	64.918
Stddev	.00015	3.38	.00131	.00010	.00087	.59	.0084	.756
%RSD	2.7594	.88520	.39715	.10197	.28114	.43504	.12299	1.1647
#1	.00551	379.19	.33176	.09582	.30840	134.55	6.8429	64.045
#2	.00538	381.87	.33158	.09596	.30782	135.20	6.8376	65.343
#3	.00521	385.91	.32940	.09577	.30953	135.72	6.8541	65.366
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27437	-.02524	6.4495	.21613	1.1241	18.675	.00516	-.03659
Stddev	.00110	.00050	.0553	.00252	.0007	.138	.00024	.01363
%RSD	.39975	1.9938	.85751	1.1639	.06257	.73874	4.6051	37.263
#1	.27564	-.02532	6.3857	.21683	1.1249	18.527	.00492	-.05220
#2	.27377	-.02470	6.4780	.21334	1.1238	18.698	.00540	-.02704
#3	.27371	-.02570	6.4846	.21823	1.1236	18.800	.00515	-.03052
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.625	4.2204	.05387	1.9796	.19085	6.903	.85184	<.00000
Stddev	.025	.0039	.00111	.0194	.00095	.008	.00833	.08975
%RSD	.13260	.09254	2.0525	.98008	.49520	.1139	.97826	28.872
#1	18.653	4.2160	.05347	1.9579	.19091	6.912	.84706	-.22865
#2	18.611	4.2216	.05512	1.9954	.18988	6.897	.84700	-.40659
#3	18.610	4.2236	.05302	1.9854	.19176	6.899	.86146	-.29729

Sample Name: K3097-05 Acquired: 5/31/2019 19:32:14 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.262
Stddev	1.605
%RSD	2.3861

#1	67.006
#2	65.800
#3	68.979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3952.4	51989.	4910.9	39.800	3305.0
Stddev	18.9	78.	24.2	.787	2.5
%RSD	.47870	.14997	.49336	1.9783	.07640

#1	3945.4	51971.	4895.0	38.979	3302.3
#2	3973.8	51922.	4938.8	40.549	3307.3
#3	3938.0	52075.	4899.0	39.871	3305.5

Sample Name: K3097-06 Acquired: 5/31/2019 19:36:39 Type: Unk
Method: P4-ICP2(v3161) 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	.05429	.00233	6.2531	-.03692	.00500	71.637	2.2682	.01523
Stddev	.00280	.00117	.0274	.00104	.00020	.339	.0089	.00017
%RSD	5.1588	49.935	.43767	2.8185	4.0481	.47275	.39163	1.1157

#1	.05457	.00105	6.2640	-.03687	.00523	71.250	2.2583	.01532
#2	.05137	.00332	6.2220	-.03590	.00489	71.776	2.2756	.01504
#3	.05695	.00263	6.2733	-.03798	.00488	71.883	2.2707	.01534

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	471.37	.53133	.09006	.59045	156.04	7.0506	47.256
Stddev	.00010	.78	.00149	.00009	.00243	.93	.0274	.052
%RSD	1.0266	.16586	.27984	.10306	.41143	.59525	.38914	.10902

#1	.00928	470.51	.53069	.09015	.58858	155.61	7.0503	47.227
#2	.00918	472.03	.53026	.09007	.59320	157.10	7.0781	47.226
#3	.00937	471.57	.53303	.08996	.58958	155.40	7.0233	47.316

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34602	-.03243	10.084	.26460	5.7730	13.122	.01829	-.12494
Stddev	.00105	.00042	.048	.00065	.0213	.058	.00003	.00657
%RSD	.30308	1.3009	.47991	.24696	.36963	.44389	.14065	5.2569

#1	.34700	-.03291	10.034	.26535	5.7911	13.073	.01831	-.12924
#2	.34492	-.03212	10.130	.26416	5.7494	13.106	.01826	-.11738
#3	.34615	-.03226	10.087	.26429	5.7784	13.186	.01830	-.12819

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.604	3.0175	.04888	1.7586	.15585	9.139	2.2252	<.00000
Stddev	.128	.0161	.00082	.0053	.00148	.010	.0062	.06826
%RSD	.30093	.53476	1.6706	.30410	.95236	.1103	.27717	23.858

#1	42.676	3.0149	.04866	1.7572	.15699	9.150	2.2197	-.24879
#2	42.456	3.0029	.04820	1.7540	.15417	9.131	2.2240	-.36491
#3	42.681	3.0349	.04978	1.7645	.15638	9.135	2.2319	-.24467

Sample Name: K3097-06 Acquired: 5/31/2019 19:36:39 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	80.125
Stddev	.286
%RSD	.35696

#1	79.956
#2	80.455
#3	79.963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.0	50696.	4808.6	38.812	3261.2
Stddev	6.9	42.	9.9	1.624	10.6
%RSD	.17891	.08207	.20545	4.1837	.32638

#1	3834.6	50729.	4799.7	40.584	3249.8
#2	3835.6	50649.	4819.2	37.395	3270.9
#3	3846.9	50709.	4806.9	38.456	3263.0

Sample Name: K3097-07 Acquired: 5/31/2019 19:41:04 Type: Unk
Method: P4-ICP2(v3161) 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	.08637	.00626	1.4631	-.02357	.00076	104.32	1.8351	.01431
Stddev	.00418	.00158	.0008	.00142	.00068	.99	.0157	.00007
%RSD	4.8373	25.179	.05680	6.0454	89.359	.95125	.85784	.45554
#1	.08461	.00496	1.4630	-.02344	.00104	103.33	1.8176	.01438
#2	.09114	.00801	1.4623	-.02221	.00127	104.32	1.8394	.01429
#3	.08336	.00581	1.4640	-.02505	-.00001	105.31	1.8481	.01426
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02252	408.37	F 2.2036	.10413	1.0557	138.46	5.0104	53.585
Stddev	.00021	2.81	.0039	.00047	.0086	.52	.0286	.729
%RSD	.93983	.68713	.17529	.44936	.81352	.37537	.57007	1.3613
#1	.02276	407.22	2.1992	.10362	1.0608	137.88	5.0054	52.913
#2	.02241	406.33	2.2055	.10453	1.0606	138.62	4.9847	53.482
#3	.02238	411.57	2.2062	.10425	1.0458	138.89	5.0411	54.361
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32665	-.00913	15.737	.27641	3.5615	17.118	.00679	-.04494
Stddev	.00138	.00016	.121	.00128	.0099	.138	.00021	.02617
%RSD	.42329	1.7156	.76778	.46178	.27857	.80435	3.0339	58.236
#1	.32821	-.00910	15.599	.27584	3.5693	16.962	.00694	-.01510
#2	.32617	-.00899	15.787	.27787	3.5648	17.165	.00688	-.05573
#3	.32558	-.00930	15.824	.27552	3.5504	17.225	.00655	-.06398
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.607	3.5781	.12426	1.6907	.21117	F 15.34	2.0828	<.00000
Stddev	.239	.0431	.00102	.0075	.00071	.06	.0163	.04843
%RSD	.40119	1.2046	.82182	.44414	.33429	.3884	.78240	11.476
#1	59.827	3.6155	.12327	1.6837	.21070	15.41	2.0761	-.43012
#2	59.642	3.5310	.12422	1.6899	.21198	15.34	2.0708	-.37007
#3	59.352	3.5878	.12531	1.6987	.21083	15.29	2.1013	-.46592

Sample Name: K3097-07 Acquired: 5/31/2019 19:41:04 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	69.215
Stddev	.507
%RSD	.73311

#1	69.580
#2	69.428
#3	68.635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.7	51306.	4958.1	38.669	3279.1
Stddev	24.9	99.	43.1	1.555	5.8
%RSD	.63984	.19324	.86869	4.0221	.17802

#1	3875.2	51219.	4917.8	39.866	3275.8
#2	3869.6	51414.	5003.5	39.230	3275.6
#3	3915.2	51285.	4953.2	36.911	3285.8

Sample Name: K3097-08 Acquired: 5/31/2019 19:45:38 Type: Unk
Method: P4-ICP2(v3161) 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	.05579	.00502	3.2205	-.03322	.01740	78.421	1.6712	.01521
Stddev	.00244	.00057	.0247	.00291	.00093	.343	.0040	.00023
%RSD	4.3771	11.318	.76675	8.7556	5.3449	.43701	.23968	1.5195
#1	.05713	.00463	3.1930	-.02987	.01810	78.179	1.6668	.01504
#2	.05726	.00567	3.2277	-.03477	.01634	78.270	1.6747	.01511
#3	.05297	.00476	3.2408	-.03503	.01775	78.813	1.6721	.01547
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00905	494.55	.41125	.10422	.50051	152.77	6.9259	54.230
Stddev	.00005	2.71	.00016	.00010	.00117	.47	.0388	.157
%RSD	.60072	.54831	.03795	.09180	.23277	.30892	.56077	.28911
#1	.00911	495.80	.41134	.10421	.49954	152.58	6.8811	54.147
#2	.00900	496.42	.41134	.10432	.50180	152.42	6.9509	54.411
#3	.00905	491.44	.41107	.10413	.50020	153.30	6.9455	54.133
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29894	-.03086	8.5277	.20302	4.5367	17.297	.00638	-.08352
Stddev	.00043	.00038	.0330	.00069	.0311	.027	.00024	.01681
%RSD	.14235	1.2336	.38714	.34097	.68593	.15661	3.6870	20.132
#1	.29917	-.03046	8.4908	.20256	4.5009	17.280	.00646	-.06908
#2	.29920	-.03088	8.5544	.20267	4.5514	17.282	.00656	-.10198
#3	.29845	-.03122	8.5380	.20381	4.5577	17.328	.00611	-.07950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.162	5.0630	.19214	1.6096	.18677	8.637	1.8647	<.00000
Stddev	.282	.0486	.00073	.0051	.00111	.013	.0122	.18063
%RSD	.73926	.96031	.37912	.31520	.59580	.1535	.65568	24.986
#1	37.841	5.1056	.19142	1.6048	.18641	8.623	1.8735	-.85320
#2	38.372	5.0734	.19288	1.6090	.18587	8.649	1.8698	-.51673
#3	38.273	5.0100	.19212	1.6149	.18801	8.639	1.8508	-.79886

Sample Name: K3097-08 Acquired: 5/31/2019 19:45:38 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	78.359
Stddev	.209
%RSD	.26620

#1	78.362
#2	78.149
#3	78.566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.5	50748.	4843.9	37.622	3238.6
Stddev	27.3	62.	35.9	1.964	16.4
%RSD	.70477	.12208	.74027	5.2202	.50582

#1	3897.6	50697.	4810.0	36.568	3256.0
#2	3860.2	50817.	4840.2	36.411	3236.2
#3	3844.6	50731.	4881.4	39.888	3223.5

Sample Name: K3097-09 Acquired: 5/31/2019 19:50:03 Type: Unk
Method: P4-ICP2(v3161) 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	.08043	.00042	3.0550	-.03014	.00751	94.433	2.0242	.01559
Stddev	.00272	.00173	.0047	.00158	.00171	.583	.0137	.00013
%RSD	3.3782	417.11	.15501	5.2288	22.740	.61775	.67699	.82936
#1	.07739	.00188	3.0595	-.03195	.00811	93.961	2.0111	.01559
#2	.08125	-.00150	3.0501	-.02905	.00884	94.253	2.0229	.01572
#3	.08264	.00087	3.0554	-.02941	.00559	95.085	2.0385	.01546
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00933	474.65	.51235	.11441	.78739	142.06	6.6799	63.038
Stddev	.00017	.69	.00142	.00064	.00254	.71	.0193	.392
%RSD	1.8328	.14597	.27633	.55958	.32278	.49911	.28938	.62134
#1	.00942	474.21	.51089	.11460	.78867	141.38	6.6586	62.609
#2	.00943	475.45	.51245	.11492	.78446	142.02	6.6849	63.128
#3	.00913	474.29	.51371	.11369	.78904	142.79	6.6963	63.377
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33757	-.02283	11.819	.23074	4.1973	21.504	.00469	-.06479
Stddev	.00081	.00042	.067	.00071	.0124	.187	.00027	.02011
%RSD	.24046	1.8333	.56684	.30764	.29500	.87017	5.7872	31.034
#1	.33693	-.02240	11.752	.22996	4.2063	21.375	.00474	-.08249
#2	.33848	-.02324	11.820	.23090	4.1831	21.418	.00440	-.04293
#3	.33730	-.02284	11.886	.23135	4.2023	21.719	.00494	-.06894
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.378	3.8253	.21033	2.0379	.23358	8.033	1.6548	<.00000
Stddev	.189	.0268	.00060	.0138	.00150	.015	.0038	.19477
%RSD	.32442	.70080	.28396	.67479	.64117	.1842	.23177	26.600
#1	58.530	3.8543	.20969	2.0282	.23194	8.016	1.6588	-.52419
#2	58.166	3.8014	.21045	2.0318	.23395	8.041	1.6544	-.76227
#3	58.439	3.8202	.21086	2.0536	.23486	8.042	1.6511	-.91024

Sample Name: K3097-09 Acquired: 5/31/2019 19:50:03 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 71.962
Stddev .056
%RSD .07772

#1 71.993
#2 71.897
#3 71.995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3928.8	51553.	4950.1	37.914	3226.9
Stddev	30.3	45.	37.5	.528	11.9
%RSD	.77234	.08650	.75838	1.3935	.36742

#1	3910.2	51605.	4914.5	38.000	3216.7
#2	3963.8	51527.	4946.5	38.394	3239.9
#3	3912.4	51528.	4989.3	37.348	3224.0

Sample Name: K3097-10 Acquired: 5/31/2019 19:54:37 Type: Unk
Method: P4-ICP2(v3161) 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	.06713	.00174	8.0637	-.02531	.00857	97.206	2.0750	.01493
Stddev	.00264	.00068	.0247	.00224	.00173	.424	.0149	.00019
%RSD	3.9393	39.070	.30602	8.8612	20.211	.43639	.71636	1.3056
#1	.06979	.00251	8.0756	-.02274	.01044	96.773	2.0600	.01493
#2	.06450	.00151	8.0802	-.02627	.00702	97.225	2.0752	.01513
#3	.06710	.00121	8.0353	-.02691	.00826	97.621	2.0898	.01474
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01246	252.14	.61029	.10797	1.1455	144.32	5.7451	64.725
Stddev	.00012	1.32	.00183	.00051	.0016	.62	.0427	.491
%RSD	.99921	.52493	.30007	.46974	.13912	.43153	.74254	.75894
#1	.01260	253.15	.60972	.10848	1.1469	144.45	5.7855	64.161
#2	.01237	250.64	.61234	.10798	1.1438	143.64	5.7005	65.055
#3	.01240	252.63	.60881	.10746	1.1457	144.87	5.7492	64.961
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28737	-.02069	7.0657	.23080	3.2873	18.377	.00505	-.07207
Stddev	.00057	.00033	.0467	.00135	.0085	.084	.00005	.01571
%RSD	.19870	1.6014	.66100	.58414	.25884	.45535	1.0290	21.804
#1	.28783	-.02078	7.0214	.22928	3.2895	18.299	.00511	-.05657
#2	.28756	-.02096	7.0612	.23126	3.2944	18.368	.00502	-.08799
#3	.28673	-.02032	7.1145	.23186	3.2778	18.465	.00502	-.07163
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.181	3.4890	.33031	1.8541	.20190	8.654	.58468	<.00000
Stddev	.092	.0250	.00176	.0092	.00163	.010	.00323	.21682
%RSD	.20718	.71716	.53405	.49713	.80736	.1130	.55185	15.389
#1	44.284	3.4848	.33162	1.8585	.20355	8.662	.58747	-1.2240
#2	44.153	3.5158	.32831	1.8603	.20184	8.643	.58115	-1.6475
#3	44.107	3.4663	.33101	1.8435	.20029	8.657	.58542	-1.3552

Sample Name: K3097-10 Acquired: 5/31/2019 19:54:37 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 73.679
Stddev .299
%RSD .40596

#1 73.475
#2 73.540
#3 74.023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4027.0	52996.	5015.1	39.544	3381.5
Stddev	9.0	106.	50.2	.791	7.0
%RSD	.22456	.20006	1.0002	1.9991	.20559

#1	4018.7	52940.	4959.3	40.420	3376.9
#2	4036.7	53118.	5056.5	38.885	3378.0
#3	4025.7	52929.	5029.3	39.325	3389.5

Sample Name: K3097-11 Acquired: 5/31/2019 19:59:11 Type: Unk
Method: P4-ICP2(v3161) 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	.07758	.00092	1.9640	-.01575	.00662	73.403	2.2170	.01069
Stddev	.00095	.00164	.0034	.00220	.00050	.386	.0096	.00011
%RSD	1.2185	177.86	.17263	13.959	7.5805	.52526	.43238	1.0282
#1	.07649	.00273	1.9630	-.01632	.00690	73.181	2.2135	.01077
#2	.07824	-.00047	1.9678	-.01760	.00604	73.179	2.2097	.01057
#3	.07800	.00050	1.9613	-.01332	.00692	73.848	2.2278	.01073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	227.80	.27746	.07760	1.3754	116.76	4.7142	47.757
Stddev	.00011	.35	.00130	.00022	.0019	.25	.0137	.311
%RSD	2.6079	.15527	.47009	.28895	.13925	.21517	.29007	.65154
#1	.00407	227.73	.27868	.07785	1.3736	116.91	4.7006	47.432
#2	.00428	227.48	.27761	.07744	1.3751	116.47	4.7138	47.787
#3	.00422	228.18	.27609	.07750	1.3774	116.90	4.7280	48.052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19281	.04684	2.5826	.18818	2.4181	14.464	.00174	-.01868
Stddev	.00027	.00060	.0056	.00014	.0198	.063	.00014	.00938
%RSD	.14244	1.2723	.21696	.07660	.82012	.43744	8.2730	50.202
#1	.19289	.04624	2.5762	.18817	2.4384	14.455	.00168	-.01693
#2	.19251	.04686	2.5847	.18805	2.4170	14.405	.00191	-.01031
#3	.19304	.04743	2.5869	.18833	2.3988	14.531	.00164	-.02882
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.058	4.1155	.20906	1.5581	.16139	6.440	.30144	<.00000
Stddev	.262	.0216	.00074	.0044	.00154	.004	.00071	.19246
%RSD	.90174	.52557	.35493	.28183	.95391	.0538	.23603	47.854
#1	29.339	4.1345	.20965	1.5543	.16037	6.442	.30178	-.23790
#2	29.014	4.1201	.20930	1.5572	.16063	6.442	.30063	-.35472
#3	28.820	4.0920	.20823	1.5629	.16316	6.436	.30192	-.61395

Sample Name: K3097-11 Acquired: 5/31/2019 19:59:11 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	53.682
Stddev	.895
%RSD	1.6677

#1	52.767
#2	54.557
#3	53.722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.2	52455.	4942.4	40.882	3478.1
Stddev	5.0	127.	29.1	.784	27.2
%RSD	.12557	.24195	.58956	1.9179	.78068

#1	3994.0	52309.	4913.2	39.980	3448.2
#2	3992.2	52512.	4942.3	41.269	3485.1
#3	3984.5	52543.	4971.5	41.398	3501.1

Sample Name: K3097-12 Acquired: 5/31/2019 20:03:35 Type: Unk
Method: P4-ICP2(v3161) 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	.00986	.00185	.28451	-.02230	.00291	85.505	1.6101	.01237
Stddev	.00248	.00078	.00183	.00113	.00210	.265	.0101	.00016
%RSD	25.131	41.892	.64199	5.0645	72.113	.30960	.62747	1.2877

#1	.01224	.00104	.28338	-.02277	.00049	85.291	1.5990	.01238
#2	.00729	.00259	.28662	-.02101	.00405	85.423	1.6123	.01221
#3	.01005	.00193	.28353	-.02312	.00420	85.801	1.6189	.01252

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	288.86	.22854	.09171	.33425	127.26	5.6867	58.327
Stddev	.00014	1.40	.00046	.00015	.00320	.45	.0573	.428
%RSD	4.9910	.48509	.19994	.16846	.95689	.35736	1.0068	.73359

#1	.00299	287.25	.22895	.09163	.33274	126.95	5.6297	57.853
#2	.00284	289.81	.22805	.09189	.33792	127.05	5.7442	58.443
#3	.00270	289.51	.22864	.09161	.33209	127.78	5.6863	58.685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21511	-.02328	2.0625	.19396	.74730	17.980	.00040	-.03602
Stddev	.00017	.00041	.0128	.00075	.00777	.079	.00014	.01078
%RSD	.08055	1.7807	.62099	.38463	1.0399	.43881	36.252	29.936

#1	.21529	-.02368	2.0479	.19363	.74867	17.899	.00049	-.02750
#2	.21510	-.02285	2.0718	.19481	.73894	17.986	.00023	-.04814
#3	.21495	-.02330	2.0679	.19343	.75429	18.056	.00047	-.03241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8560	6.5874	.04002	1.6878	.21226	6.278	.28326	<.00000
Stddev	.0206	.0689	.00093	.0059	.00152	.019	.00156	.06625
%RSD	.29991	1.0459	2.3211	.34940	.71425	.3028	.55175	6.8028

#1	6.8515	6.6226	.04052	1.6940	.21382	6.279	.28184	-.94104
#2	6.8381	6.6315	.03895	1.6870	.21080	6.259	.28494	-.93033
#3	6.8784	6.5080	.04059	1.6823	.21216	6.297	.28301	-1.0500

Sample Name: K3097-12 Acquired: 5/31/2019 20:03:35 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	61.767
Stddev	.522
%RSD	.84477

#1	61.453
#2	61.478
#3	62.369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.8	52605.	4902.9	38.680	3396.7
Stddev	3.2	101.	7.0	1.344	28.5
%RSD	.07991	.19183	.14333	3.4757	.83802

#1	3994.4	52601.	4895.2	40.064	3390.5
#2	3988.2	52708.	4904.8	38.597	3427.8
#3	3989.9	52506.	4908.9	37.379	3371.9

Sample Name: CCV09 Acquired: 5/31/2019 20:08:10 Type: Unk
Method: P4-ICP2(v3161) 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	4.9315	4.9343	4.9245	5.0417	5.0248	9.8484	9.9034	.25456
Stddev	.0035	.0077	.0132	.0113	.0039	.0883	.0564	.00045
%RSD	.07107	.15649	.26861	.22446	.07843	.89673	.56972	.17654
#1	4.9280	4.9318	4.9223	5.0479	5.0284	9.7537	9.9222	.25460
#2	4.9350	4.9281	4.9125	5.0286	5.0254	9.8631	9.8400	.25499
#3	4.9314	4.9429	4.9387	5.0485	5.0206	9.9285	9.9481	.25409
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4658	24.341	.97615	2.4854	1.2524	4.8850	2.5266	24.766
Stddev	.0043	.194	.00284	.0027	.0006	.0091	.0020	.236
%RSD	.17594	.79509	.29106	.10906	.04914	.18541	.08020	.95421
#1	2.4671	24.141	.97437	2.4862	1.2519	4.8840	2.5244	24.495
#2	2.4609	24.356	.97467	2.4823	1.2522	4.8946	2.5285	24.872
#3	2.4693	24.527	.97943	2.4876	1.2531	4.8766	2.5267	24.931
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4528	1.2353	24.928	2.4671	2.4798	23.943	4.9506	4.8323
Stddev	.0038	.0011	.149	.0031	.0020	.067	.0049	.0324
%RSD	.15576	.09004	.59786	.12456	.08172	.28073	.09813	.67040
#1	2.4520	1.2366	24.802	2.4636	2.4807	23.874	4.9471	4.8078
#2	2.4495	1.2349	24.889	2.4684	2.4775	23.947	4.9486	4.8690
#3	2.4570	1.2345	25.093	2.4693	2.4813	24.008	4.9562	4.8201
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0008	4.7188	4.8448	4.8476	4.7510	5.207	4.9341	F 3.2553
Stddev	.0160	.0226	.0058	.0332	.0391	.005	.0343	.0874
%RSD	.31928	.47958	.11925	.68415	.82341	.1009	.69512	2.6847
#1	5.0047	4.7273	4.8436	4.8109	4.7694	5.209	4.9339	3.2097
#2	5.0144	4.6932	4.8397	4.8566	4.7061	5.201	4.9000	3.3560
#3	4.9832	4.7360	4.8510	4.8753	4.7776	5.211	4.9686	3.2001

Sample Name: CCV09 Acquired: 5/31/2019 20:08:10 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2128
Stddev .2435
%RSD 11.006

#1 2.1908
#2 2.4666
#3 1.9810

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.6	46943.	4174.8	38.957	3596.1
Stddev	.6	44.	22.0	1.228	3.5
%RSD	.01715	.09287	.52619	3.1520	.09757

#1	3604.3	46896.	4153.5	39.438	3594.7
#2	3604.1	46982.	4197.4	39.872	3600.1
#3	3605.3	46950.	4173.5	37.561	3593.5

Sample Name: CCB09 Acquired: 5/31/2019 20:12:14 Type: Unk
Method: P4-ICP2(v3161) 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	-.00179	.00187	-.00038	-.00249	-.00047	-.00453	.00099	.00011
Stddev	.00132	.00083	.00101	.00090	.00038	.00784	.00048	.00004
%RSD	73.747	44.671	261.78	36.217	80.732	173.23	48.685	37.244
#1	-.00049	.00238	-.00028	-.00349	-.00047	-.01358	.00061	.00008
#2	-.00175	.00232	-.00144	-.00173	-.00009	.00005	.00154	.00015
#3	-.00313	.00090	.00057	-.00225	-.00085	-.00004	.00084	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00456	-.00073	.00007	-.00033	.00055	.00005	.05873
Stddev	.00003	.00700	.00034	.00014	.00015	.00022	.00002	.03266
%RSD	36.205	153.34	46.271	196.80	45.294	39.988	39.526	55.605
#1	.00010	.00298	-.00109	.00024	-.00042	.00066	.00005	.09298
#2	.00005	-.01083	-.00044	-.00001	-.00016	.00030	.00008	.05528
#3	.00007	-.00584	-.00065	-.00001	-.00041	.00070	.00003	.02794
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00023	-.04164	.00004	.00000	.01564	.00029	.00033
Stddev	.00022	.00036	.00769	.00032	.00007	.01136	.00007	.00902
%RSD	69.582	159.08	18.467	748.53	43772.	72.633	24.407	2760.2
#1	.00038	.00019	-.05051	.00007	.00008	.00253	.00035	.01038
#2	.00007	-.00038	-.03688	.00035	-.00006	.02178	.00029	-.00706
#3	.00049	-.00049	-.03753	-.00029	-.00002	.02262	.00021	-.00234
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00935	-.00009	-.00182	.00179	-.00175	-.0023	.00016	F 1.4692
Stddev	.00280	.00134	.00017	.00183	.00026	.0014	.00001	.0261
%RSD	29.999	1522.3	9.2509	102.34	14.959	59.85	3.6600	1.7759
#1	.01256	-.00163	-.00176	.00260	-.00193	-.0015	.00017	1.4953
#2	.00810	.00078	-.00200	.00308	-.00188	-.0014	.00016	1.4432
#3	.00738	.00059	-.00168	-.00031	-.00145	-.0038	.00016	1.4691

Sample Name: CCB09 Acquired: 5/31/2019 20:12:14 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51665
Stddev	.24646
%RSD	47.703

#1	.63465
#2	.23338
#3	.68193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.5	49647.	4212.0	41.573	4080.6
Stddev	26.1	157.	34.7	1.003	33.6
%RSD	.68693	.31569	.82324	2.4118	.82357

#1	3804.7	49752.	4230.3	40.420	4058.1
#2	3773.9	49722.	4233.7	42.059	4064.5
#3	3825.9	49467.	4172.0	42.241	4119.3

Sample Name: K3097-13 Acquired: 5/31/2019 20:16:43 Type: Unk
Method: P4-ICP2(v3161) 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	.06484	.00500	2.7587	-.01813	.00719	46.993	2.0676	.00855
Stddev	.00331	.00199	.0092	.00366	.00112	.145	.0069	.00015
%RSD	5.1076	39.865	.33311	20.177	15.553	.30935	.33186	1.7257

#1	.06112	.00442	2.7679	-.01401	.00826	46.908	2.0614	.00838
#2	.06748	.00336	2.7587	-.01939	.00728	47.161	2.0750	.00862
#3	.06592	.00722	2.7495	-.02099	.00603	46.911	2.0666	.00864

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01307	985.18	.47668	.06146	4.6255	104.47	3.2554	29.345
Stddev	.00014	1.75	.00110	.00030	.0193	.42	.0035	.126
%RSD	1.1070	.17743	.23061	.49403	.41627	.39981	.10744	.42868

#1	.01314	984.03	.47585	.06177	4.6372	104.75	3.2542	29.210
#2	.01291	984.33	.47792	.06144	4.6361	104.68	3.2594	29.459
#3	.01318	987.20	.47625	.06117	4.6033	103.99	3.2527	29.366

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17353	-.01012	14.139	.14868	3.8377	8.2422	.01284	-.04993
Stddev	.00006	.00030	.036	.00103	.0188	.0795	.00048	.00966
%RSD	.03712	2.9602	.25398	.69590	.49003	.96446	3.7228	19.355

#1	.17359	-.01016	14.111	.14754	3.8464	8.1599	.01294	-.04217
#2	.17352	-.01040	14.179	.14894	3.8505	8.3186	.01233	-.06075
#3	.17346	-.00980	14.126	.14956	3.8161	8.2480	.01327	-.04686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 62.290	2.0612	.16266	1.0842	.13495	5.970	5.6981	2.6586
Stddev	.258	.0108	.00123	.0125	.00113	.003	.0306	.1234
%RSD	.41404	.52541	.75330	1.1517	.83615	.0545	.53750	4.6406

#1	62.337	2.0679	.16359	1.0721	.13441	5.974	5.6845	2.5834
#2	62.520	2.0487	.16313	1.0971	.13624	5.969	5.6765	2.8009
#3	62.011	2.0670	.16128	1.0835	.13419	5.968	5.7331	2.5914

Sample Name: K3097-13 Acquired: 5/31/2019 20:16:43 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	43.944
Stddev	.689
%RSD	1.5672

#1	43.169
#2	44.177
#3	44.486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.2	45806.	4464.5	38.332	3153.4
Stddev	16.1	189.	8.7	.273	15.5
%RSD	.45529	.41318	.19440	.71294	.49244

#1	3514.5	45695.	4454.8	38.647	3140.6
#2	3526.6	45699.	4471.4	38.161	3148.9
#3	3546.4	46025.	4467.4	38.186	3170.7

Sample Name: K3097-14 Acquired: 5/31/2019 20:21:11 Type: Unk
Method: P4-ICP2(v3161) 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	.11445	.00542	1.6442	-.02805	-.00628	127.04	1.6399	.01749
Stddev	.00183	.00252	.0061	.00092	.00099	.62	.0113	.00030
%RSD	1.5991	46.543	.37293	3.2655	15.747	.48821	.68865	1.6989
#1	.11236	.00362	1.6507	-.02899	-.00605	126.41	1.6300	.01718
#2	.11574	.00434	1.6433	-.02716	-.00542	127.65	1.6522	.01751
#3	.11526	.00830	1.6385	-.02800	-.00736	127.07	1.6375	.01778
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03628	62.949	F 2.8195	.11630	1.4242	160.99	4.4509	52.620
Stddev	.00035	.049	.0029	.00059	.0015	.16	.0273	.255
%RSD	.95432	.07741	.10373	.50683	.10784	.09808	.61259	.48535
#1	.03665	62.915	2.8178	.11692	1.4224	160.82	4.4824	52.326
#2	.03596	63.005	2.8178	.11574	1.4248	161.05	4.4354	52.759
#3	.03623	62.928	2.8229	.11625	1.4253	161.12	4.4349	52.777
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38498	-.00027	23.727	.30829	4.7324	14.837	.00910	-.08809
Stddev	.00161	.00072	.171	.00189	.0523	.127	.00014	.00175
%RSD	.41853	264.00	.71952	.61383	1.1059	.85768	1.5671	1.9921
#1	.38684	.00006	23.579	.31029	4.7915	14.770	.00912	-.08641
#2	.38411	.00022	23.914	.30652	4.7135	14.983	.00923	-.08991
#3	.38399	-.00110	23.689	.30806	4.6921	14.756	.00895	-.08794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.414	2.5619	.16920	1.7692	.20916	F 31.45	.35495	<.00000
Stddev	.994	.0443	.00140	.0040	.00068	.38	.00234	.29300
%RSD	1.0642	1.7309	.82673	.22762	.32459	1.202	.66051	9.0669
#1	94.531	2.6128	.17029	1.7663	.20939	31.88	.35727	-3.5694
#2	93.083	2.5315	.16970	1.7675	.20840	31.30	.35500	-3.0782
#3	92.627	2.5414	.16762	1.7738	.20970	31.17	.35258	-3.0471

Sample Name: K3097-14 Acquired: 5/31/2019 20:21:11 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	86.606
Stddev	.479
%RSD	.55286

#1	87.073
#2	86.630
#3	86.116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4218.4	55885.	5166.3	40.890	3550.7
Stddev	6.1	151.	53.6	.978	39.4
%RSD	.14475	.27019	1.0367	2.3918	1.1096

#1	4224.9	55711.	5105.1	41.593	3506.8
#2	4212.8	55957.	5204.6	39.773	3562.3
#3	4217.4	55985.	5189.3	41.304	3583.0

Sample Name: K3097-15 Acquired: 5/31/2019 20:25:45 Type: Unk
Method: P4-ICP2(v3161) 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	.12233	.00675	1.5431	-.01771	-.00559	99.161	3.1016	.01509
Stddev	.00418	.00198	.0034	.00216	.00140	1.021	.0235	.00015
%RSD	3.4181	29.368	.21688	12.212	25.081	1.0292	.75826	.98423
#1	.12467	.00850	1.5427	-.01599	-.00660	97.992	3.0751	.01503
#2	.11750	.00716	1.5399	-.01699	-.00618	99.873	3.1200	.01499
#3	.12482	.00460	1.5466	-.02014	-.00399	99.618	3.1096	.01526
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02978	84.266	F 2.5419	.10845	1.3484	143.19	3.0906	41.775
Stddev	.00011	.398	.0031	.00016	.0021	.08	.0012	.258
%RSD	.35363	.47268	.12064	.14832	.15551	.05915	.03913	.61776
#1	.02990	84.075	2.5396	.10864	1.3479	143.28	3.0895	41.480
#2	.02973	83.998	2.5454	.10839	1.3507	143.15	3.0903	41.960
#3	.02970	84.724	2.5407	.10834	1.3466	143.12	3.0919	41.884
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37578	-.00227	18.457	.32074	4.7839	12.248	.02657	-.04761
Stddev	.00066	.00001	.103	.00194	.0343	.038	.00020	.00186
%RSD	.17630	.25507	.55541	.60370	.71604	.30976	.74319	3.9138
#1	.37649	-.00227	18.339	.32245	4.8114	12.207	.02635	-.04790
#2	.37518	-.00226	18.519	.31864	4.7948	12.282	.02663	-.04562
#3	.37568	-.00226	18.513	.32114	4.7455	12.255	.02673	-.04931
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.496	2.9712	.16513	1.5170	.17347	F 18.51	1.7873	<.00000
Stddev	.522	.0396	.00196	.0170	.00191	.13	.0113	.03637
%RSD	.59035	1.3345	1.1878	1.1240	1.0989	.7179	.63414	1.8411
#1	88.955	3.0162	.16738	1.5003	.17157	18.60	1.7824	-1.9375
#2	88.605	2.9562	.16383	1.5163	.17345	18.57	1.7792	-2.0101
#3	87.927	2.9413	.16417	1.5343	.17538	18.36	1.8002	-1.9782

Sample Name: K3097-15 Acquired: 5/31/2019 20:25:45 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 72.024
Stddev .318
%RSD .44089

#1 72.122
#2 72.281
#3 71.669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.9	54299.	4974.1	41.144	3576.8
Stddev	6.9	64.	37.3	1.342	25.1
%RSD	.16733	.11737	.75043	3.2614	.70081

#1	4102.9	54341.	4943.4	40.213	3556.1
#2	4099.2	54226.	5015.6	40.536	3569.6
#3	4112.5	54331.	4963.3	42.682	3604.7

Sample Name: K3097-16 Acquired: 5/31/2019 20:30:10 Type: Unk
Method: P4-ICP2(v3161) 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	.15978	.00619	1.9058	-.02423	-.00474	118.56	1.7674	.01613
Stddev	.00269	.00150	.0008	.00131	.00101	1.55	.0207	.00034
%RSD	1.6861	24.211	.04144	5.4036	21.263	1.3054	1.1687	2.1306
#1	.15677	.00460	1.9058	-.02382	-.00358	116.79	1.7436	.01623
#2	.16060	.00757	1.9050	-.02570	-.00523	119.25	1.7806	.01642
#3	.16197	.00640	1.9066	-.02318	-.00540	119.65	1.7781	.01575
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03758	62.506	F 2.7203	.11016	3.0698	152.72	3.8448	49.913
Stddev	.00010	.210	.0023	.00016	.0025	.22	.0315	.669
%RSD	.26910	.33639	.08524	.14476	.08133	.14143	.81921	1.3411
#1	.03749	62.507	2.7189	.11001	3.0672	152.47	3.8480	49.140
#2	.03769	62.716	2.7230	.11014	3.0722	152.84	3.8745	50.313
#3	.03758	62.296	2.7191	.11033	3.0701	152.86	3.8118	50.285
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39628	.00434	20.630	.28944	5.2540	14.514	.00784	-.06260
Stddev	.00060	.00048	.224	.00129	.0364	.117	.00014	.01375
%RSD	.15023	11.038	1.0840	.44666	.69341	.80354	1.7953	21.962
#1	.39629	.00485	20.372	.29026	5.2922	14.380	.00767	-.05084
#2	.39567	.00430	20.763	.29012	5.2499	14.573	.00791	-.07771
#3	.39687	.00389	20.755	.28795	5.2197	14.589	.00792	-.05924
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.296	2.3537	.27985	1.5770	.19626	F 24.91	.34006	<.00000
Stddev	.702	.0484	.00061	.0132	.00020	.17	.00257	.13827
%RSD	.72923	2.0566	.21700	.83480	.10329	.6879	.75625	5.2366
#1	96.983	2.3690	.28017	1.5623	.19649	25.08	.34040	-2.7528
#2	96.325	2.3926	.28023	1.5877	.19619	24.91	.34244	-2.4861
#3	95.579	2.2995	.27915	1.5810	.19611	24.74	.33733	-2.6826

Sample Name: K3097-16 Acquired: 5/31/2019 20:30:10 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	79.464
Stddev	.144
%RSD	.18162

#1	79.465
#2	79.608
#3	79.319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4203.0	55740.	5097.1	41.738	3596.3
Stddev	4.2	59.	75.8	.870	29.6
%RSD	.09904	.10498	1.4872	2.0833	.82303

#1	4201.4	55737.	5019.6	42.727	3565.4
#2	4199.9	55683.	5100.6	41.093	3599.3
#3	4207.7	55800.	5171.1	41.396	3624.4

Sample Name: K3097-17 Acquired: 5/31/2019 20:34:41 Type: Unk
Method: P4-ICP2(v3161) 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	.15800	.00777	2.0577	-.02417	-.00682	122.73	1.8827	.01738
Stddev	.00193	.00112	.0008	.00120	.00239	.39	.0052	.00028
%RSD	1.2235	14.371	.04077	4.9480	35.019	.31802	.27354	1.5838
#1	.15945	.00906	2.0585	-.02466	-.00750	123.10	1.8885	.01713
#2	.15581	.00718	2.0568	-.02505	-.00417	122.78	1.8812	.01734
#3	.15874	.00707	2.0578	-.02281	-.00880	122.32	1.8785	.01767
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04306	62.359	F 3.3086	.11727	1.5595	156.49	3.8295	52.245
Stddev	.00005	.201	.0057	.00037	.0019	.49	.0036	.255
%RSD	.12691	.32258	.17367	.31654	.12257	.31610	.09309	.48788
#1	.04311	62.486	3.3149	.11769	1.5609	156.95	3.8265	52.194
#2	.04300	62.127	3.3075	.11706	1.5573	156.56	3.8287	52.019
#3	.04307	62.463	3.3036	.11704	1.5602	155.97	3.8335	52.521
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40966	.00585	18.464	.30858	5.2765	15.303	.00938	-.06555
Stddev	.00072	.00027	.063	.00221	.0274	.062	.00030	.00599
%RSD	.17550	4.5282	.34376	.71643	.51872	.40565	3.1489	9.1341
#1	.40893	.00591	18.536	.31112	5.2990	15.366	.00952	-.07246
#2	.41037	.00608	18.442	.30704	5.2460	15.300	.00905	-.06235
#3	.40968	.00556	18.414	.30760	5.2844	15.242	.00958	-.06185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.598	2.6807	.21926	1.6433	.21135	F 26.41	.38287	<.00000
Stddev	.493	.0371	.00174	.0041	.00078	.13	.00314	.26569
%RSD	.51049	1.3852	.79500	.24705	.36992	.5000	.81968	11.397
#1	97.090	2.7211	.22114	1.6387	.21075	26.54	.38332	-2.6381
#2	96.104	2.6481	.21895	1.6462	.21223	26.28	.37953	-2.1765
#3	96.601	2.6728	.21770	1.6451	.21106	26.42	.38576	-2.1793

Sample Name: K3097-17 Acquired: 5/31/2019 20:34:41 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	81.796
Stddev	.782
%RSD	.95637

#1	82.520
#2	80.966
#3	81.901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4179.6	55464.	5067.4	40.493	3582.5
Stddev	2.2	243.	17.8	.845	18.4
%RSD	.05324	.43874	.35166	2.0856	.51227

#1	4180.6	55272.	5054.1	39.967	3570.1
#2	4181.2	55382.	5087.7	40.044	3603.6
#3	4177.1	55738.	5060.5	41.467	3573.8

Sample Name: K3097-18 Acquired: 5/31/2019 20:39:06 Type: Unk
Method: P4-ICP2(v3161) 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	.09396	.00045	3.4652	-.02140	-.00236	119.81	1.3349	.01610
Stddev	.00277	.00175	.0173	.00006	.00084	.45	.0080	.00023
%RSD	2.9447	387.86	.50012	.29452	35.690	.37283	.60292	1.4393
#1	.09715	.00046	3.4817	-.02145	-.00194	119.30	1.3257	.01586
#2	.09242	.00220	3.4471	-.02133	-.00333	120.15	1.3382	.01611
#3	.09230	-.00131	3.4667	-.02143	-.00181	119.97	1.3407	.01632
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07787	82.770	1.7877	.11621	1.9347	145.53	3.8455	58.461
Stddev	.00025	.505	.0020	.00051	.0043	.37	.0040	.140
%RSD	.32404	.61063	.11108	.44216	.22319	.25283	.10497	.23899
#1	.07807	82.484	1.7854	.11676	1.9310	145.15	3.8437	58.343
#2	.07794	82.473	1.7891	.11573	1.9335	145.56	3.8427	58.615
#3	.07759	83.353	1.7884	.11615	1.9394	145.88	3.8502	58.427
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43922	.01771	65.023	.33124	6.5719	16.574	.01739	-.00471
Stddev	.00075	.00055	.304	.00126	.0390	.047	.00029	.02057
%RSD	.17161	3.1185	.46709	.38152	.59292	.28248	1.6917	437.22
#1	.43930	.01732	64.672	.33208	6.6003	16.524	.01754	-.02297
#2	.43843	.01748	65.201	.32978	6.5274	16.583	.01759	-.00873
#3	.43993	.01834	65.196	.33184	6.5878	16.616	.01706	.01758
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 98.276	2.2639	.56209	1.9257	.17014	F 26.56	.46970	<.00000
Stddev	.564	.0218	.00239	.0033	.00010	.15	.00378	.05618
%RSD	.57365	.96406	.42557	.16992	.05671	.5550	.80421	3.1731
#1	98.684	2.2539	.56278	1.9231	.17023	26.68	.46782	-1.7472
#2	97.633	2.2490	.56405	1.9247	.17017	26.39	.46723	-1.7295
#3	98.512	2.2890	.55942	1.9294	.17004	26.60	.47405	-1.8344

Sample Name: K3097-18 Acquired: 5/31/2019 20:39:06 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 75.663
Stddev .071
%RSD .09403

#1 75.582
#2 75.691
#3 75.715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4210.4	55865.	5170.1	40.629	3469.2
Stddev	4.7	63.	28.9	1.238	22.8
%RSD	.11217	.11268	.55920	3.0477	.65719

#1	4211.4	55891.	5162.9	40.042	3449.5
#2	4214.6	55793.	5201.9	39.793	3494.2
#3	4205.3	55911.	5145.4	42.051	3464.0

Sample Name: K3097-19 Acquired: 5/31/2019 20:43:30 Type: Unk
Method: P4-ICP2(v3161) 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	.05623	-.00047	1.4310	-.02244	.00557	101.05	.88040	.01413
Stddev	.00244	.00093	.0018	.00335	.00049	.59	.00238	.00015
%RSD	4.3334	199.27	.12400	14.923	8.7361	.58491	.27064	1.0262
#1	.05769	.00012	1.4293	-.02058	.00598	100.54	.87828	.01418
#2	.05342	.00002	1.4308	-.02631	.00569	101.70	.88298	.01424
#3	.05759	-.00154	1.4329	-.02043	.00503	100.91	.87994	.01396
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02514	62.646	.64734	.09172	1.1709	146.05	5.8711	52.350
Stddev	.00017	.297	.00113	.00017	.0014	.58	.0274	.389
%RSD	.67865	.47404	.17492	.18928	.11522	.39585	.46600	.74264
#1	.02507	62.462	.64610	.09176	1.1716	145.81	5.8613	51.913
#2	.02502	62.989	.64760	.09186	1.1717	146.71	5.8500	52.481
#3	.02534	62.488	.64832	.09152	1.1693	145.63	5.9020	52.657
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25212	-.01545	40.335	.26395	4.3436	13.934	.00825	-.00965
Stddev	.00058	.00018	.196	.00092	.0032	.060	.00024	.01052
%RSD	.22949	1.1668	.48489	.34872	.07379	.43408	2.8822	109.06
#1	.25253	-.01566	40.159	.26289	4.3402	13.866	.00851	-.00998
#2	.25238	-.01535	40.546	.26436	4.3465	13.980	.00804	.00103
#3	.25146	-.01534	40.301	.26459	4.3442	13.957	.00821	-.02001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.484	3.0189	.39836	1.8429	.14629	F 22.68	.27634	<.00000
Stddev	.042	.0484	.00240	.0032	.00125	.02	.00141	.14492
%RSD	.07740	1.6023	.60145	.17647	.85494	.0753	.50986	6.1534
#1	54.440	2.9724	.39602	1.8409	.14514	22.67	.27624	-2.2038
#2	54.488	3.0690	.40081	1.8412	.14612	22.70	.27780	-2.3690
#3	54.524	3.0155	.39827	1.8467	.14762	22.67	.27499	-2.4927

Sample Name: K3097-19 Acquired: 5/31/2019 20:43:30 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	75.515
Stddev	.774
%RSD	1.0254

#1	74.637
#2	76.100
#3	75.807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4173.2	55402.	5080.0	40.734	3511.3
Stddev	6.3	100.	14.6	1.100	.7
%RSD	.15095	.18096	.28819	2.6996	.01982

#1	4166.1	55478.	5072.7	41.853	3511.9
#2	4175.3	55288.	5070.4	39.655	3511.5
#3	4178.1	55440.	5096.8	40.695	3510.6

Sample Name: K3097-20 Acquired: 5/31/2019 20:48:03 Type: Unk
Method: P4-ICP2(v3161) 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	.03933	-.00017	.20855	-.02274	.00243	89.010	.31706	.01204
Stddev	.00026	.00114	.00095	.00063	.00026	1.178	.00443	.00015
%RSD	.67193	677.35	.45577	2.7878	10.599	1.3234	1.3987	1.2376
#1	.03909	-.00118	.20884	-.02210	.00273	89.572	.32039	.01217
#2	.03961	-.00040	.20932	-.02276	.00230	89.802	.31878	.01207
#3	.03930	.00107	.20749	-.02336	.00227	87.656	.31203	.01188
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	37.669	.26848	.08844	.22001	133.93	2.4169	41.864
Stddev	.00009	.935	.00172	.00024	.00128	.40	.0047	.369
%RSD	1.6679	2.4824	.63895	.26985	.58176	.29524	.19463	.88062
#1	.00510	38.192	.27046	.08832	.22100	133.97	2.4223	42.080
#2	.00526	38.227	.26748	.08828	.22048	134.31	2.4135	42.074
#3	.00524	36.590	.26750	.08871	.21857	133.53	2.4150	41.438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17477	-.02209	32.202	.22023	.85271	12.319	.00378	-.02277
Stddev	.00053	.00048	.471	.00163	.00537	.157	.00056	.02016
%RSD	.30596	2.1574	1.4633	.73939	.62929	1.2725	14.859	88.546
#1	.17509	-.02227	32.531	.22134	.85001	12.462	.00337	-.01646
#2	.17416	-.02155	32.413	.21836	.84923	12.344	.00442	-.00652
#3	.17508	-.02246	31.662	.22099	.85889	12.152	.00356	-.04534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 100.35	3.5450	.00737	1.4431	.16123	4.109	.02187	<.00000
Stddev	.62	.1771	.00159	.0619	.00685	.013	.00938	.42308
%RSD	.61760	4.9963	21.554	4.2922	4.2460	.3037	42.887	17.834
#1	100.16	3.5988	.00619	1.4715	.16493	4.118	.02823	-2.8319
#2	99.841	3.6890	.00917	1.4858	.16543	4.095	.02629	-1.9990
#3	101.04	3.3472	.00674	1.3721	.15333	4.114	.01110	-2.2862

Sample Name: K3097-20 Acquired: 5/31/2019 20:48:03 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	65.496
Stddev	.550
%RSD	.84026

#1	65.979
#2	64.897
#3	65.612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4197.7	55364.	5221.0	42.173	3645.3
Stddev	8.0	127.	231.2	2.222	16.9
%RSD	.19067	.23011	4.4278	5.2680	.46446

#1	4188.4	55218.	5073.1	39.952	3648.5
#2	4202.9	55427.	5102.4	42.172	3660.5
#3	4201.6	55448.	5487.4	44.395	3627.1

Sample Name: K3097-21 Acquired: 5/31/2019 20:52:28 Type: Unk
Method: P4-ICP2(v3161) 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	.06019	-.00406	.18909	-.02547	.00391	93.391	.41740	.01359
Stddev	.00250	.00084	.00125	.00151	.00119	.419	.00287	.00018
%RSD	4.1566	20.620	.66181	5.9325	30.398	.44877	.68828	1.3403
#1	.06300	-.00352	.18940	-.02486	.00292	92.941	.41476	.01374
#2	.05822	-.00503	.18772	-.02436	.00358	93.463	.41697	.01366
#3	.05934	-.00363	.19016	-.02719	.00523	93.770	.42046	.01339
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	39.394	.23429	.09460	.22591	138.58	2.4913	45.484
Stddev	.00018	.078	.00075	.00062	.00173	.13	.0056	.431
%RSD	3.2882	.19688	.32150	.65475	.76687	.09483	.22555	.94804
#1	.00563	39.429	.23466	.09528	.22483	138.52	2.4973	45.068
#2	.00550	39.305	.23342	.09408	.22499	138.50	2.4861	45.454
#3	.00527	39.447	.23478	.09443	.22791	138.74	2.4906	45.929
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18918	-.02459	33.677	.23448	.95853	12.704	.00475	-.02593
Stddev	.00075	.00052	.146	.00102	.00426	.023	.00019	.00724
%RSD	.39594	2.1218	.43216	.43528	.44426	.17905	4.0681	27.907
#1	.18925	-.02412	33.541	.23479	.95971	12.695	.00461	-.02325
#2	.18989	-.02449	33.660	.23334	.96208	12.687	.00467	-.02041
#3	.18840	-.02515	33.830	.23531	.95381	12.730	.00497	-.03412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 95.883	3.3900	.01802	2.4948	.17317	5.520	.02734	<.00000
Stddev	.603	.0310	.00128	.0196	.00159	.005	.00130	.16402
%RSD	.62858	.91391	7.1188	.78357	.91686	.0944	4.7684	4.7752
#1	96.080	3.4159	.01692	2.4797	.17353	5.523	.02872	-3.3720
#2	96.361	3.3984	.01943	2.4878	.17144	5.523	.02613	-3.6210
#3	95.206	3.3557	.01770	2.5169	.17455	5.514	.02716	-3.3115

Sample Name: K3097-21 Acquired: 5/31/2019 20:52:28 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	69.052
Stddev	.930
%RSD	1.3465

#1	69.838
#2	68.026
#3	69.294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4258.3	55936.	5159.2	40.430	3633.1
Stddev	2.4	59.	31.6	1.106	18.7
%RSD	.05573	.10511	.61218	2.7366	.51457

#1	4260.9	55956.	5124.9	40.244	3627.6
#2	4256.3	55982.	5187.0	39.429	3617.8
#3	4257.6	55869.	5165.8	41.618	3654.0

Sample Name: K3097-22 Acquired: 5/31/2019 20:56:54 Type: Unk
Method: P4-ICP2(v3161) 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	.16132	.00255	4.5207	-.02144	-.00337	131.83	1.6898	.01698
Stddev	.00172	.00341	.0066	.00078	.00114	.93	.0109	.00013
%RSD	1.0651	133.67	.14535	3.6453	33.805	.70628	.64399	.78899
#1	.16330	.00569	4.5212	-.02194	-.00358	130.76	1.6773	.01684
#2	.16024	.00306	4.5138	-.02183	-.00214	132.44	1.6972	.01711
#3	.16042	-.00108	4.5269	-.02054	-.00440	132.30	1.6949	.01699
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11931	76.924	F 3.1448	.12168	2.6286	147.84	3.6403	57.692
Stddev	.00035	.379	.0023	.00028	.0032	.37	.0043	.516
%RSD	.29730	.49303	.07299	.23253	.12260	.25076	.11916	.89418
#1	.11967	76.490	3.1434	.12175	2.6320	147.53	3.6385	57.140
#2	.11896	77.196	3.1435	.12137	2.6282	147.73	3.6452	58.162
#3	.11929	77.084	3.1475	.12192	2.6256	148.25	3.6372	57.774
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54446	.02740	71.333	.42249	8.4917	17.348	.02280	-.00411
Stddev	.00066	.00082	.418	.00082	.0197	.059	.00019	.01040
%RSD	.12123	2.9797	.58599	.19514	.23241	.33855	.83940	253.27
#1	.54520	.02746	70.861	.42247	8.5016	17.282	.02284	-.01516
#2	.54423	.02655	71.655	.42333	8.4690	17.368	.02297	-.00266
#3	.54394	.02818	71.484	.42168	8.5046	17.395	.02259	.00550
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 111.79	3.9374	.62973	2.0481	.17329	F 32.50	.55299	<.00000
Stddev	.38	.0607	.00389	.0179	.00109	.08	.00411	.20280
%RSD	.33617	1.5403	.61843	.87420	.62830	.2373	.74314	5.6543
#1	112.04	3.9004	.63386	2.0274	.17286	32.56	.54927	-3.7630
#2	111.36	3.9045	.62612	2.0571	.17249	32.42	.55740	-3.3650
#3	111.98	4.0074	.62921	2.0597	.17453	32.53	.55229	-3.6317

Sample Name: K3097-22 Acquired: 5/31/2019 20:56:54 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	76.157
Stddev	.250
%RSD	.32782

#1	76.188
#2	75.893
#3	76.390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4210.8	55469.	5233.3	38.188	3427.8
Stddev	3.0	145.	21.1	.297	7.5
%RSD	.07061	.26127	.40338	.77869	.21897

#1	4207.6	55560.	5239.1	38.275	3425.9
#2	4211.1	55302.	5209.9	38.432	3436.1
#3	4213.6	55545.	5250.9	37.857	3421.5

Sample Name: CCV10 Acquired: 5/31/2019 21:04:23 Type: Unk
Method: P4-ICP2(v3161) 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	4.8905	4.8732	4.8902	5.0070	5.0329	9.9728	9.8885	.25285
Stddev	.0008	.0088	.0061	.0075	.0042	.0668	.0561	.00046
%RSD	.01587	.17955	.12430	.14965	.08279	.66994	.56734	.18029
#1	4.8898	4.8639	4.8959	5.0126	5.0286	9.9533	9.9533	.25337
#2	4.8903	4.8745	4.8910	5.0098	5.0333	10.047	9.8570	.25260
#3	4.8913	4.8812	4.8838	4.9984	5.0369	9.9179	9.8552	.25257
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4585	24.077	.96994	2.4770	1.2493	4.8220	2.5036	24.681
Stddev	.0025	.168	.00120	.0004	.0004	.0089	.0005	.118
%RSD	.10345	.69892	.12408	.01489	.03352	.18374	.01983	.47809
#1	2.4590	23.883	.97129	2.4766	1.2491	4.8279	2.5040	24.546
#2	2.4607	24.180	.96955	2.4774	1.2491	4.8262	2.5038	24.733
#3	2.4557	24.168	.96898	2.4770	1.2498	4.8118	2.5031	24.763
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4359	1.2311	24.937	2.4417	2.4567	24.260	4.9207	4.8909
Stddev	.0006	.0007	.098	.0049	.0008	.091	.0053	.0233
%RSD	.02275	.05803	.39149	.20036	.03164	.37422	.10802	.47673
#1	2.4354	1.2317	24.867	2.4418	2.4569	24.209	4.9174	4.9164
#2	2.4360	1.2314	25.049	2.4465	2.4573	24.365	4.9268	4.8707
#3	2.4365	1.2303	24.896	2.4367	2.4558	24.206	4.9178	4.8857
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9517	4.6987	4.7781	4.8218	4.8257	5.172	4.9377	F 2.0512
Stddev	.0054	.0154	.0056	.0379	.0189	.006	.0196	.0233
%RSD	.10869	.32746	.11745	.78599	.39184	.1123	.39783	1.1379
#1	4.9549	4.6838	4.7819	4.7782	4.8075	5.171	4.9156	2.0740
#2	4.9548	4.6977	4.7717	4.8465	4.8453	5.178	4.9529	2.0523
#3	4.9455	4.7145	4.7807	4.8407	4.8244	5.167	4.9447	2.0274

Sample Name: CCV10 Acquired: 5/31/2019 21:04:23 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1962
Stddev .2924
%RSD 13.312

#1 1.8750
#2 2.4469
#3 2.2667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3603.9	46499.	4156.2	38.242	3607.4
Stddev	3.2	139.	6.7	.967	3.4
%RSD	.08811	.29820	.16143	2.5285	.09422

#1	3607.4	46347.	4155.0	38.985	3610.5
#2	3601.2	46532.	4163.5	38.593	3603.7
#3	3603.1	46618.	4150.2	37.149	3607.8

Sample Name: CCB10 Acquired: 5/31/2019 21:08:27 Type: Unk
Method: P4-ICP2(v3161) 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	-.00120	.00185	-.00090	-.00196	-.00089	-.00478	.00067
Stddev	.00057	.00081	.00079	.00329	.00060	.00150	.00040
%RSD	47.583	43.512	88.180	168.08	68.052	31.284	59.967

#1	-.00186	.00268	-.00035	-.00345	-.00128	-.00609	.00112
#2	-.00084	.00107	-.00053	-.00423	-.00019	-.00511	.00037
#3	-.00090	.00180	-.00180	.00181	-.00120	-.00315	.00051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00007	-.01545	-.00074	.00003	-.00073	-.00072
Stddev	.00007	.00004	.00136	.00035	.00004	.00008	.00050
%RSD	65.100	50.773	8.8201	47.158	116.17	11.284	70.020

#1	.00004	.00003	-.01702	-.00106	-.00001	-.00081	-.00083
#2	.00019	.00010	-.01477	-.00037	.00003	-.00074	-.00017
#3	.00012	.00008	-.01456	-.00078	.00007	-.00065	-.00115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.04883	-.00009	-.00036	-.02718	.00016	.00012
Stddev	.00000	.05467	.00018	.00009	.00509	.00028	.00004
%RSD	4.9727	111.96	197.98	23.860	18.742	171.06	35.290

#1	.00005	.09902	-.00002	-.00043	-.03026	.00046	.00014
#2	.00005	-.00942	.00004	-.00026	-.02130	-.00011	.00007
#3	.00005	.05688	-.00029	-.00038	-.02999	.00014	.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00046	-.00021	F .02517	-.00092	-.00221	.00119
Stddev	.00409	.00029	.00700	.00396	.00156	.00088	.00178
%RSD	3702.4	64.124	3319.2	15.717	169.15	39.600	149.16

#1	-.00212	.00076	-.00432	.02606	.00062	-.00129	-.00062
#2	.00483	.00044	.00788	.02085	-.00088	-.00231	.00126
#3	-.00238	.00018	-.00419	.02861	-.00251	-.00303	.00294

Sample Name: CCB10 Acquired: 5/31/2019 21:08:27 Type: Unk
 Method: P4-ICP2(v3161) 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	-.00195	-.0005	.00010	F 1.5206	F<.00000
Stddev	.00108	.0013	.00007	.2505	.06190
%RSD	55.056	260.3	69.658	16.477	385.20

#1	-.00251	.0009	.00005	1.4578	-.07609
#2	-.00264	-.0007	.00007	1.7966	-.01967
#3	-.00071	-.0016	.00018	1.3074	.04755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.3	49495.	4214.4	40.593	4080.2
Stddev	16.5	216.	4.7	1.191	24.5
%RSD	.43457	.43719	.11212	2.9337	.60082

#1	3793.4	49245.	4211.3	39.502	4059.3
#2	3816.7	49627.	4219.9	40.414	4107.2
#3	3784.7	49613.	4212.2	41.864	4074.1

Sample Name: K3097-23 Acquired: 5/31/2019 21:12:56 Type: Unk
Method: P4-ICP2(v3161) 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	.41917	.00384	4.1191	-.01921	.00431	116.16	2.3607	.01658
Stddev	.00090	.00072	.0221	.00128	.00046	.60	.0166	.00023
%RSD	.21456	18.689	.53632	6.6758	10.606	.51723	.70323	1.3664
#1	.41997	.00306	4.1292	-.02027	.00469	115.71	2.3460	.01633
#2	.41934	.00400	4.0938	-.01779	.00381	115.92	2.3576	.01666
#3	.41819	.00447	4.1343	-.01957	.00444	116.84	2.3787	.01676
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06419	87.463	F 2.5632	.11043	2.7188	152.94	3.7344	61.183
Stddev	.00022	.362	.0009	.00029	.0040	.21	.0030	.557
%RSD	.33739	.41421	.03632	.25865	.14700	.13778	.08080	.91109
#1	.06443	87.522	2.5630	.11067	2.7177	153.16	3.7310	60.667
#2	.06402	87.792	2.5624	.11011	2.7232	152.74	3.7356	61.108
#3	.06413	87.075	2.5642	.11051	2.7154	152.91	3.7367	61.774
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46847	.00052	54.514	.32532	6.5988	18.051	.00822	-.05618
Stddev	.00124	.00025	.365	.00149	.0307	.083	.00041	.01111
%RSD	.26506	48.616	.67011	.45709	.46520	.45884	4.9531	19.771
#1	.46978	.00042	54.181	.32547	6.6059	18.043	.00812	-.05327
#2	.46832	.00034	54.457	.32376	6.5652	17.972	.00867	-.04681
#3	.46731	.00081	54.905	.32672	6.6253	18.137	.00787	-.06845
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 106.45	2.5773	2.5038	1.7213	.18991	F 19.53	.31898	<.00000
Stddev	.51	.0086	.0054	.0074	.00096	.13	.00433	.12945
%RSD	.47443	.33225	.21596	.42802	.50420	.6518	1.3588	4.3687
#1	106.62	2.5783	2.5100	1.7188	.18989	19.57	.32243	-3.0214
#2	105.89	2.5854	2.5001	1.7296	.19088	19.39	.32038	-2.8147
#3	106.85	2.5683	2.5013	1.7155	.18896	19.64	.31411	-3.0530

Sample Name: K3097-23 Acquired: 5/31/2019 21:12:56 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	79.141
Stddev	1.117
%RSD	1.4111

#1	79.651
#2	77.860
#3	79.911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4198.2	55832.	5210.6	39.877	3478.9
Stddev	9.3	49.	78.5	1.155	15.5
%RSD	.22258	.08808	1.5057	2.8956	.44635

#1	4197.0	55863.	5158.3	38.894	3473.5
#2	4189.4	55775.	5172.7	39.587	3496.3
#3	4208.0	55857.	5300.8	41.149	3466.7

Sample Name: K2639-06 Acquired: 5/31/2019 21:17:19 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	-.00225	.00242	.00041	-.00245	.06301	.12849	.00014
Stddev	.00113	.00049	.00097	.00125	.00014	.01551	.00137	.00003
%RSD	48.556	21.996	40.288	304.24	5.5907	24.613	1.0668	23.656

#1	-.00121	-.00172	.00138	.00003	-.00254	.04612	.12693	.00018
#2	-.00347	-.00269	.00256	-.00060	-.00229	.07660	.12903	.00013
#3	-.00230	-.00232	.00332	.00180	-.00252	.06633	.12950	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	32.782	-.00048	.00223	.00486	.01019	.63651	2.3721
Stddev	.00000	.210	.00040	.00010	.00040	.00080	.00034	.0521
%RSD	.64235	.63934	83.692	4.4911	8.1740	7.8903	.05404	2.1964

#1	.00016	32.671	-.00045	.00235	.00441	.01055	.63637	2.3402
#2	.00016	33.024	-.00089	.00217	.00517	.01076	.63691	2.3439
#3	.00016	32.652	-.00009	.00217	.00499	.00927	.63627	2.4322

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	-.00037	295.97	-.00132	.02127	1.0655	-.00024	.01902
Stddev	.00014	.00059	2.17	.00038	.00002	.0579	.00008	.01483
%RSD	5.9429	156.98	.73178	28.700	.09230	5.4312	33.327	77.971

#1	.00238	-.00104	293.48	-.00095	.02125	1.0062	-.00015	.00537
#2	.00255	-.00014	297.02	-.00171	.02126	1.0686	-.00026	.03481
#3	.00227	.00006	297.41	-.00131	.02129	1.1218	-.00031	.01690

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63983	.79416	-.00218	.00080	-.00076	.0067	.18254	3.1898
Stddev	.00636	.00840	.00045	.00148	.00158	.0021	.00080	.0431
%RSD	.99400	1.0572	20.628	184.65	209.24	31.30	.43929	1.3523

#1	.64715	.80365	-.00226	-.00073	-.00208	.0076	.18161	3.1436
#2	.63568	.79112	-.00259	.00223	.00099	.0043	.18294	3.1968
#3	.63666	.78770	-.00170	.00091	-.00118	.0081	.18305	3.2290

Sample Name: K2639-06 Acquired: 5/31/2019 21:17:19 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .69934
 Stddev .21328
 %RSD 30.497

#1 .70868
 #2 .90779
 #3 .48155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.1	45715.	4209.6	38.727	3539.8
Stddev	18.6	81.	20.2	1.893	17.5
%RSD	.52487	.17785	.47940	4.8887	.49404

#1	3535.8	45808.	4186.5	38.018	3524.5
#2	3545.7	45675.	4219.0	40.873	3536.0
#3	3571.9	45661.	4223.4	37.291	3558.8

Sample Name: K2639-06DUP Acquired: 5/31/2019 21:21:54 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00196	.00360	.00017	-.00175	.05276	.12599	.00014
Stddev	.00133	.00098	.00066	.00065	.00131	.00049	.00095	.00008
%RSD	63.653	49.907	18.416	389.88	75.318	.92758	.75688	55.890

#1	-.00289	-.00103	.00345	-.00042	-.00023	.05241	.12620	.00005
#2	-.00283	-.00297	.00433	.00086	-.00261	.05256	.12496	.00019
#3	-.00055	-.00187	.00303	.00005	-.00240	.05332	.12683	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	32.691	-.00077	.00219	.00518	.00790	.63684	2.3743
Stddev	.00004	.106	.00011	.00008	.00029	.00040	.00153	.0681
%RSD	28.314	.32514	14.212	3.7876	5.5787	5.1260	.24100	2.8694

#1	.00010	32.635	-.00085	.00228	.00510	.00750	.63689	2.3901
#2	.00017	32.625	-.00065	.00218	.00550	.00831	.63527	2.2997
#3	.00017	32.814	-.00080	.00212	.00494	.00789	.63834	2.4332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	-.00010	293.73	-.00105	.02090	1.0948	-.00018	.01318
Stddev	.00023	.00050	1.38	.00015	.00010	.0404	.00009	.01402
%RSD	8.7761	502.31	.46834	14.654	.49823	3.6938	49.532	106.36

#1	.00246	-.00014	293.29	-.00118	.02095	1.0585	-.00019	.00187
#2	.00287	.00042	292.63	-.00109	.02097	1.1384	-.00027	.02886
#3	.00250	-.00058	295.27	-.00088	.02078	1.0875	-.00009	.00880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61588	.79439	-.00197	.00138	-.00182	.0052	.18217	3.2698
Stddev	.00064	.00222	.00045	.00078	.00100	.0006	.00071	.1979
%RSD	.10447	.27893	22.742	56.418	55.162	10.53	.38722	6.0522

#1	.61527	.79520	-.00248	.00167	-.00229	.0059	.18151	3.1388
#2	.61655	.79609	-.00161	.00050	-.00251	.0051	.18209	3.1731
#3	.61582	.79188	-.00183	.00198	-.00067	.0048	.18291	3.4974

Sample Name: K2639-06DUP Acquired: 5/31/2019 21:21:54 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.81903
Stddev	.41001
%RSD	50.060

#1	.77150
#2	1.2507
#3	.43486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3580.2	45992.	4209.7	39.669	3567.6
Stddev	29.1	148.	7.4	.973	24.8
%RSD	.81263	.32112	.17622	2.4527	.69469

#1	3555.6	45844.	4202.0	38.559	3549.8
#2	3572.7	46139.	4210.3	40.375	3557.0
#3	3612.3	45995.	4216.8	40.073	3595.9

Sample Name: K2639-06LX5 Acquired: 5/31/2019 21:26:30 Type: Unk
Method: P4-ICP2(v3161) 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	-.00409	-.00022	.00043	-.00127	-.00180	.00749	.02519	.00004
Stddev	.00225	.00032	.00030	.00113	.00051	.00384	.00048	.00006
%RSD	55.101	143.31	68.116	89.442	28.302	51.275	1.9022	143.32

#1	-.00242	-.00004	.00061	-.00015	-.00239	.00307	.02504	.00000
#2	-.00319	-.00060	.00009	-.00124	-.00150	.00947	.02481	.00001
#3	-.00665	-.00004	.00060	-.00241	-.00152	.00995	.02573	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	6.7054	-.00112	.00037	.00047	.00071	.13245	.51939
Stddev	.00006	.0654	.00022	.00004	.00013	.00054	.00091	.03524
%RSD	76.341	.97498	19.822	9.7689	28.564	76.015	.68386	6.7853

#1	.00002	6.6809	-.00088	.00039	.00062	.00026	.13173	.55017
#2	.00014	6.6558	-.00132	.00033	.00037	.00057	.13215	.48095
#3	.00008	6.7795	-.00116	.00039	.00042	.00131	.13347	.52706

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00016	58.016	.00001	.00408	.26331	-.00027	.00476
Stddev	.00013	.00011	.446	.00037	.00005	.01169	.00008	.01189
%RSD	43.151	66.350	.76888	4540.8	1.1953	4.4400	30.248	249.52

#1	.00034	.00007	57.633	.00034	.00407	.25050	-.00023	.01731
#2	.00040	.00013	57.910	-.00039	.00404	.27341	-.00022	-.00632
#3	.00016	.00028	58.506	.00007	.00414	.26601	-.00037	.00330

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13321	.16488	-.00324	.00205	.00008	.0003	.03719	2.3308
Stddev	.00179	.00252	.00053	.00155	.00078	.0012	.00019	.1752
%RSD	1.3462	1.5286	16.336	75.754	966.96	366.8	.52002	7.5159

#1	.13527	.16758	-.00264	.00374	.00098	.0012	.03709	2.5229
#2	.13243	.16448	-.00344	.00070	-.00030	-.0010	.03707	2.2897
#3	.13195	.16258	-.00363	.00170	-.00044	.0007	.03741	2.1799

Sample Name: K2639-06LX5 Acquired: 5/31/2019 21:26:30 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .17934
 Stddev .33825
 %RSD 188.61

#1 .33340
 #2 .41315
 #3 -.20851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3739.7	48292.	4239.8	39.938	3866.0
Stddev	10.7	96.	15.1	.802	13.6
%RSD	.28582	.19844	.35511	2.0091	.35058

#1	3731.9	48352.	4225.7	40.790	3855.4
#2	3735.2	48343.	4238.1	39.196	3861.3
#3	3751.9	48181.	4255.7	39.827	3881.2

Sample Name: K2639-06MS Acquired: 5/31/2019 21:30:58 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 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	.73176	1.7641	.90964	1.9151	.72436	1.9247	.31805	.19189	.18635
Stddev	.00172	.0062	.00170	.0043	.00128	.0167	.00243	.00078	.00017
%RSD	.23528	.35363	.18671	.22470	.17634	.86964	.76302	.40783	.08859

#1	.72983	1.7609	.90771	1.9106	.72332	1.9057	.31579	.19099	.18653
#2	.73315	1.7713	.91030	1.9155	.72397	1.9312	.32061	.19244	.18630
#3	.73230	1.7601	.91092	1.9191	.72579	1.9373	.31775	.19223	.18622

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.742	.34940	.19185	.28837	2.7045	.83323	4.2245	.46654	.06724
Stddev	.203	.00128	.00057	.00081	.0023	.00138	.0546	.00130	.00089
%RSD	.58366	.36624	.29478	.27933	.08516	.16603	1.2929	.27869	1.3243

#1	34.541	.35026	.19139	.28914	2.7035	.83176	4.1714	.46802	.06667
#2	34.737	.35001	.19169	.28754	2.7071	.83451	4.2805	.46605	.06679
#3	34.946	.34793	.19248	.28844	2.7028	.83342	4.2215	.46556	.06827

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	293.20	.29161	.21071	10.409	.37580	.29800	.60573	1.6276	.62673
Stddev	.30	.00081	.00011	.109	.00139	.00813	.00187	.0232	.00210
%RSD	.10149	.27638	.05373	1.0454	.36960	2.7297	.30822	1.4250	.33459

#1	292.91	.29076	.21058	10.311	.37668	.30289	.60413	1.6540	.62905
#2	293.50	.29237	.21079	10.526	.37419	.30249	.60778	1.6105	.62616
#3	293.20	.29171	.21076	10.389	.37651	.28861	.60527	1.6183	.62497

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18448	.18397	5.970	.36461	3.2431	.48537
Stddev	.00069	.00152	.009	.00145	.1757	.13129
%RSD	.37621	.82371	.1572	.39905	5.4173	27.050

#1	.18526	.18288	5.960	.36565	3.3271	.34038
#2	.18394	.18332	5.979	.36295	3.0412	.59621
#3	.18425	.18570	5.972	.36523	3.3610	.51952

Sample Name: K2639-06MS Acquired: 5/31/2019 21:30:58 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 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	3575.4	46357.	4160.2	39.130	3571.4
Stddev	10.7	188.	40.2	1.133	12.4
%RSD	.29909	.40561	.96632	2.8949	.34677
#1	3569.8	46283.	4115.8	37.900	3565.5
#2	3568.7	46217.	4194.1	40.131	3563.0
#3	3587.7	46571.	4170.8	39.358	3585.6

Sample Name: K2639-06MSD Acquired: 5/31/2019 21:35:14 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 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	.75361	1.8154	.93558	1.9703	.74051	2.0021	.32689	.19824	.19186
Stddev	.00204	.0026	.00102	.0037	.00296	.0181	.00331	.00054	.00028
%RSD	.27005	.14078	.10937	.18684	.39944	.90166	1.0111	.27103	.14352

#1	.75332	1.8150	.93460	1.9745	.74213	1.9814	.32347	.19770	.19155
#2	.75173	1.8181	.93664	1.9687	.74230	2.0141	.32714	.19825	.19197
#3	.75577	1.8131	.93551	1.9677	.73710	2.0109	.33007	.19878	.19207

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.126	.36392	.19764	.29669	2.7995	.85008	4.3447	.48059	.06919
Stddev	.240	.00136	.00016	.00028	.0102	.00281	.0824	.00057	.00057
%RSD	.68456	.37396	.07922	.09329	.36579	.33042	1.8964	.11930	.82510

#1	34.865	.36239	.19746	.29701	2.7903	.84693	4.3022	.48119	.06861
#2	35.173	.36499	.19775	.29650	2.7977	.85097	4.4397	.48005	.06921
#3	35.339	.36437	.19771	.29657	2.8105	.85233	4.2923	.48052	.06975

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	297.13	.30252	.21713	10.805	.38720	.30682	.61339	1.6477	.64316
Stddev	1.32	.00049	.00020	.143	.00076	.01030	.00328	.0176	.00465
%RSD	.44373	.16104	.09222	1.3242	.19515	3.3565	.53419	1.0711	.72359

#1	295.91	.30200	.21690	10.643	.38798	.29494	.61633	1.6665	.64028
#2	296.95	.30297	.21724	10.859	.38647	.31312	.60986	1.6315	.64067
#3	298.53	.30260	.21726	10.913	.38716	.31240	.61399	1.6451	.64853

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18877	.18958	6.160	.37134	3.4681	.35208
Stddev	.00139	.00185	.002	.00358	.2036	.18988
%RSD	.73601	.97796	.0319	.96467	5.8713	53.930

#1	.18750	.18855	6.158	.37037	3.2892	.21513
#2	.19026	.18848	6.158	.36834	3.4255	.27228
#3	.18856	.19172	6.162	.37530	3.6896	.56883

Sample Name: K2639-06MSD Acquired: 5/31/2019 21:35:14 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 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	3601.4	46452.	4206.8	40.432	3590.0
Stddev	8.2	186.	35.0	1.318	6.8
%RSD	.22761	.40011	.83151	3.2595	.18938
#1	3595.0	46606.	4176.5	40.272	3584.3
#2	3598.5	46504.	4245.1	41.823	3588.1
#3	3610.6	46246.	4198.8	39.202	3597.5

Sample Name: K2639-06A Acquired: 5/31/2019 21:39:29 Type: Unk
Method: P4-ICP2(v3161) 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	.74438	1.7996	.92578	1.9533	.73568	1.9391	.32296	.19502	.18948
Stddev	.00219	.0076	.00153	.0050	.00282	.0212	.00038	.00080	.00021
%RSD	.29410	.42106	.16478	.25745	.38321	1.0919	.11769	.40888	.11231

#1	.74655	1.7908	.92409	1.9508	.73880	1.9159	.32312	.19445	.18969
#2	.74442	1.8046	.92621	1.9591	.73493	1.9439	.32252	.19469	.18948
#3	.74217	1.8032	.92705	1.9501	.73331	1.9574	.32323	.19593	.18927

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.073	.35530	.19576	.29272	2.7562	.84487	4.2577	.47473	.06792
Stddev	.174	.00167	.00012	.00078	.0051	.00383	.0631	.00075	.00013
%RSD	.49616	.47077	.06220	.26501	.18602	.45317	1.4824	.15799	.18477

#1	34.884	.35696	.19563	.29195	2.7558	.84172	4.2173	.47556	.06784
#2	35.110	.35362	.19586	.29272	2.7514	.84376	4.3305	.47451	.06807
#3	35.226	.35532	.19581	.29350	2.7616	.84913	4.2254	.47411	.06786

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	292.97	.29938	.21546	10.604	.38329	.30883	.61476	1.6296	.63861
Stddev	2.07	.00114	.00038	.065	.00086	.00698	.00465	.0117	.00207
%RSD	.70710	.38055	.17765	.61645	.22567	2.2593	.75696	.71942	.32467

#1	290.62	.29836	.21520	10.540	.38229	.30094	.61082	1.6420	.63629
#2	294.53	.29917	.21590	10.603	.38380	.31137	.61356	1.6281	.64028
#3	293.77	.30061	.21528	10.670	.38378	.31419	.61990	1.6187	.63926

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18879	.18642	6.087	.36797	3.8919	.70017			
Stddev	.00409	.00063	.009	.00103	.0765	.19909			
%RSD	2.1654	.33561	.1513	.27956	1.9643	28.435			

#1	.18578	.18705	6.076	.36831	3.8113	.75868			
#2	.18715	.18580	6.092	.36878	3.9633	.86344			
#3	.19344	.18641	6.091	.36681	3.9011	.47837			

Sample Name: K2639-06A Acquired: 5/31/2019 21:39:29 Type: Unk
 Method: P4-ICP2(v3161) 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	3587.5	46600.	4207.1	39.374	3575.6
Stddev	8.8	110.	20.4	.289	9.7
%RSD	.24499	.23590	.48495	.73446	.27242
#1	3584.7	46507.	4184.2	39.403	3570.5
#2	3580.5	46721.	4214.1	39.648	3569.6
#3	3597.4	46573.	4223.2	39.072	3586.9

Sample Name: K2639-08 Acquired: 5/31/2019 21:43:45 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	-.00312	.00867	.00010	-.00179	.12580	.14549	.00019
Stddev	.00192	.00101	.00051	.00171	.00097	.01057	.00062	.00004
%RSD	60.396	32.289	5.8716	1723.5	54.102	8.4043	.42686	18.606

#1	-.00140	-.00229	.00832	-.00037	-.00200	.12469	.14477	.00020
#2	-.00522	-.00424	.00843	-.00133	-.00074	.13689	.14576	.00023
#3	-.00292	-.00283	.00925	.00199	-.00264	.11583	.14592	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	12.236	-.00027	.00373	.00583	.05418	.57673	1.6094
Stddev	.00006	.116	.00043	.00021	.00026	.00118	.00151	.0421
%RSD	20.906	.94613	159.66	5.6667	4.3870	2.1786	.26263	2.6183

#1	.00031	12.108	-.00007	.00349	.00611	.05547	.57847	1.5891
#2	.00021	12.266	.00002	.00386	.00576	.05392	.57588	1.6579
#3	.00032	12.333	-.00077	.00385	.00561	.05315	.57582	1.5813

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	-.00008	300.15	-.00078	.04150	.90898	-.00014	.01756
Stddev	.00007	.00007	3.34	.00028	.00018	.02795	.00017	.01078
%RSD	2.5576	84.995	1.1113	35.755	.42762	3.0750	125.56	61.376

#1	.00273	-.00007	297.71	-.00046	.04170	.92535	-.00004	.00973
#2	.00260	-.00002	303.95	-.00092	.04144	.87671	-.00033	.02986
#3	.00264	-.00015	298.79	-.00097	.04137	.92489	-.00003	.01310

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43115	.52443	-.00203	.00538	-.00021	.0063	.07244	3.6010
Stddev	.00574	.00183	.00036	.00164	.00043	.0008	.00028	.1693
%RSD	1.3318	.34899	17.995	30.477	204.06	12.50	.39225	4.7007

#1	.43722	.52328	-.00203	.00577	-.00068	.0068	.07212	3.4848
#2	.43041	.52654	-.00166	.00678	.00016	.0067	.07257	3.5229
#3	.42581	.52347	-.00239	.00358	-.00012	.0054	.07264	3.7952

Sample Name: K2639-08 Acquired: 5/31/2019 21:43:45 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-053019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.79100
Stddev	.23151
%RSD	29.268

#1	1.0380
#2	.57894
#3	.75608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.6	46336.	4218.0	40.815	3603.2
Stddev	7.8	201.	3.7	1.421	7.5
%RSD	.21567	.43287	.08661	3.4826	.20869

#1	3590.6	46127.	4219.6	39.452	3595.0
#2	3604.8	46355.	4213.8	42.289	3609.8
#3	3603.2	46527.	4220.5	40.705	3604.7

Sample Name: K3104-11 Acquired: 5/31/2019 21:48:20 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-251-688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	-.00312	.02598	-.00071	-.00106	.22593	.11173	.00004
Stddev	.00322	.00058	.00102	.00091	.00111	.00660	.00077	.00002
%RSD	80.863	18.707	3.9302	127.96	104.52	2.9227	.68753	37.561

#1	-.00066	-.00256	.02673	-.00164	-.00104	.23303	.11192	.00004
#2	-.00709	-.00372	.02482	-.00068	.00004	.21998	.11089	.00006
#3	-.00420	-.00309	.02641	.00018	-.00218	.22477	.11239	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	10.484	.00013	.00318	.00965	.04339	.12452	3.2369
Stddev	.00005	.068	.00016	.00020	.00036	.00026	.00024	.0428
%RSD	6.8137	.64386	124.68	6.2563	3.7198	.59707	.19578	1.3207

#1	.00072	10.430	.00010	.00305	.00988	.04310	.12424	3.2744
#2	.00071	10.461	.00031	.00308	.00983	.04360	.12461	3.1903
#3	.00064	10.559	-.00001	.00341	.00924	.04348	.12471	3.2460

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	-.00045	306.78	.00036	.13555	.90137	-.00021	.00884
Stddev	.00024	.00018	1.16	.00024	.00007	.01246	.00012	.01095
%RSD	10.412	39.118	.37942	68.173	.05484	1.3821	58.344	123.92

#1	.00221	-.00052	307.41	.00058	.13548	.90714	-.00012	.02022
#2	.00218	-.00058	307.49	.00039	.13554	.90990	-.00016	-.00163
#3	.00262	-.00025	305.43	.00010	.13563	.88707	-.00034	.00793

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19573	.71568	-.00312	.00470	.00111	.0059	.04964	3.6115
Stddev	.00191	.00854	.00037	.00027	.00177	.0011	.00013	.3190
%RSD	.97331	1.1928	11.703	5.7968	159.29	17.87	.27107	8.8333

#1	.19461	.70721	-.00351	.00487	-.00092	.0051	.04949	3.2530
#2	.19793	.72428	-.00308	.00485	.00235	.0071	.04975	3.7172
#3	.19465	.71557	-.00278	.00439	.00191	.0055	.04969	3.8642

Sample Name: K3104-11 Acquired: 5/31/2019 21:48:20 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-251-688 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.58742
Stddev	.11143
%RSD	18.969

#1	.46485
#2	.61483
#3	.68259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.3	46358.	4227.1	40.127	3587.7
Stddev	14.9	108.	24.8	1.756	17.7
%RSD	.41496	.23306	.58758	4.3755	.49431

#1	3579.8	46246.	4243.0	40.532	3576.7
#2	3586.0	46365.	4198.5	41.645	3578.3
#3	3608.2	46462.	4239.8	38.205	3608.2

Sample Name: K3105-02 Acquired: 5/31/2019 21:52:54 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 101-102 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00386	-.00365	.58216	.00114	-.00146	.04534	.14263	.00012
Stddev	.00016	.00174	.00266	.00223	.00075	.00649	.00033	.00003
%RSD	4.0369	47.771	.45660	195.81	51.137	14.316	.23444	26.103

#1	-.00401	-.00558	.57953	-.00086	-.00154	.03906	.14265	.00011
#2	-.00370	-.00220	.58211	.00354	-.00216	.05202	.14229	.00010
#3	-.00387	-.00316	.58485	.00073	-.00068	.04495	.14296	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	43.471	-.00151	.00382	.01801	.44155	1.3031	12.852
Stddev	.00006	.190	.00020	.00015	.00021	.00217	.0033	.121
%RSD	11.763	.43809	13.431	3.8150	1.1914	.49146	.25343	.94172

#1	.00052	43.252	-.00175	.00375	.01777	.43969	1.2993	12.719
#2	.00048	43.600	-.00141	.00372	.01818	.44102	1.3056	12.881
#3	.00060	43.561	-.00138	.00399	.01809	.44393	1.3043	12.955

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00850	-.00025	297.77	-.00300	.12428	.99679	-.00007	.03219
Stddev	.00018	.00009	.77	.00008	.00054	.00575	.00021	.00938
%RSD	2.1360	35.791	.26021	2.6782	.43326	.57645	303.21	29.151

#1	.00837	-.00031	296.95	-.00295	.12368	.99664	.00004	.02591
#2	.00842	-.00029	298.49	-.00296	.12445	1.0026	.00007	.02768
#3	.00871	-.00015	297.87	-.00309	.12471	.99111	-.00032	.04298

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8970	.37757	-.00245	.00062	.00216	.0006	.07677	3.7134
Stddev	.0312	.00391	.00045	.00028	.00077	.0010	.00059	.3110
%RSD	1.0781	1.0354	18.208	44.394	35.802	168.0	.76807	8.3753

#1	2.8724	.37466	-.00282	.00056	.00143	.0016	.07610	3.5512
#2	2.8864	.38201	-.00195	.00092	.00208	.0005	.07722	4.0720
#3	2.9321	.37603	-.00257	.00038	.00296	-.0004	.07697	3.5171

Sample Name: K3105-02 Acquired: 5/31/2019 21:52:54 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 101-102 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .86479
Stddev .17267
%RSD 19.967

#1 .77778
#2 .75293
#3 1.0637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.4	45904.	4196.9	39.986	3512.9
Stddev	9.9	50.	32.1	.960	7.5
%RSD	.27828	.10946	.76444	2.4008	.21387

#1	3532.1	45918.	4231.2	41.093	3505.3
#2	3549.9	45946.	4167.7	39.393	3520.3
#3	3548.4	45849.	4191.7	39.470	3513.1

Sample Name: CCV11 Acquired: 5/31/2019 21:57:25 Type: Unk
Method: P4-ICP2(v3161) 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	4.9714	4.9617	4.9664	5.0879	5.0262	9.7631	9.8657	.25487
Stddev	.0163	.0015	.0050	.0155	.0250	.1051	.1208	.00109
%RSD	.32857	.03046	.10116	.30480	.49652	1.0764	1.2247	.42589
#1	4.9892	4.9601	4.9705	5.1024	5.0285	9.6442	9.7313	.25390
#2	4.9681	4.9619	4.9678	5.0898	5.0499	9.8436	9.9654	.25604
#3	4.9570	4.9631	4.9608	5.0715	5.0002	9.8014	9.9003	.25467
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4806	24.676	.97695	2.5063	1.2475	4.8943	2.5531	25.188
Stddev	.0038	.134	.00199	.0032	.0043	.0042	.0004	.336
%RSD	.15411	.54445	.20390	.12972	.34245	.08520	.01569	1.3348
#1	2.4838	24.555	.97468	2.5089	1.2468	4.8955	2.5534	24.813
#2	2.4817	24.653	.97778	2.5074	1.2521	4.8977	2.5526	25.291
#3	2.4764	24.821	.97840	2.5027	1.2436	4.8897	2.5532	25.461
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4656	1.2365	24.412	2.4979	2.4970	23.679	4.9629	4.7947
Stddev	.0048	.0015	.172	.0010	.0019	.173	.0116	.0595
%RSD	.19341	.11776	.70377	.03788	.07646	.73233	.23363	1.2413
#1	2.4674	1.2354	24.232	2.4989	2.4976	23.509	4.9647	4.7444
#2	2.4693	1.2361	24.430	2.4971	2.4985	23.674	4.9735	4.8604
#3	2.4602	1.2382	24.574	2.4976	2.4948	23.855	4.9505	4.7792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0778	4.7123	4.8924	4.8801	4.6894	5.279	4.9322	F 3.4675
Stddev	.0154	.0320	.0117	.0058	.0180	.012	.0245	.1346
%RSD	.30382	.67907	.23975	.11925	.38435	.2325	.49623	3.8814
#1	5.0609	4.7476	4.8819	4.8739	4.6847	5.291	4.9181	3.6229
#2	5.0911	4.6853	4.8902	4.8855	4.6742	5.280	4.9181	3.3870
#3	5.0816	4.7040	4.9051	4.8810	4.7093	5.267	4.9605	3.3927

Sample Name: CCV11 Acquired: 5/31/2019 21:57:25 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7026
Stddev .2390
%RSD 8.8433

#1 2.6043
#2 2.5284
#3 2.9751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.9	48200.	4267.1	39.350	3656.6
Stddev	9.3	110.	16.9	1.071	4.8
%RSD	.25302	.22773	.39516	2.7229	.13007

#1	3684.7	48326.	4248.7	38.538	3653.0
#2	3682.4	48122.	4281.7	38.946	3654.9
#3	3699.6	48153.	4271.0	40.564	3662.0

Sample Name: CCB11 Acquired: 5/31/2019 22:01:33 Type: Unk
Method: P4-ICP2(v3161) 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	-.00053	.00086	-.00096	-.00065	-.00215	-.01232	.00114	.00007
Stddev	.00224	.00054	.00066	.00057	.00087	.00600	.00065	.00003
%RSD	420.90	62.441	68.827	87.561	40.340	48.690	57.188	42.775
#1	-.00302	.00116	-.00163	-.00002	-.00135	-.01091	.00039	.00008
#2	.00011	.00119	-.00097	-.00082	-.00307	-.01889	.00160	.00003
#3	.00132	.00024	-.00030	-.00112	-.00203	-.00715	.00142	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01175	-.00030	-.00001	-.00063	-.00096	.00001	.08733
Stddev	.00002	.00399	.00017	.00007	.00012	.00044	.00007	.04658
%RSD	36.929	34.013	57.123	1068.5	19.329	46.467	904.27	53.343
#1	.00003	-.01379	-.00050	-.00008	-.00053	-.00120	.00001	.11967
#2	.00006	-.01431	-.00020	-.00000	-.00076	-.00044	.00008	.03393
#3	.00007	-.00714	-.00020	.00006	-.00058	-.00123	-.00006	.10838
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00020	.06179	.00038	-.00032	.01944	.00053	.01091
Stddev	.00015	.00040	.01453	.00015	.00002	.03261	.00015	.00159
%RSD	163.47	199.32	23.513	39.308	5.3571	167.71	27.997	14.605
#1	.00027	-.00065	.04507	.00055	-.00033	.05413	.00052	.01011
#2	-.00000	.00012	.06890	.00033	-.00031	.01478	.00039	.01275
#3	.00001	-.00008	.07139	.00026	-.00034	-.01058	.00069	.00988
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00371	-.00405	-.00261	.00207	-.00129	-.0020	.00014	F 1.8852
Stddev	.00192	.00171	.00046	.00113	.00098	.0019	.00005	.2498
%RSD	51.773	42.291	17.646	54.838	76.039	95.63	32.459	13.253
#1	.00469	-.00232	-.00279	.00155	-.00187	-.0001	.00014	2.1702
#2	.00150	-.00409	-.00295	.00337	-.00016	-.0039	.00019	1.7808
#3	.00495	-.00574	-.00209	.00128	-.00185	-.0019	.00009	1.7044

Sample Name: CCB11 Acquired: 5/31/2019 22:01:33 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .67535
Stddev	.04815
%RSD	7.1302

#1	.70694
#2	.69918
#3	.61993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.2	50785.	4317.8	43.075	4167.8
Stddev	20.6	24.	27.8	.533	36.2
%RSD	.52884	.04731	.64367	1.2373	.86852

#1	3871.3	50765.	4316.7	43.605	4127.5
#2	3892.8	50780.	4346.1	42.539	4178.2
#3	3912.5	50812.	4290.5	43.082	4197.7

Sample Name: K3105-04 Acquired: 5/31/2019 22:06:03 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: APPLE-TRACK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00106	.00362	.00324	-.00051	.07109	.20237	.00104
Stddev	.00210	.00138	.00132	.00175	.00028	.00723	.00065	.00008
%RSD	120.15	130.62	36.370	54.166	54.324	10.173	.32205	7.5901

#1	-.00353	-.00114	.00333	.00252	-.00029	.06731	.20311	.00112
#2	.00056	.00036	.00247	.00195	-.00082	.06654	.20190	.00096
#3	-.00227	-.00240	.00506	.00523	-.00042	.07943	.20210	.00104

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	47.304	-.00383	.00185	.00318	33.102	.72867	1.7774
Stddev	.00002	.239	.00043	.00003	.00026	.032	.00193	.0691
%RSD	1.4489	.50629	11.105	1.4722	8.2068	.09793	.26511	3.8864

#1	-.00154	47.061	-.00426	.00183	.00298	33.083	.72821	1.7090
#2	-.00154	47.312	-.00341	.00184	.00309	33.083	.72701	1.7760
#3	-.00158	47.540	-.00382	.00188	.00348	33.139	.73079	1.8471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00289	276.82	.00055	.16825	.96816	-.00023	.02975
Stddev	.00014	.00059	3.27	.00036	.00042	.01558	.00006	.01765
%RSD	17.730	20.287	1.1795	65.389	.24931	1.6088	27.054	59.323

#1	.00087	-.00225	274.07	.00016	.16783	.97135	-.00026	.01817
#2	.00088	-.00300	275.97	.00064	.16826	.98189	-.00016	.02102
#3	.00063	-.00341	280.43	.00087	.16867	.95123	-.00028	.05006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6632	.75166	-.00097	.00368	.00606	1.154	.25539	2.8731
Stddev	.0048	.00513	.00033	.00094	.00149	.001	.00277	.1914
%RSD	.28661	.68308	34.311	25.681	24.499	.0748	1.0832	6.6617

#1	1.6589	.75036	-.00107	.00404	.00548	1.154	.25231	2.6979
#2	1.6624	.74730	-.00125	.00439	.00496	1.153	.25620	3.0774
#3	1.6683	.75732	-.00060	.00261	.00775	1.155	.25766	2.8439

Sample Name: K3105-04 Acquired: 5/31/2019 22:06:03 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: APPLE-TRACK Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.210
 Stddev .794
 %RSD 7.7797

#1 11.109
 #2 9.6039
 #3 9.9158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3555.9	46080.	4199.5	40.388	3569.3
Stddev	2.1	161.	18.7	.955	2.3
%RSD	.06042	.34879	.44594	2.3654	.06530

#1	3553.6	46070.	4221.0	40.347	3571.6
#2	3557.9	46245.	4190.9	39.454	3569.2
#3	3556.2	45924.	4186.7	41.363	3567.0

Sample Name: K3105-06 Acquired: 5/31/2019 22:10:36 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	-.00126	.37805	.00127	.03424	.04387	.26058	.00002
Stddev	.00322	.00202	.00292	.00260	.00068	.01608	.00113	.00007
%RSD	78.621	160.75	.77250	203.94	2.0004	36.659	.43224	311.50

#1	.00757	-.00326	.38136	.00067	.03358	.03658	.26087	.00009
#2	.00124	.00078	.37696	-.00097	.03420	.06230	.25934	-.00006
#3	.00346	-.00130	.37583	.00412	.03495	.03272	.26154	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	59.502	-.00042	.00553	.03388	.01049	.46609	4.5631
Stddev	.00003	.538	.00018	.00013	.00047	.00025	.00073	.0461
%RSD	.93828	.90406	42.505	2.3946	1.3812	2.3701	.15561	1.0113

#1	.00357	58.881	-.00030	.00567	.03364	.01022	.46691	4.5194
#2	.00363	59.814	-.00034	.00551	.03442	.01055	.46584	4.6114
#3	.00356	59.811	-.00063	.00541	.03358	.01071	.46553	4.5586

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00889	-.00039	256.33	-.00061	.48090	.92796	.00003	.01549
Stddev	.00014	.00043	2.76	.00007	.00047	.02145	.00014	.02195
%RSD	1.5688	109.03	1.0785	11.905	.09718	2.3111	454.11	141.72

#1	.00901	-.00041	254.85	-.00065	.48125	.91752	-.00010	-.00500
#2	.00874	-.00080	259.52	-.00066	.48109	.91372	.00018	.01281
#3	.00893	.00005	254.62	-.00053	.48037	.95262	.00002	.03865

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42402	.83272	-.00208	-.00110	.00285	.0123	.21786	3.0262
Stddev	.00087	.00579	.00075	.00031	.00123	.0008	.00208	.1277
%RSD	.20504	.69567	36.007	28.087	43.074	6.715	.95281	4.2182

#1	.42336	.82632	-.00287	-.00098	.00179	.0115	.21547	2.8792
#2	.42501	.83760	-.00199	-.00086	.00419	.0122	.21921	3.1083
#3	.42370	.83426	-.00138	-.00144	.00256	.0132	.21890	3.0912

Sample Name: K3105-06 Acquired: 5/31/2019 22:10:36 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRIANGLE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.78491
Stddev	.34442
%RSD	43.880

#1	.38973
#2	.94378
#3	1.0212

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.5	45575.	4150.6	39.615	3557.9
Stddev	4.7	152.	20.7	1.054	4.1
%RSD	.13351	.33305	.49758	2.6598	.11452

#1	3553.9	45547.	4174.5	40.344	3555.4
#2	3546.6	45739.	4138.5	40.095	3555.7
#3	3545.0	45439.	4138.9	38.407	3562.6

Sample Name: K3105-08 Acquired: 5/31/2019 22:15:08 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 8-9-TRACK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	-.00353	.53766	-.00095	-.00251	.07925	.10439	.00002
Stddev	.00200	.00078	.00293	.00132	.00081	.00307	.00060	.00005
%RSD	46.309	22.241	.54406	138.47	32.417	3.8696	.57482	253.02

#1	-.00234	-.00388	.53587	-.00149	-.00199	.07641	.10395	.00007
#2	-.00634	-.00408	.53609	.00055	-.00210	.08250	.10507	-.00003
#3	-.00430	-.00263	.54104	-.00191	-.00345	.07884	.10414	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	66.289	-.00092	.00839	.03708	.23065	.47451	2.3934
Stddev	.00007	.376	.00038	.00012	.00014	.00094	.00070	.0164
%RSD	2.5955	.56784	41.354	1.4007	.38909	.40766	.14754	.68715

#1	.00258	65.955	-.00136	.00826	.03717	.23047	.47465	2.4014
#2	.00263	66.697	-.00065	.00844	.03716	.22982	.47512	2.3745
#3	.00249	66.215	-.00075	.00848	.03691	.23167	.47374	2.4044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01706	-.00059	262.91	-.00094	1.4982	.93133	-.00032	.02220
Stddev	.00047	.00025	1.67	.00026	.0038	.00800	.00009	.01519
%RSD	2.7813	43.207	.63403	27.998	.25453	.85926	29.636	68.437

#1	.01752	-.00048	261.15	-.00065	1.4938	.93686	-.00042	.02235
#2	.01658	-.00040	263.11	-.00116	1.5009	.92216	-.00029	.03731
#3	.01709	-.00088	264.47	-.00102	1.4997	.93498	-.00024	.00693

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4269	.53316	-.00556	-.00007	.00707	.0024	.32057	3.3492
Stddev	.0178	.00887	.00082	.00063	.00066	.0023	.00144	.1139
%RSD	.18898	1.6646	14.808	907.40	9.2602	97.62	.44975	3.4018

#1	9.4145	.53104	-.00651	-.00072	.00697	.0020	.31968	3.3265
#2	9.4187	.52553	-.00513	.00055	.00648	.0049	.32223	3.4728
#3	9.4473	.54290	-.00504	-.00004	.00777	.0003	.31978	3.2483

Sample Name: K3105-08 Acquired: 5/31/2019 22:15:08 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 8-9-TRACK Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0299
 Stddev .4320
 %RSD 41.950

#1 .53230
 #2 1.3098
 #3 1.2476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.7	45843.	4146.5	40.025	3564.1
Stddev	6.8	227.	4.4	1.277	5.2
%RSD	.19339	.49599	.10514	3.1892	.14580

#1	3525.2	45587.	4148.3	40.440	3569.6
#2	3519.1	45924.	4141.6	41.043	3559.2
#3	3532.7	46019.	4149.7	38.593	3563.4

Sample Name: K3105-10 Acquired: 5/31/2019 22:19:37 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 66-67-TRACK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00259	.01576	.00008	-.00073	.14492	.13496	.00026
Stddev	.00123	.00027	.00032	.00341	.00057	.00763	.00038	.00004
%RSD	68.365	10.399	2.0252	4309.9	78.140	5.2660	.28161	16.990

#1	-.00197	-.00290	.01576	.00003	-.00022	.13990	.13496	.00022
#2	-.00295	-.00240	.01544	.00351	-.00135	.15370	.13459	.00031
#3	-.00050	-.00247	.01608	-.00330	-.00063	.14116	.13535	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	3.2749	-.00055	.01068	.01744	.76643	1.0985	1.3350
Stddev	.00008	.0060	.00027	.00013	.00049	.00279	.0024	.0238
%RSD	31.390	.18467	48.362	1.1947	2.8153	.36455	.21653	1.7846

#1	.00017	3.2683	-.00041	.01074	.01801	.76436	1.0977	1.3625
#2	.00029	3.2802	-.00039	.01076	.01717	.76533	1.0967	1.3210
#3	.00033	3.2761	-.00086	.01053	.01715	.76961	1.1012	1.3214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03935	-.00029	261.25	-.00241	.04592	.88526	-.00014	.01304
Stddev	.00008	.00043	.64	.00013	.00023	.01879	.00021	.01345
%RSD	.20202	147.64	.24678	5.5137	.50360	2.1229	153.89	103.17

#1	.03944	.00015	260.93	-.00245	.04566	.88248	.00003	.00291
#2	.03932	-.00071	261.99	-.00252	.04599	.90529	-.00038	.00790
#3	.03928	-.00031	260.82	-.00226	.04611	.86801	-.00007	.02830

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57678	.36806	-.00154	.00433	-.00012	.0051	.01501	3.2929
Stddev	.00297	.00305	.00054	.00120	.00084	.0009	.00007	.1453
%RSD	.51573	.82798	35.281	27.705	698.00	18.22	.48426	4.4118

#1	.57493	.36990	-.00172	.00335	-.00066	.0041	.01502	3.3739
#2	.57521	.36974	-.00197	.00396	-.00054	.0058	.01508	3.1252
#3	.58021	.36455	-.00093	.00566	.00085	.0055	.01493	3.3797

Sample Name: K3105-10 Acquired: 5/31/2019 22:19:37 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 66-67-TRACK Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .77379
 Stddev .21573
 %RSD 27.879

#1 .57959
 #2 1.0060
 #3 .73579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.8	46529.	4194.9	40.986	3626.6
Stddev	6.6	107.	6.9	.845	9.6
%RSD	.18261	.22977	.16389	2.0617	.26462

#1	3599.5	46651.	4194.2	40.866	3631.8
#2	3597.5	46454.	4188.4	41.884	3632.5
#3	3587.3	46481.	4202.1	40.207	3615.5

Sample Name: K3124-06 Acquired: 5/31/2019 22:24:13 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.00309	.00183	.00033	-.00252	.07043	.05476	.00003
Stddev	.00175	.00190	.00055	.00031	.00057	.00113	.00096	.00002
%RSD	110.79	61.565	30.029	94.053	22.436	1.6005	1.7490	62.570

#1	.00044	-.00219	.00124	.00065	-.00307	.06926	.05404	.00003
#2	-.00256	-.00180	.00193	.00033	-.00256	.07051	.05585	.00005
#3	-.00262	-.00527	.00232	.00002	-.00194	.07151	.05440	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	2.3547	.00003	.00011	.00174	.01060	.02631	.40565
Stddev	.00006	.0077	.00005	.00018	.00027	.00041	.00040	.02475
%RSD	87.010	.32909	180.29	159.29	15.384	3.9141	1.5358	6.1010

#1	.00014	2.3515	-.00000	.00019	.00165	.01014	.02677	.40414
#2	.00006	2.3490	.00000	.00024	.00153	.01095	.02602	.38169
#3	.00002	2.3635	.00008	-.00009	.00204	.01071	.02614	.43112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00044	276.40	.00030	.01259	.56136	-.00008	.01377
Stddev	.00021	.00027	1.51	.00012	.00017	.01613	.00018	.01325
%RSD	40.485	60.942	.54631	39.842	1.3508	2.8733	211.50	96.285

#1	.00066	-.00064	276.19	.00039	.01240	.55189	.00009	.00842
#2	.00062	-.00054	275.01	.00017	.01272	.55220	-.00026	.02886
#3	.00028	-.00014	278.01	.00035	.01266	.57998	-.00007	.00402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08122	.25192	-.00138	.00255	-.00058	.0022	.02571	3.3064
Stddev	.00152	.00251	.00064	.00091	.00051	.0011	.00006	.1311
%RSD	1.8751	.99624	45.940	35.733	88.151	51.07	.24801	3.9666

#1	.08243	.25431	-.00065	.00336	-.00041	.0011	.02565	3.2341
#2	.08171	.24931	-.00172	.00157	-.00017	.0021	.02577	3.4578
#3	.07951	.25214	-.00178	.00272	-.00115	.0033	.02570	3.2274

Sample Name: K3124-06 Acquired: 5/31/2019 22:24:13 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .48172
 Stddev .18217
 %RSD 37.816

#1 .35401
 #2 .40083
 #3 .69033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.7	46254.	4194.2	39.334	3609.7
Stddev	31.0	184.	27.3	.916	26.2
%RSD	.86541	.39694	.65014	2.3297	.72479

#1	3623.3	46110.	4208.2	40.314	3638.7
#2	3565.9	46190.	4211.6	39.191	3587.7
#3	3573.9	46461.	4162.7	38.498	3602.8

Sample Name: K3124-10 Acquired: 5/31/2019 22:28:50 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00338	.00229	-.00264	-.00120	.08483	.07309	.00009
Stddev	.00093	.00108	.00131	.00147	.00064	.00620	.00067	.00003
%RSD	96.115	32.067	57.123	55.887	53.506	7.3040	.90984	28.134

#1	-.00084	-.00374	.00350	-.00434	-.00149	.09193	.07238	.00009
#2	-.00011	-.00424	.00248	-.00172	-.00047	.08053	.07321	.00007
#3	-.00197	-.00216	.00090	-.00185	-.00165	.08202	.07369	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	1.0125	-.00011	.00005	.00417	.00305	.02058	.20910
Stddev	.00005	.0158	.00019	.00009	.00019	.00050	.00020	.06756
%RSD	729.09	1.5634	176.34	163.48	4.4858	16.528	.97544	32.311

#1	.00004	.99452	-.00033	-.00004	.00402	.00258	.02081	.22373
#2	.00003	1.0189	.00000	.00007	.00411	.00297	.02046	.13542
#3	-.00005	1.0242	.00000	.00013	.00438	.00358	.02047	.26815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00000	276.42	.00018	.02836	.27086	-.00005	.02520
Stddev	.00014	.00023	1.13	.00016	.00015	.01898	.00011	.00809
%RSD	10.764	4909.3	.40887	86.536	.54167	7.0070	208.70	32.102

#1	.00144	-.00011	275.32	.00002	.02820	.25764	.00004	.01713
#2	.00119	-.00016	277.58	.00034	.02838	.29261	-.00016	.02517
#3	.00122	.00026	276.36	.00020	.02850	.26233	-.00003	.03331

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17868	.13728	-.00273	.00154	-.00109	.0017	.00807	2.9482
Stddev	.00304	.00285	.00086	.00183	.00140	.0016	.00004	.1135
%RSD	1.6996	2.0744	31.463	118.89	128.31	95.24	.52745	3.8489

#1	.17521	.14044	-.00193	.00002	-.00265	-.0001	.00803	2.8175
#2	.17998	.13647	-.00364	.00357	.00009	.0031	.00808	3.0052
#3	.18085	.13492	-.00262	.00102	-.00073	.0022	.00811	3.0219

Sample Name: K3124-10 Acquired: 5/31/2019 22:28:50 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.33707
Stddev	.05116
%RSD	15.179

#1	.33846
#2	.38752
#3	.28522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.2	46830.	4214.3	39.505	3631.3
Stddev	16.5	44.	11.8	.502	17.7
%RSD	.45600	.09485	.27947	1.2695	.48749

#1	3623.2	46780.	4204.6	39.059	3648.6
#2	3615.7	46865.	4227.4	39.407	3632.1
#3	3591.7	46844.	4210.9	40.048	3613.2

Sample Name: K3104-02 Acquired: 5/31/2019 22:33:29 Type: Unk
Method: P4-ICP2(v3161) 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	-.00178	-.00134	-.00037	-.00155	-.00039	1.0320	.06009	.00009
Stddev	.00071	.00141	.00035	.00089	.00132	.0300	.00086	.00002
%RSD	39.567	105.18	94.056	57.149	335.55	2.9045	1.4358	26.695

#1	-.00103	-.00088	-.00076	-.00233	-.00183	1.0039	.05956	.00009
#2	-.00243	-.00293	-.00009	-.00173	.00078	1.0635	.06108	.00006
#3	-.00188	-.00022	-.00025	-.00059	-.00013	1.0286	.05962	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	2.8094	.00022	.00026	.00158	.67995	.00692	.49246
Stddev	.00004	.0023	.00010	.00008	.00009	.00600	.00005	.01408
%RSD	2178.0	.08117	45.802	29.866	5.8610	.88199	.68848	2.8599

#1	.00001	2.8072	.00028	.00026	.00163	.68655	.00694	.47916
#2	-.00005	2.8091	.00010	.00034	.00163	.67847	.00687	.50721
#3	.00003	2.8118	.00028	.00018	.00147	.67483	.00695	.49101

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00052	3.0660	.00293	.02264	.47184	.00409	.01700
Stddev	.00011	.00023	.0298	.00016	.00015	.01814	.00010	.01679
%RSD	11.929	44.141	.97090	5.4380	.66891	3.8452	2.4091	98.722

#1	.00090	-.00048	3.0361	.00306	.02250	.46703	.00421	.03181
#2	.00082	-.00031	3.0956	.00275	.02263	.49191	.00404	-.00123
#3	.00103	-.00076	3.0664	.00297	.02280	.45659	.00404	.02044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97443	1.7956	-.00399	.02860	-.00218	.0116	.03982	1.1521
Stddev	.00387	.0396	.00047	.00185	.00191	.0007	.00011	.4362
%RSD	.39754	2.2072	11.701	6.4621	87.572	6.138	.26557	37.858

#1	.96997	1.8409	-.00347	.02698	-.00408	.0115	.03971	.73107
#2	.97629	1.7676	-.00435	.03061	-.00218	.0110	.03984	1.6020
#3	.97701	1.7782	-.00416	.02819	-.00027	.0124	.03992	1.1233

Sample Name: K3104-02 Acquired: 5/31/2019 22:33:29 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .08313
Stddev .37009
%RSD 445.17

#1 -.17220
#2 .50757
#3 -.08596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.8	50825.	4300.8	41.809	4143.3
Stddev	9.7	149.	46.7	.680	15.4
%RSD	.25135	.29336	1.0864	1.6276	.37283

#1	3858.2	50709.	4246.9	41.568	4161.2
#2	3877.3	50772.	4328.4	41.282	4134.5
#3	3864.7	50993.	4327.1	42.577	4134.3

Sample Name: K3104-02DUP Acquired: 5/31/2019 22:37:55 Type: Unk
Method: P4-ICP2(v3161) 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	-.00105	-.00202	-.00011	-.00233	-.00137	1.0756	.06202	.00006
Stddev	.00110	.00125	.00044	.00065	.00068	.0094	.00065	.00004
%RSD	105.33	62.184	386.80	27.709	49.711	.87386	1.0499	69.792

#1	-.00072	-.00069	-.00022	-.00256	-.00141	1.0689	.06159	.00004
#2	-.00015	-.00318	-.00049	-.00160	-.00203	1.0863	.06277	.00004
#3	-.00227	-.00217	.00037	-.00283	-.00067	1.0716	.06170	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	2.8642	.00034	.00033	.00143	.69856	.00705	.53819
Stddev	.00003	.0141	.00010	.00010	.00023	.00737	.00007	.04002
%RSD	63.520	.49267	29.753	30.989	16.284	1.0552	1.0514	7.4360

#1	-.00004	2.8491	.00035	.00030	.00169	.69451	.00706	.49226
#2	-.00007	2.8664	.00043	.00045	.00126	.70707	.00712	.55675
#3	-.00002	2.8771	.00023	.00025	.00133	.69410	.00697	.56556

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00071	3.0694	.00316	.02314	.50952	.00419	.01828
Stddev	.00009	.00028	.0241	.00025	.00014	.02134	.00011	.00224
%RSD	11.028	38.861	.78459	7.9107	.58623	4.1875	2.6373	12.239

#1	.00075	-.00086	3.0426	.00321	.02305	.48877	.00429	.02078
#2	.00075	-.00039	3.0765	.00338	.02308	.53139	.00407	.01646
#3	.00090	-.00089	3.0892	.00289	.02330	.50839	.00421	.01761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0084	1.8578	-.00398	.03178	-.00240	.0118	.04080	1.5670
Stddev	.0069	.0192	.00032	.00209	.00093	.0010	.00029	.2461
%RSD	.68092	1.0313	7.9959	6.5675	38.731	8.246	.70375	15.705

#1	1.0087	1.8694	-.00373	.02938	-.00234	.0118	.04055	1.3959
#2	1.0014	1.8683	-.00434	.03317	-.00335	.0108	.04075	1.4560
#3	1.0152	1.8357	-.00386	.03278	-.00150	.0128	.04111	1.8491

Sample Name: K3104-02DUP Acquired: 5/31/2019 22:37:55 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .41722
Stddev .17758
%RSD 42.562

#1 .21229
#2 .52581
#3 .51355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.2	51119.	4343.4	41.651	4131.5
Stddev	4.5	96.	23.3	1.197	17.2
%RSD	.11740	.18824	.53610	2.8737	.41671

#1	3859.0	51157.	4317.9	40.282	4119.9
#2	3868.0	51010.	4348.6	42.500	4151.3
#3	3862.5	51191.	4363.6	42.170	4123.4

Sample Name: K3104-02LX5 Acquired: 5/31/2019 22:42:22 Type: Unk
Method: P4-ICP2(v3161) 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	.00077	.00036	-.00093	-.00193	-.00207	.21254	.01269	.00008
Stddev	.00071	.00049	.00037	.00131	.00100	.00438	.00054	.00004
%RSD	91.967	136.69	40.021	67.588	48.240	2.0604	4.2861	43.055

#1	.00002	.00092	-.00115	-.00301	-.00155	.21250	.01210	.00005
#2	.00143	.00007	-.00113	-.00231	-.00322	.20818	.01317	.00012
#3	.00086	.00008	-.00050	-.00048	-.00144	.21694	.01279	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.56642	-.00041	.00016	-.00025	.12101	.00139	.18881
Stddev	.00005	.00834	.00011	.00019	.00011	.00055	.00002	.04477
%RSD	828.05	1.4718	27.257	119.96	43.671	.45643	1.6663	23.710

#1	-.00005	.57211	-.00032	.00036	-.00016	.12107	.00142	.21450
#2	.00004	.57030	-.00037	.00000	-.00022	.12043	.00139	.13711
#3	-.00000	.55685	-.00053	.00010	-.00037	.12153	.00137	.21480

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00077	.62700	.00077	.00447	.10392	.00071	.00745
Stddev	.00013	.00015	.00727	.00028	.00011	.02092	.00010	.00280
%RSD	31.045	19.145	1.1603	35.694	2.4348	20.131	14.567	37.574

#1	.00028	-.00060	.61860	.00080	.00452	.09861	.00063	.00422
#2	.00043	-.00088	.63135	.00048	.00434	.12699	.00082	.00905
#3	.00054	-.00082	.63105	.00103	.00454	.08617	.00067	.00908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20946	.37409	-.00367	.00808	-.00250	.0009	.00818	1.6836
Stddev	.00304	.00476	.00088	.00206	.00118	.0013	.00005	.0470
%RSD	1.4492	1.2721	23.907	25.448	47.312	141.7	.59225	2.7902

#1	.20805	.37538	-.00275	.00618	-.00148	.0022	.00818	1.6892
#2	.20740	.36882	-.00376	.00779	-.00222	-.0003	.00823	1.7276
#3	.21295	.37807	-.00450	.01027	-.00380	.0008	.00813	1.6341

Sample Name: K3104-02LX5 Acquired: 5/31/2019 22:42:22 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .44746
 Stddev .29613
 %RSD 66.180

#1 .71270
 #2 .12795
 #3 .50174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.3	51190.	4323.6	42.895	4141.0
Stddev	23.0	129.	39.6	2.370	21.2
%RSD	.59232	.25173	.91664	5.5241	.51254

#1	3856.9	51044.	4277.9	42.086	4124.6
#2	3902.8	51288.	4348.2	41.036	4165.0
#3	3878.1	51238.	4344.8	45.564	4133.4

Sample Name: K3104-02MS Acquired: 5/31/2019 22:46:53 Type: Unk
Method: P4-ICP2(v3161) 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	.74709	1.8972	.95263	1.9219	.75396	3.1636	.26949	.19222
Stddev	.00337	.0035	.00240	.0068	.00288	.0186	.00328	.00052
%RSD	.45071	.18346	.25230	.35491	.38262	.58642	1.2188	.27258
#1	.74392	1.9012	.95511	1.9295	.75676	3.1608	.26884	.19163
#2	.75062	1.8954	.95246	1.9201	.75414	3.1466	.26657	.19244
#3	.74674	1.8950	.95031	1.9162	.75099	3.1834	.27305	.19260
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18609	4.5540	.37861	.19850	.31109	3.7874	.21701	2.6211
Stddev	.00053	.0576	.00219	.00082	.00042	.0057	.00053	.0170
%RSD	.28676	1.2657	.57901	.41479	.13356	.15122	.24565	.64714
#1	.18570	4.5068	.37616	.19915	.31146	3.7808	.21643	2.6354
#2	.18669	4.5370	.37927	.19878	.31116	3.7907	.21712	2.6254
#3	.18587	4.6182	.38039	.19758	.31064	3.7907	.21748	2.6023
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48468	.06889	6.3092	.31117	.21428	10.086	.40308	.31649
Stddev	.00085	.00061	.0625	.00034	.00026	.066	.00039	.01286
%RSD	.17447	.87920	.99097	.10920	.11939	.65193	.09609	4.0635
#1	.48532	.06886	6.2474	.31142	.21454	10.021	.40311	.31823
#2	.48372	.06951	6.3079	.31131	.21403	10.084	.40268	.30286
#3	.48500	.06830	6.3724	.31079	.21427	10.153	.40346	.32840
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0673	2.9673	.64058	.23120	.19864	5.598	.23963	2.1978
Stddev	.0056	.0437	.00124	.00260	.00035	.011	.00104	.0582
%RSD	.52668	1.4736	.19424	1.1245	.17527	.1941	.43197	2.6461
#1	1.0690	3.0131	.63917	.23362	.19868	5.609	.24065	2.2003
#2	1.0719	2.9628	.64105	.23152	.19827	5.598	.23965	2.2547
#3	1.0610	2.9260	.64152	.22845	.19897	5.587	.23858	2.1385

Sample Name: K3104-02MS Acquired: 5/31/2019 22:46:53 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.49035
%RSD	345.31

#1	.06394
#2	.21179
#3	-.70175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.5	49710.	4242.3	41.567	3997.1
Stddev	12.1	99.	22.5	.921	13.3
%RSD	.32129	.19866	.53084	2.2158	.33205

#1	3769.4	49780.	4225.1	41.451	3988.1
#2	3769.7	49754.	4234.0	40.709	3990.8
#3	3790.5	49597.	4267.8	42.541	4012.3

Sample Name: CCV12 Acquired: 5/31/2019 22:51:01 Type: Unk
Method: P4-ICP2(v3161) 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	4.9752	4.9013	4.9578	5.0538	5.0145	9.8465	9.9403	.25357
Stddev	.0129	.0079	.0066	.0102	.0079	.1210	.1059	.00038
%RSD	.26006	.16142	.13247	.20255	.15679	1.2283	1.0649	.15159
#1	4.9663	4.8924	4.9654	5.0647	5.0236	9.7134	9.8285	.25333
#2	4.9693	4.9074	4.9540	5.0444	5.0093	9.9496	10.039	.25336
#3	4.9901	4.9042	4.9540	5.0524	5.0107	9.8766	9.9536	.25401
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4773	24.673	.97859	2.4888	1.2483	4.8688	2.5363	25.099
Stddev	.0045	.163	.00122	.0029	.0043	.0057	.0015	.433
%RSD	.18036	.66245	.12448	.11739	.34524	.11740	.05920	1.7263
#1	2.4796	24.529	.97960	2.4915	1.2492	4.8752	2.5380	24.637
#2	2.4801	24.851	.97893	2.4893	1.2436	4.8671	2.5356	25.497
#3	2.4721	24.639	.97723	2.4857	1.2521	4.8642	2.5351	25.161
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4659	1.2384	24.826	2.4849	2.4884	24.162	4.9845	4.8450
Stddev	.0023	.0011	.075	.0057	.0029	.099	.0053	.0249
%RSD	.09245	.08691	.30337	.23144	.11683	.40988	.10663	.51330
#1	2.4676	1.2378	24.778	2.4813	2.4900	24.059	4.9794	4.8242
#2	2.4669	1.2378	24.913	2.4818	2.4901	24.256	4.9840	4.8725
#3	2.4633	1.2396	24.788	2.4915	2.4850	24.171	4.9900	4.8382
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0413	4.7670	4.8794	4.9034	4.7781	5.224	4.9513	F 2.6360
Stddev	.0158	.0294	.0058	.0267	.0152	.004	.0103	.0620
%RSD	.31342	.61639	.11947	.54522	.31863	.0759	.20835	2.3521
#1	5.0240	4.7954	4.8818	4.8826	4.7893	5.222	4.9631	2.6502
#2	5.0549	4.7367	4.8837	4.9336	4.7607	5.229	4.9465	2.5682
#3	5.0450	4.7690	4.8728	4.8941	4.7841	5.221	4.9441	2.6897

Sample Name: CCV12 Acquired: 5/31/2019 22:51:01 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.4027
 Stddev .2028
 %RSD 8.4402

#1 2.4096
 #2 2.6020
 #3 2.1966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.5	47899.	4229.9	38.794	3670.4
Stddev	4.0	79.	25.9	.429	3.7
%RSD	.10944	.16545	.61148	1.1065	.09950

#1	3699.3	47893.	4200.4	38.695	3670.9
#2	3702.0	47824.	4248.8	39.264	3666.6
#3	3694.1	47982.	4240.5	38.423	3673.9

Sample Name: CCB12 Acquired: 5/31/2019 22:55:08 Type: Unk
Method: P4-ICP2(v3161) 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	-.00092	.00010	-.00097	-.00168	-.00152	-.00338	.00071	.00003
Stddev	.00120	.00121	.00047	.00169	.00039	.01109	.00031	.00008
%RSD	129.81	1232.3	48.938	100.24	25.737	327.98	43.314	244.72
#1	.00046	.00102	-.00063	-.00153	-.00116	.00203	.00078	-.00006
#2	-.00164	.00055	-.00076	-.00008	-.00147	-.01614	.00038	.00007
#3	-.00159	-.00127	-.00151	-.00344	-.00194	.00396	.00098	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00791	-.00070	.00004	-.00066	-.00116	-.00000	.10623
Stddev	.00008	.00845	.00044	.00014	.00018	.00042	.00004	.05115
%RSD	83.822	106.84	63.132	407.46	27.846	36.572	1446.3	48.149
#1	.00015	-.01761	-.00072	-.00008	-.00051	-.00079	.00002	.08400
#2	.00014	-.00392	-.00025	-.00001	-.00086	-.00108	.00002	.06995
#3	.00000	-.00219	-.00113	.00019	-.00061	-.00162	-.00005	.16472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00047	-.01086	.00026	-.00038	-.02683	.00043	-.00296
Stddev	.00030	.00023	.00609	.00015	.00006	.01623	.00013	.00609
%RSD	1908.0	49.406	56.058	57.070	16.835	60.500	31.101	206.04
#1	-.00003	-.00067	-.01487	.00010	-.00037	-.00827	.00054	.00339
#2	.00033	-.00022	-.01386	.00039	-.00045	-.03383	.00047	-.00351
#3	-.00026	-.00051	-.00386	.00030	-.00033	-.03840	.00028	-.00875
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	-.00330	-.00263	.00125	-.00249	-.0009	.00010	F 1.0538
Stddev	.00333	.00057	.00051	.00118	.00069	.0006	.00008	.1160
%RSD	152.68	17.229	19.233	94.293	27.647	61.43	82.571	11.007
#1	-.00329	-.00342	-.00218	.00051	-.00323	-.0011	.00019	1.1729
#2	.00156	-.00268	-.00318	.00260	-.00238	-.0003	.00003	.94118
#3	-.00482	-.00379	-.00254	.00063	-.00186	-.0014	.00008	1.0474

Sample Name: CCB12 Acquired: 5/31/2019 22:55:08 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .01080
Stddev	.11448
%RSD	1059.8

#1	.07153
#2	-.12125
#3	.08213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.5	50258.	4233.5	41.961	4140.5
Stddev	14.5	97.	20.1	1.050	21.7
%RSD	.37470	.19253	.47508	2.5013	.52310

#1	3850.9	50348.	4226.2	42.448	4124.5
#2	3874.2	50271.	4218.1	42.680	4165.1
#3	3877.4	50156.	4256.3	40.757	4131.9

Sample Name: K3104-02MSD Acquired: 5/31/2019 22:59:38 Type: Unk
Method: P4-ICP2(v3161) 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	.74325	1.8744	.94341	1.8940	.74783	3.1543	.26675	.18861
Stddev	.00122	.0102	.00224	.0148	.00456	.0505	.00370	.00051
%RSD	.16383	.54572	.23758	.78206	.60927	1.5998	1.3880	.26886
#1	.74320	1.8663	.94134	1.8946	.74392	3.1004	.26305	.18880
#2	.74449	1.8859	.94579	1.9086	.75284	3.1620	.26674	.18803
#3	.74206	1.8710	.94309	1.8790	.74674	3.2004	.27045	.18899
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18465	4.5194	.37764	.19600	.31047	3.7500	.21378	2.6156
Stddev	.00051	.0133	.00077	.00084	.00276	.0082	.00069	.0875
%RSD	.27406	.29468	.20258	.42795	.89014	.21880	.32393	3.3440
#1	.18411	4.5132	.37678	.19549	.30868	3.7536	.21393	2.5529
#2	.18512	4.5103	.37823	.19697	.31366	3.7407	.21303	2.7155
#3	.18472	4.5347	.37791	.19554	.30908	3.7559	.21439	2.5784
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48324	.06902	6.1558	.30995	.21234	10.163	.40443	.31235
Stddev	.00243	.00007	.0517	.00106	.00078	.124	.00182	.01254
%RSD	.50354	.09987	.83938	.34086	.36741	1.2163	.45090	4.0150
#1	.48131	.06907	6.1143	.31100	.21150	10.043	.40329	.29978
#2	.48597	.06894	6.2137	.30998	.21303	10.158	.40653	.32486
#3	.48242	.06904	6.1395	.30889	.21250	10.290	.40346	.31240
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0461	3.0081	.63905	.22745	.20245	5.527	.23828	1.5665
Stddev	.0063	.0245	.00225	.00359	.00200	.029	.00169	.1009
%RSD	.59927	.81628	.35227	1.5763	.98756	.5233	.71117	6.4390
#1	1.0414	3.0361	.63721	.23159	.20131	5.512	.24016	1.5742
#2	1.0532	2.9976	.64156	.22547	.20128	5.560	.23686	1.6634
#3	1.0438	2.9905	.63838	.22530	.20476	5.508	.23783	1.4621

Sample Name: K3104-02MSD Acquired: 5/31/2019 22:59:38 Type: Unk
Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .08820
%RSD 18.410

#1 -.37945
#2 -.51074
#3 -.54714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.0	49213.	4144.1	39.826	3978.2
Stddev	25.1	126.	48.9	.359	17.8
%RSD	.67014	.25542	1.1799	.90232	.44850

#1	3749.6	49142.	4088.6	40.191	3983.1
#2	3712.8	49139.	4163.0	39.816	3958.4
#3	3760.6	49358.	4180.8	39.472	3993.1

Sample Name: K3104-02A Acquired: 5/31/2019 23:03:46 Type: Unk
Method: P4-ICP2(v3161) 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	.73663	1.8734	.94500	1.8753	.74362	3.1382	.26462	.18904
Stddev	.00178	.0144	.00487	.0030	.00214	.0222	.00146	.00081
%RSD	.24170	.77029	.51488	.16026	.28756	.70604	.55215	.42737

#1	.73813	1.8594	.94073	1.8736	.74525	3.1128	.26303	.18838
#2	.73710	1.8883	.95030	1.8736	.74440	3.1536	.26591	.18879
#3	.73466	1.8726	.94397	1.8788	.74120	3.1482	.26490	.18994

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18467	4.5220	.37593	.19643	.30843	3.7496	.21464	2.5138
Stddev	.00076	.0478	.00089	.00089	.00032	.0103	.00036	.0444
%RSD	.41148	1.0582	.23680	.45424	.10450	.27511	.16688	1.7662

#1	.18543	4.4725	.37673	.19641	.30806	3.7589	.21439	2.5626
#2	.18469	4.5256	.37609	.19733	.30860	3.7385	.21449	2.4759
#3	.18391	4.5680	.37497	.19555	.30864	3.7514	.21505	2.5027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48144	.06830	6.1739	.30937	.21175	10.009	.40075	.31317
Stddev	.00179	.00047	.0393	.00114	.00089	.068	.00042	.01856
%RSD	.37194	.68393	.63660	.36931	.41845	.67805	.10526	5.9251

#1	.47989	.06822	6.1298	.30881	.21153	9.9307	.40121	.29176
#2	.48340	.06787	6.1867	.30862	.21272	10.047	.40068	.32454
#3	.48102	.06880	6.2052	.31069	.21099	10.049	.40037	.32321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0456	3.0087	.63902	.23000	.20125	5.514	.23891	1.9967
Stddev	.0137	.0107	.00417	.00263	.00200	.017	.00074	.1629
%RSD	1.3116	.35694	.65243	1.1438	.99488	.3114	.31147	8.1593

#1	1.0363	3.0082	.63879	.22758	.20033	5.512	.23810	2.1832
#2	1.0614	3.0197	.64330	.23280	.20355	5.533	.23956	1.9249
#3	1.0392	2.9982	.63497	.22962	.19988	5.499	.23906	1.8820

Sample Name: K3104-02A Acquired: 5/31/2019 23:03:46 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.37960
%RSD	117.40

#1	-.60254
#2	-.47634
#3	.10890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3772.2	49513.	4154.0	40.266	3990.4
Stddev	6.4	126.	11.9	1.689	20.3
%RSD	.16838	.25478	.28588	4.1952	.50934

#1	3770.2	49524.	4145.5	39.111	3998.3
#2	3767.0	49382.	4149.0	39.482	3967.3
#3	3779.3	49634.	4167.6	42.205	4005.5

Sample Name: K3104-05 Acquired: 5/31/2019 23:07:54 Type: Unk
Method: P4-ICP2(v3161) 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	-.00138	-.00093	-.00121	-.00025	-.00196	.22805	.04780	-.00008
Stddev	.00154	.00075	.00072	.00165	.00010	.00942	.00167	.00004
%RSD	111.64	80.501	59.828	649.02	5.2541	4.1314	3.4854	52.069

#1	-.00315	-.00007	-.00176	.00163	-.00186	.22116	.04636	-.00012
#2	-.00069	-.00138	-.00039	-.00145	-.00207	.22420	.04963	-.00008
#3	-.00030	-.00136	-.00147	-.00094	-.00196	.23878	.04742	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.1983	.00009	.00004	.00036	.18724	.00179	.45734
Stddev	.00002	.0136	.00009	.00014	.00007	.00169	.00007	.04949
%RSD	78.610	.42525	99.520	353.93	20.468	.90104	3.9851	10.821

#1	-.00002	3.1832	.00010	-.00012	.00036	.18727	.00186	.40434
#2	-.00006	3.2094	-.00000	.00009	.00043	.18553	.00172	.46534
#3	-.00001	3.2024	.00018	.00014	.00028	.18891	.00179	.50235

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00055	3.5331	.00175	.01005	.44078	.00423	.02184
Stddev	.00016	.00014	.0426	.00005	.00010	.01062	.00034	.01504
%RSD	28.080	26.482	1.2048	2.5965	.96296	2.4098	8.0235	68.858

#1	.00059	-.00058	3.4900	.00173	.01016	.42927	.00460	.01173
#2	.00070	-.00039	3.5751	.00181	.00998	.45020	.00393	.03912
#3	.00039	-.00068	3.5342	.00173	.01001	.44287	.00417	.01466

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0209	.91254	-.00396	.01063	-.00138	.0038	.05700	1.4642
Stddev	.0106	.01125	.00081	.00149	.00163	.0024	.00018	.0804
%RSD	1.0384	1.2323	20.353	14.059	118.14	61.74	.30779	5.4942

#1	1.0281	.92501	-.00420	.01069	-.00308	.0053	.05686	1.3916
#2	1.0087	.90316	-.00461	.01209	-.00126	.0051	.05720	1.4502
#3	1.0258	.90945	-.00306	.00910	.00018	.0011	.05695	1.5507

Sample Name: K3104-05 Acquired: 5/31/2019 23:07:54 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .26513
 %RSD 230.95

#1 -.13758
 #2 -.36781
 #3 .16099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.6	50021.	4218.1	40.675	4093.6
Stddev	5.9	99.	32.3	1.484	24.1
%RSD	.15569	.19776	.76582	3.6487	.58880

#1	3799.9	49917.	4182.2	39.191	4065.8
#2	3800.5	50034.	4244.9	42.159	4107.6
#3	3810.4	50113.	4227.1	40.675	4107.4

Sample Name: K3104-08 Acquired: 5/31/2019 23:12:22 Type: Unk
Method: P4-ICP2(v3161) 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	.00027	-.00070	-.00034	.00036	-.00105	.40825	.04501	.00001
Stddev	.00245	.00008	.00060	.00280	.00012	.00477	.00095	.00008
%RSD	904.97	11.970	175.92	770.36	10.981	1.1678	2.1181	622.00

#1	-.00085	-.00061	.00030	.00062	-.00093	.41315	.04572	.00011
#2	.00309	-.00077	-.00089	-.00256	-.00116	.40363	.04393	-.00006
#3	-.00142	-.00074	-.00043	.00303	-.00107	.40797	.04539	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	2.9605	.00030	.00018	.00060	.37588	.00301	.45910
Stddev	.00007	.0197	.00013	.00016	.00020	.00197	.00001	.03213
%RSD	241.01	.66598	45.156	85.731	33.125	.52412	.40436	6.9995

#1	.00004	2.9399	.00035	.00030	.00043	.37529	.00300	.49612
#2	-.00010	2.9622	.00014	.00000	.00054	.37427	.00302	.44281
#3	-.00003	2.9793	.00040	.00025	.00082	.37808	.00301	.43837

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00081	3.4563	.00327	.01176	.49004	.00483	.03610
Stddev	.00014	.00028	.0379	.00018	.00011	.01400	.00024	.00243
%RSD	30.230	34.901	1.0959	5.4414	.89968	2.8570	4.9196	6.7227

#1	.00030	-.00114	3.4473	.00345	.01174	.50149	.00457	.03751
#2	.00049	-.00069	3.4238	.00327	.01166	.47443	.00486	.03329
#3	.00056	-.00061	3.4979	.00309	.01187	.49420	.00504	.03749

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0868	1.1362	-.00340	.01881	-.00288	.0055	.05669	1.5442
Stddev	.0097	.0057	.00073	.00123	.00044	.0013	.00016	.2990
%RSD	.88967	.50373	21.350	6.5200	15.109	23.48	.27505	19.366

#1	1.0774	1.1329	-.00343	.02020	-.00339	.0049	.05651	1.8513
#2	1.0864	1.1429	-.00411	.01836	-.00261	.0046	.05678	1.5273
#3	1.0967	1.1330	-.00266	.01787	-.00265	.0070	.05679	1.2539

Sample Name: K3104-08 Acquired: 5/31/2019 23:12:22 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .28827
 Stddev .09474
 %RSD 32.864

#1 .33393
 #2 .35153
 #3 .17935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.9	50113.	4224.7	40.603	4091.9
Stddev	14.9	171.	23.7	.335	14.9
%RSD	.38900	.34059	.56083	.82574	.36303

#1	3804.4	50039.	4231.9	40.800	4108.5
#2	3818.2	50308.	4198.2	40.216	4080.0
#3	3834.1	49991.	4243.9	40.793	4087.2

Sample Name: CCV13 Acquired: 5/31/2019 23:16:49 Type: Unk
Method: P4-ICP2(v3161) 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	4.9315	4.8882	4.9354	4.9913	4.9737	9.6790	9.7554	.25274	2.4626
Stddev	.0101	.0163	.0075	.0079	.0057	.0822	.1328	.00092	.0014
%RSD	.20558	.33336	.15179	.15908	.11563	.84934	1.3611	.36241	.05470
#1	4.9424	4.8697	4.9272	4.9959	4.9803	9.5884	9.6151	.25348	2.4611
#2	4.9298	4.8948	4.9370	4.9959	4.9708	9.6997	9.8791	.25302	2.4629
#3	4.9224	4.9002	4.9419	4.9822	4.9699	9.7488	9.7719	.25171	2.4638
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.783	.97692	2.4809	1.2468	4.8736	2.5370	24.995	2.4560	1.2348
Stddev	.210	.00048	.0036	.0012	.0093	.0047	.474	.0048	.0019
%RSD	.84552	.04958	.14373	.09846	.19054	.18420	1.8972	.19469	.14984
#1	24.544	.97669	2.4770	1.2481	4.8843	2.5424	24.484	2.4561	1.2369
#2	24.938	.97660	2.4820	1.2464	4.8684	2.5346	25.080	2.4512	1.2341
#3	24.866	.97748	2.4838	1.2458	4.8680	2.5340	25.421	2.4608	1.2335
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	24.684	2.4938	2.4756	23.973	4.9724	4.7910	4.9831	4.7841	4.8729
Stddev	.247	.0058	.0027	.185	.0033	.0476	.0069	.0180	.0081
%RSD	1.0024	.23236	.10928	.77044	.06655	.99376	.13739	.37525	.16705
#1	24.540	2.5002	2.4725	23.851	4.9761	4.7367	4.9894	4.8028	4.8660
#2	24.969	2.4888	2.4768	24.186	4.9717	4.8109	4.9841	4.7824	4.8709
#3	24.542	2.4925	2.4775	23.883	4.9696	4.8255	4.9758	4.7671	4.8819
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9059	4.7857	5.184	4.9422	3.1692	2.6358			
Stddev	.0270	.0378	.009	.0410	.2292	.5408			
%RSD	.55016	.79041	.1823	.82946	7.2312	20.518			
#1	4.8788	4.8079	5.174	4.9468	3.4067	3.2589			
#2	4.9328	4.8071	5.185	4.9806	2.9493	2.2877			
#3	4.9061	4.7420	5.193	4.8991	3.1517	2.3608			

Sample Name: CCV13 Acquired: 5/31/2019 23:16:49 Type: Unk
Method: P4-ICP2(v3161) 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	3685.3	47868.	4169.5	39.668	3662.0
Stddev	4.7	181.	32.0	.788	4.7
%RSD	.12717	.37846	.76791	1.9876	.12923
#1	3683.7	47898.	4143.5	40.396	3667.4
#2	3681.7	47673.	4159.7	38.831	3658.5
#3	3690.6	48031.	4205.2	39.778	3660.1

Sample Name: CCB13 Acquired: 5/31/2019 23:20:58 Type: Unk
Method: P4-ICP2(v3161) 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	-.00185	.00041	-.00164	-.00244	-.00137	.00027	.00077	.00009
Stddev	.00226	.00073	.00055	.00157	.00169	.00642	.00029	.00003
%RSD	122.16	177.53	33.551	64.471	123.36	2348.0	37.327	37.763

#1	-.00281	.00067	-.00121	-.00425	-.00157	.00662	.00066	.00006
#2	-.00347	-.00041	-.00145	-.00171	.00041	-.00622	.00056	.00012
#3	.00073	.00097	-.00225	-.00136	-.00296	.00042	.00110	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00645	-.00057	.00006	-.00068	-.00080	.00000	.08216
Stddev	.00003	.01155	.00022	.00012	.00016	.00017	.00006	.03180
%RSD	48.118	179.08	38.795	219.16	23.194	21.390	13312.	38.704

#1	.00005	-.01683	-.00039	.00000	-.00058	-.00089	-.00006	.09878
#2	.00004	-.00852	-.00049	.00020	-.00086	-.00092	.00002	.04550
#3	.00010	.00600	-.00081	-.00003	-.00059	-.00061	.00004	.10221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00015	-.02827	-.00003	-.00004	-.00814	.00040	.00571
Stddev	.00034	.00038	.00601	.00016	.00009	.02821	.00023	.00645
%RSD	456.16	259.55	21.256	582.21	216.59	346.55	58.741	112.99

#1	.00003	-.00058	-.03399	.00002	-.00005	.01742	.00067	.00887
#2	-.00024	.00013	-.02882	-.00020	.00005	-.00344	.00026	.00998
#3	.00043	.00001	-.02201	.00010	-.00012	-.03841	.00027	-.00171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	-.00195	-.00206	.00123	-.00177	-.0030	.00018	1.8040
Stddev	.00479	.00216	.00110	.00306	.00115	.0008	.00003	.0455
%RSD	382.77	110.96	53.670	248.00	65.046	27.75	17.123	2.5225

#1	-.00053	-.00324	-.00120	-.00146	-.00256	-.0025	.00021	1.8336
#2	.00314	.00055	-.00167	.00060	-.00045	-.0026	.00016	1.8268
#3	-.00637	-.00314	-.00330	.00456	-.00230	-.0040	.00016	1.7516

Sample Name: CCB13 Acquired: 5/31/2019 23:20:58 Type: Unk
 Method: P4-ICP2(v3161) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .41081
 Stddev .14688
 %RSD 35.755

#1 .44694
 #2 .24923
 #3 .53625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3869.8	50084.	4216.6	42.128	4124.9
Stddev	7.5	34.	24.2	.325	15.2
%RSD	.19434	.06742	.57438	.77252	.36860

#1	3869.0	50054.	4204.5	42.443	4141.1
#2	3877.7	50121.	4200.8	41.793	4110.9
#3	3862.7	50078.	4244.5	42.148	4122.6