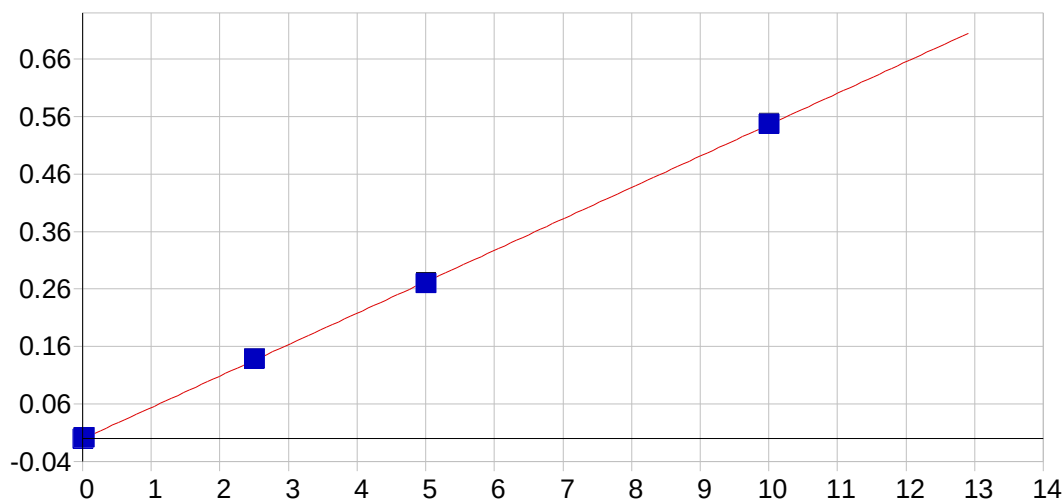




As 189.042 {478}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000574

Re-Slope: 1.000000

A1 (Gain): 0.054638

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

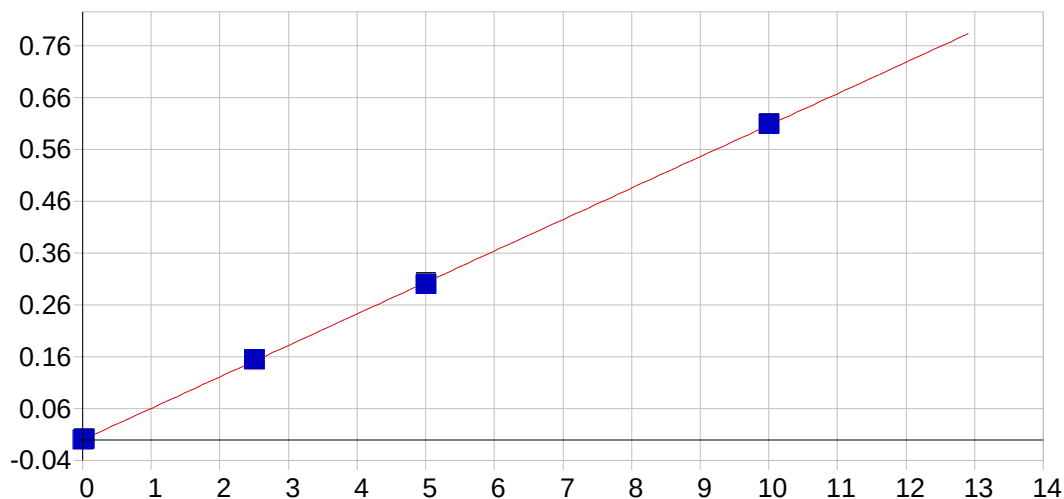
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.002960

Predicted MQL: 0.009866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00057	.000	1
S1	.02000	.02280	.003	14.0	.00067	.000	1
S3	2.5000	2.5331	.033	1.33	.13782	.001	1
S4	5.0000	4.9500	-.050	-1.000	.26987	.001	1
S5	10.000	10.014	.014	.141	.54654	.001	1



As 189.042 {479}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

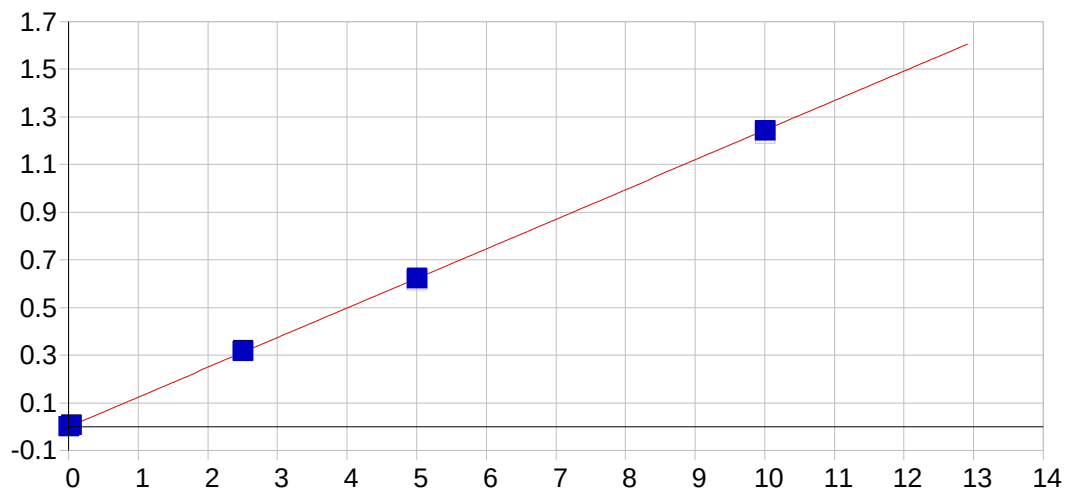
Weighting: 1/Conc

A0 (Offset): -0.000121

Re-Slope: 1.000000

A1 (Gain): 0.060659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002167
 Predicted MQL: 0.007223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02142	.001	7.09	.00118	.000	1
S3	2.5000	2.5363	.036	1.45	.15373	.000	1
S4	5.0000	4.9424	-.058	-1.15	.29969	.002	1
S5	10.000	10.020	.020	.199	.60768	.001	1

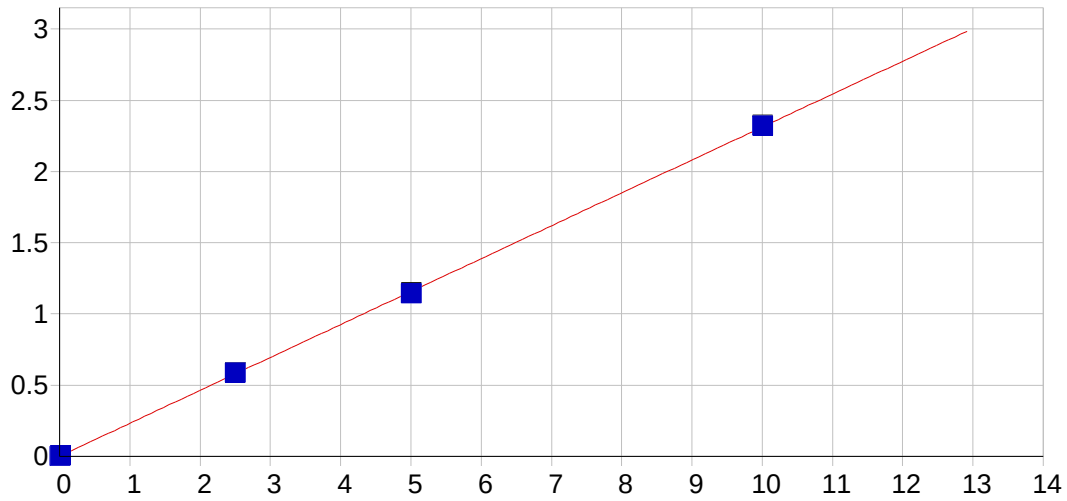


TI 190.856 {477}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.124406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001188
 Predicted MQL: 0.003959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.04000	.04266	.003	6.66	.00516	.000	1
S3	2.5000	2.5535	.053	2.14	.31446	.000	1
S4	5.0000	4.9787	-.021	-.425	.61299	.004	1
S5	10.000	9.9652	-.035	-.348	1.2270	.002	1

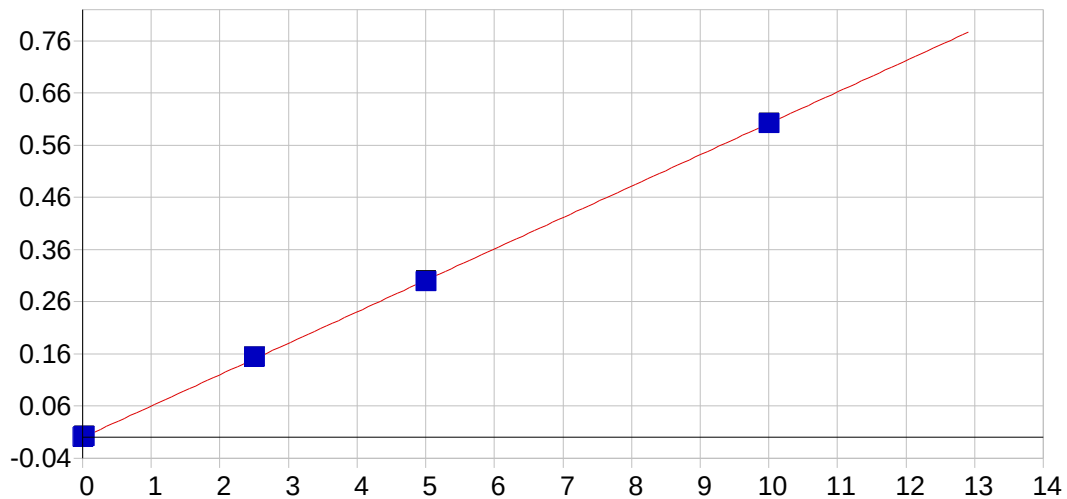


Pb 220.353 {453}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001647 Re-Slope: 1.000000
 A1 (Gain): 0.231066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000951
 Predicted MQL: 0.003169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00165	.000	1
S1	.01200	.01369	.002	14.1	.00476	.000	1
S3	2.5000	2.5274	.027	1.09	.58485	.000	1
S4	5.0000	4.9386	-.061	-1.23	1.1412	.004	1
S5	10.000	10.032	.032	.324	2.3167	.005	1



Se 196.090 {472}

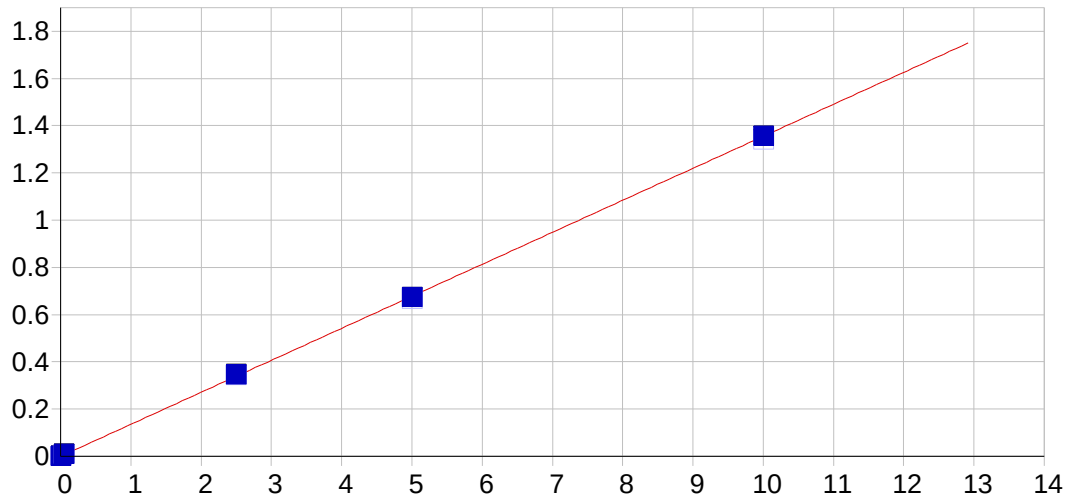
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.060198 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000012
 Predicted MDL: 0.002675
 Predicted MQL: 0.008916

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.01986	-.000	-.677	.00122	.000	1
S3	2.5000	2.5496	.050	1.98	.15347	.000	1
S4	5.0000	4.9616	-.038	-.768	.29863	.001	1
S5	10.000	9.9890	-.011	-.110	.60120	.000	1



Sb 206.833 {463}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

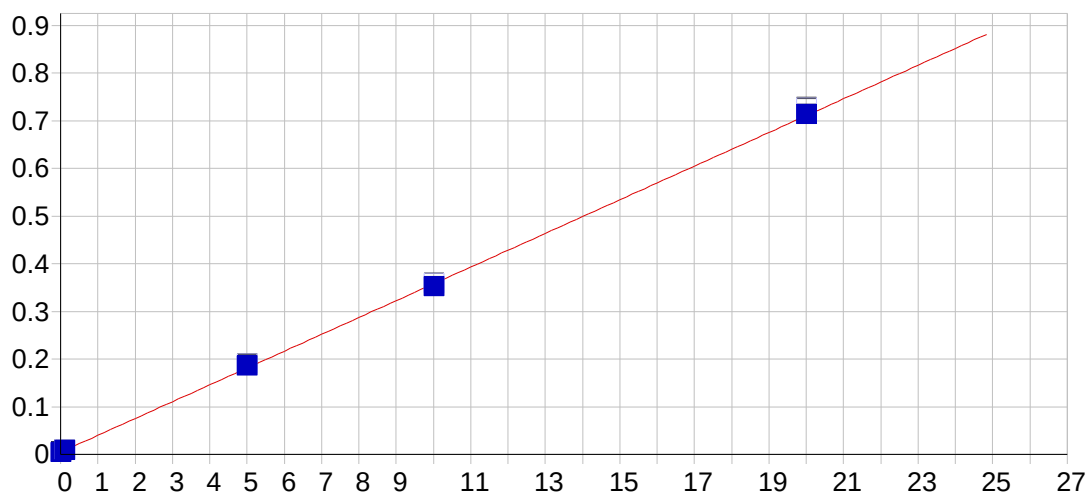
Weighting: 1/Conc

A0 (Offset): 0.000402
 A1 (Gain): 0.135459
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000047
 Predicted MDL: 0.001550
 Predicted MQL: 0.005168

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	.00040	.000	1
S1	.05000	.05351	.004	7.01	.00748	.000	1
S3	2.5000	2.5455	.046	1.82	.34141	.001	1
S4	5.0000	4.9558	-.044	-.884	.66409	.001	1
S5	10.000	9.9952	-.005	-.048	1.3391	.001	1

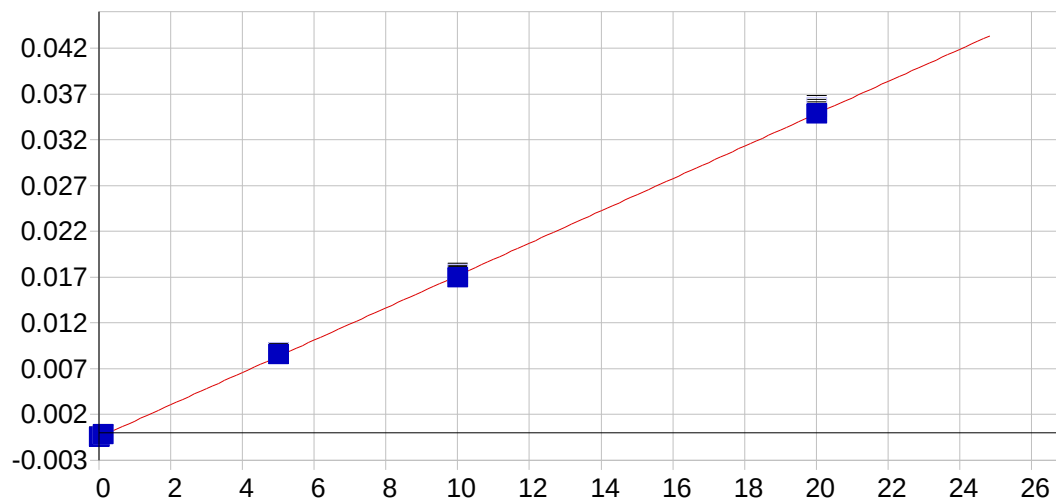


AI 308.215 {109}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004678 Re-Slope: 1.000000
 A1 (Gain): 0.035312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.002619
 Predicted MQL: 0.008729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00468	.000	1
S1	.10000	.10902	.009	9.02	.00877	.000	1
S3	5.0000	5.1209	.121	2.42	.18902	.000	1
S4	10.000	9.8171	-.183	-1.83	.35837	.000	1
S5	20.000	20.053	.053	.263	.72684	.001	1



AI 309.271 {109}

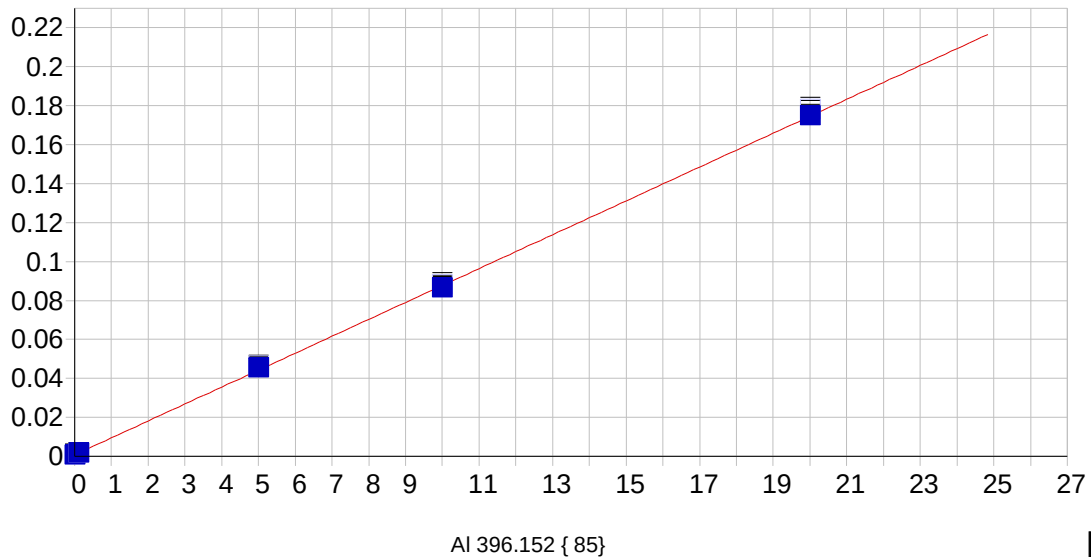
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000469 Re-Slope: 1.000000
 A1 (Gain): 0.001765 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771
 Std Error of Est: 0.000003
 Predicted MDL: 0.032271
 Predicted MQL: 0.107571

Status: OK.

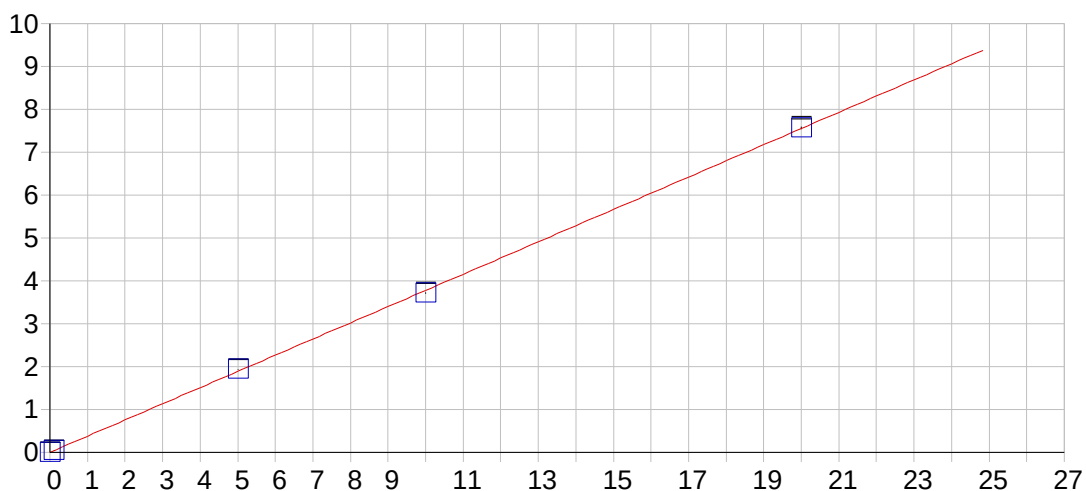
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00047	.000	1
S1	.10000	.13447	.034	34.5	-.00022	.000	1
S3	5.0000	5.1144	.114	2.29	.00873	.000	1
S4	10.000	9.8498	-.150	-1.50	.01727	.000	1
S5	20.000	20.000	-.000	-.002	.03553	.000	1



Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000792 Re-Slope: 1.000000
 A1 (Gain): 0.008689 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.011353
 Predicted MQL: 0.037845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.10000	.09877	-.001	-1.23	.00171	.000	1
S3	5.0000	5.1276	.128	2.55	.04621	.000	1
S4	10.000	9.8579	-.142	-1.42	.08818	.001	1
S5	20.000	20.016	.016	.079	.17817	.001	1

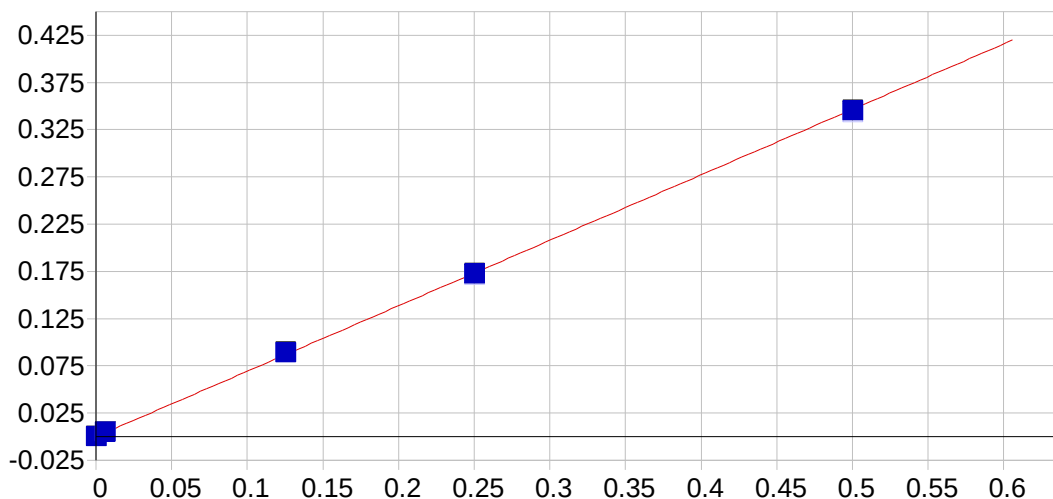


Ba 493.409 { 68}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000990 Re-Slope: 1.000000
 A1 (Gain): 0.377666 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000411
 Predicted MDL: 0.000508
 Predicted MQL: 0.001692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00099	.000	1
S1	.10000	.10764	.008	7.64	.04164	.000	1
S3	5.0000	5.1265	.126	2.53	1.9371	.005	1
S5	20.000	20.045	.045	.227	7.5714	.027	1
S4	10.000	9.8205	-.179	-1.79	3.7099	.014	1



Be 234.861 {144}

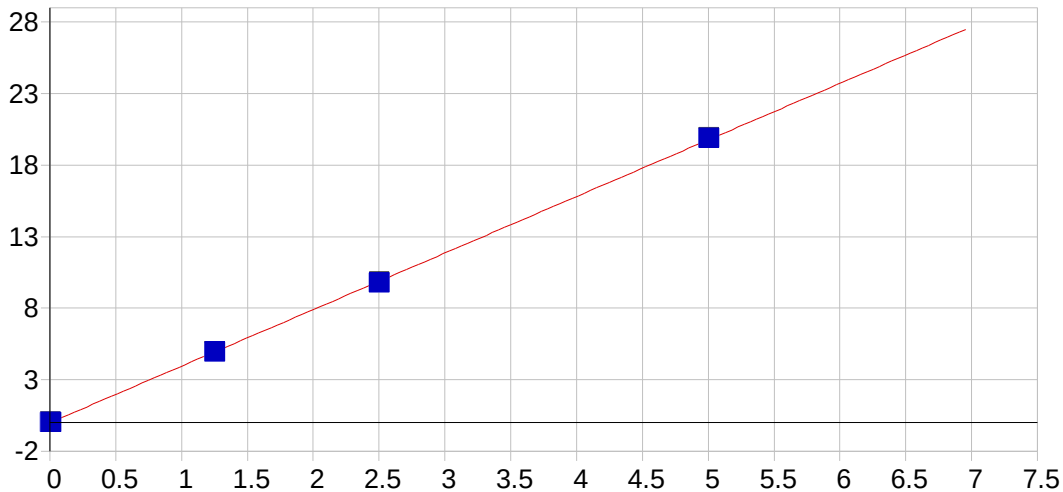
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.693063 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.000030
 Predicted MDL: 0.000079
 Predicted MQL: 0.000262

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00600	.00658	.001	9.68	.00454	.000	1
S3	.12500	.12857	.004	2.86	.08859	.000	1
S4	.25000	.24810	-.002	-.758	.17089	.001	1
S5	.50000	.49775	-.002	-.451	.34281	.001	1

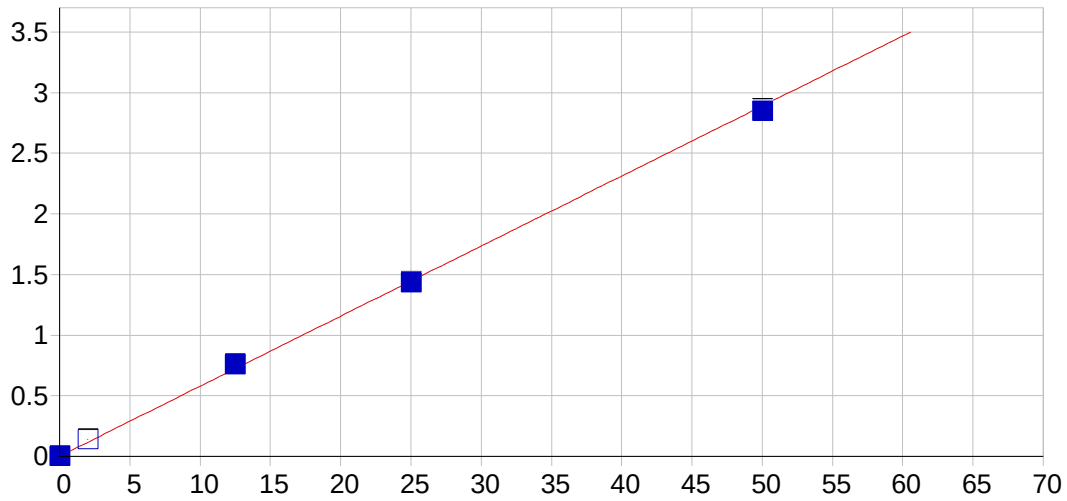


Cd 226.502 {449}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002676 Re-Slope: 1.000000
 A1 (Gain): 3.953467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000277
 Predicted MDL: 0.000071
 Predicted MQL: 0.000235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00268	.000	1
S1	.00600	.00607	.000	1.09	.02135	.000	1
S3	1.2500	1.2508	.001	.064	4.9434	.004	1
S4	2.5000	2.4711	-.029	-1.15	9.7691	.037	1
S5	5.0000	5.0280	.028	.560	19.880	.023	1

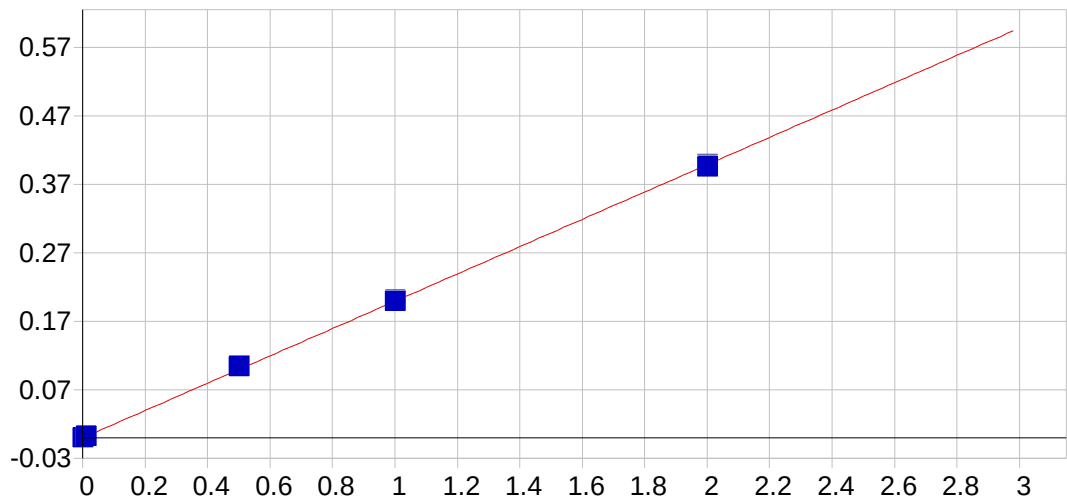


Ca 373.690 { 90}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001043 Re-Slope: 1.000000
 A1 (Gain): 0.057775 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999356 Status: OK.
 Std Error of Est: 0.001133
 Predicted MDL: 0.014225
 Predicted MQL: 0.047418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3905	.390	19.5	.13915	.001	1
S0	.00000	-.00043	-.000	.000	.00102	.000	1
S3	12.500	13.072	.572	4.57	.75665	.002	1
S4	25.000	24.781	-.219	-.875	1.4335	.008	1
S5	50.000	49.257	-.743	-1.49	2.8484	.020	1



Cr 267.716 {126}

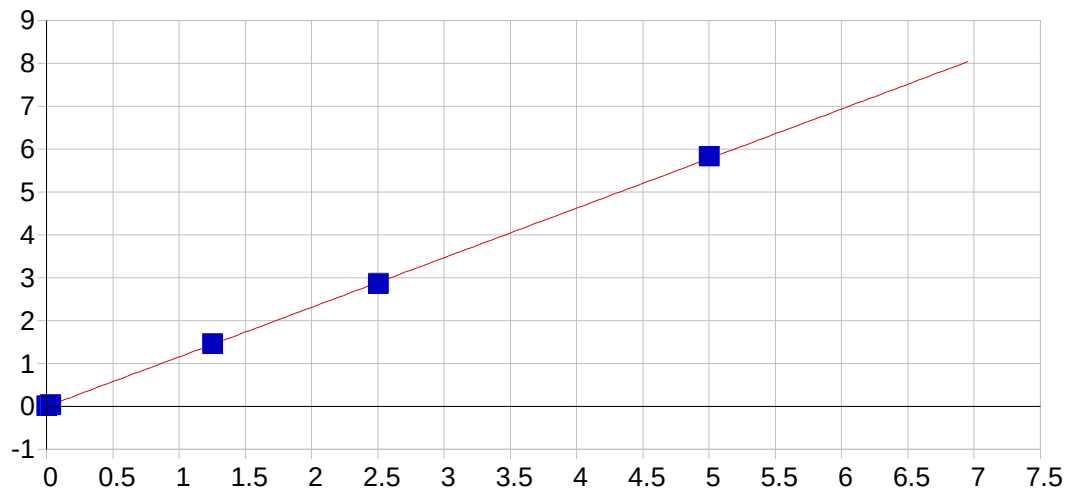
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.199420 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000027
 Predicted MDL: 0.000416
 Predicted MQL: 0.001387

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01000	.01075	.001	7.46	.00201	.000	1
S3	.50000	.52123	.021	4.25	.10458	.000	1
S4	1.0000	.99654	-.003	-.346	.20015	.001	1
S5	2.0000	1.9815	-.019	-.926	.39814	.001	1



Co 228.616 {447}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

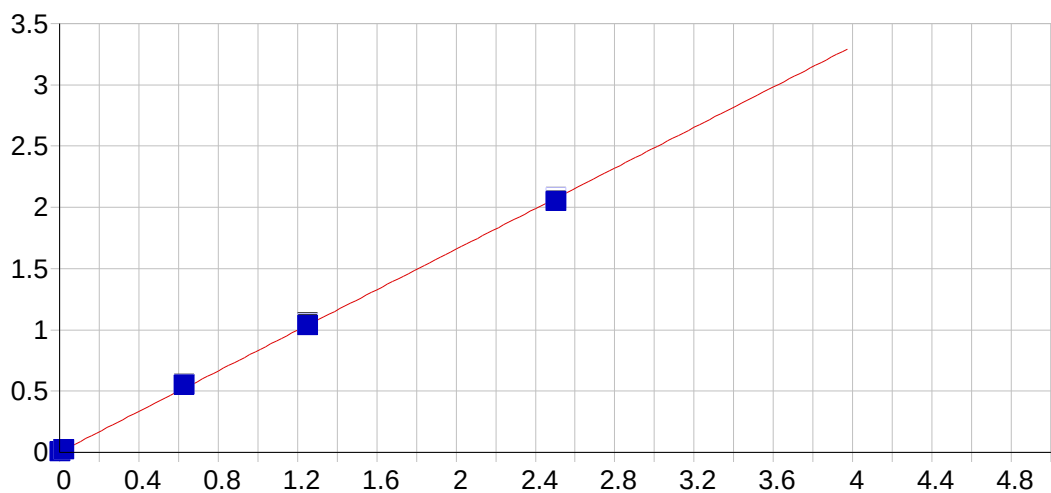
Weighting: 1/Conc

A0 (Offset): -0.000401
 A1 (Gain): 1.156122
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000231
 Predicted MDL: 0.000206
 Predicted MQL: 0.000686

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	-.00040	.000	1
S1	.03000	.03015	.000	.492	.03422	.000	1
S3	1.2500	1.2569	.007	.550	1.4538	.001	1
S4	2.5000	2.4622	-.038	-1.51	2.8485	.010	1
S5	5.0000	5.0307	.031	.615	5.8203	.006	1

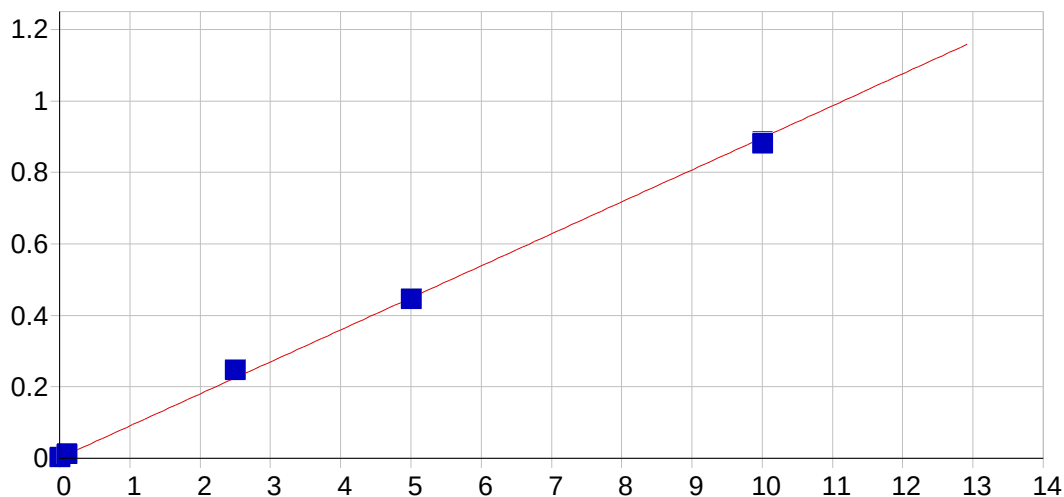


Cu 224.700 {450}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003021 Re-Slope: 1.000000
 A1 (Gain): 0.827786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.000358
 Predicted MQL: 0.001192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00302	.000	1
S1	.02000	.02254	.003	12.7	.02193	.000	1
S3	.62500	.65655	.032	5.05	.55486	.001	1
S4	1.2500	1.2464	-.004	-.285	1.0515	.004	1
S5	2.5000	2.4695	-.031	-1.22	2.0807	.001	1



Fe 240.488 {140}

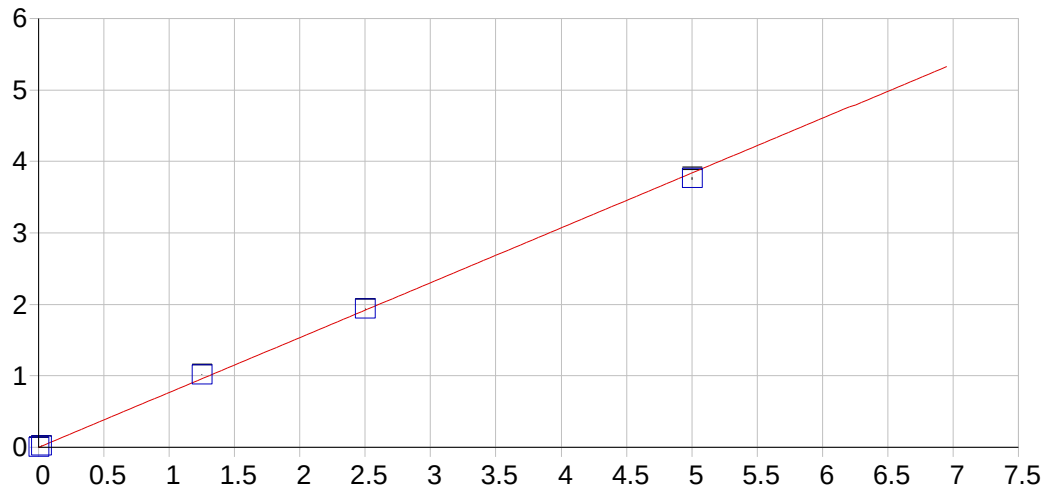
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000902 Re-Slope: 1.000000
 A1 (Gain): 0.089593 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999231
 Std Error of Est: 0.000191
 Predicted MDL: 0.000701
 Predicted MQL: 0.002337

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00090	.000	1
S1	.10000	.10866	.009	8.66	.01068	.000	1
S3	2.5000	2.7362	.236	9.45	.24689	.000	1
S4	5.0000	4.9467	-.053	-1.07	.44576	.001	1
S5	10.000	9.8084	-.192	-1.92	.88302	.001	1



Mn 257.610 {131}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

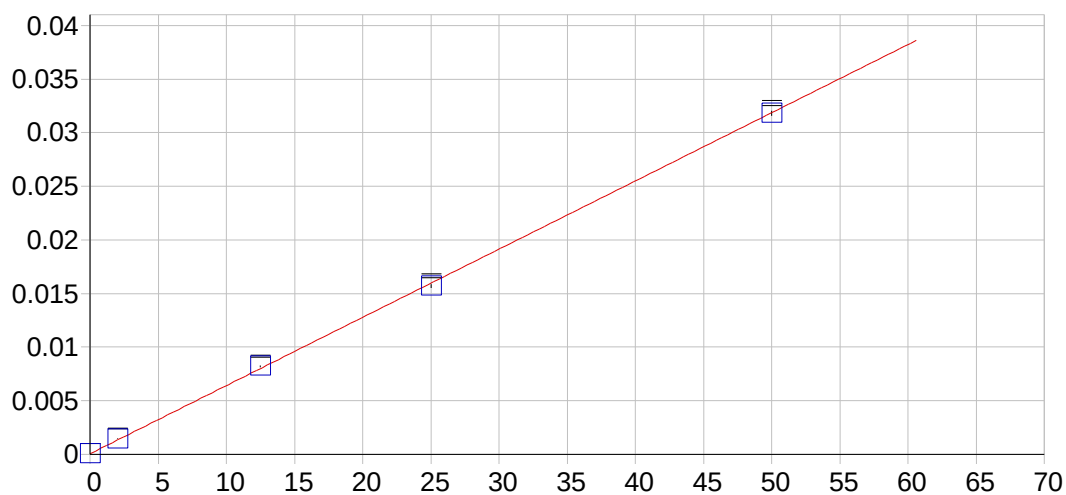
Weighting: 1/Conc

A0 (Offset): 0.000339
 A1 (Gain): 0.766816
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599
 Std Error of Est: 0.000371
 Predicted MDL: 0.000080
 Predicted MQL: 0.000267

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	.00034	.000	1
S1	.02000	.02305	.003	15.2	.01801	.000	1
S3	1.2500	1.3238	.074	5.90	1.0154	.001	1
S4	2.5000	2.5232	.023	.929	1.9352	.001	1
S5	5.0000	4.9000	-.100	-2.00	3.7577	.017	1

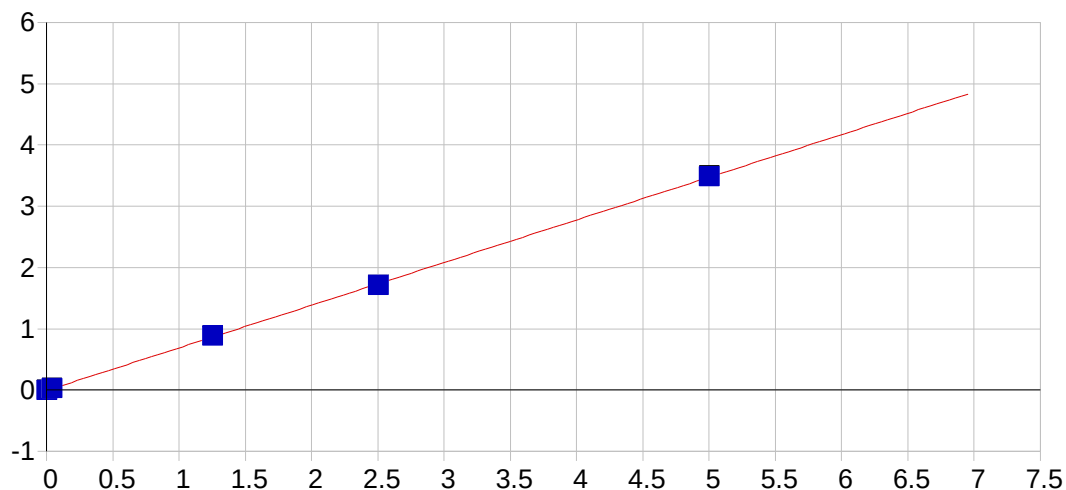


Mg 279.079 {121}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.000636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.045434
 Predicted MQL: 0.151445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1938	.194	9.69	.00145	.000	1
S0	.00000	-.00021	-.000	.000	.00005	.000	1
S3	12.500	12.842	.342	2.73	.00822	.000	1
S4	25.000	24.557	-.443	-1.77	.01567	.000	1
S5	50.000	49.908	-.092	-.184	.03179	.000	1



Ni 231.604 {445}

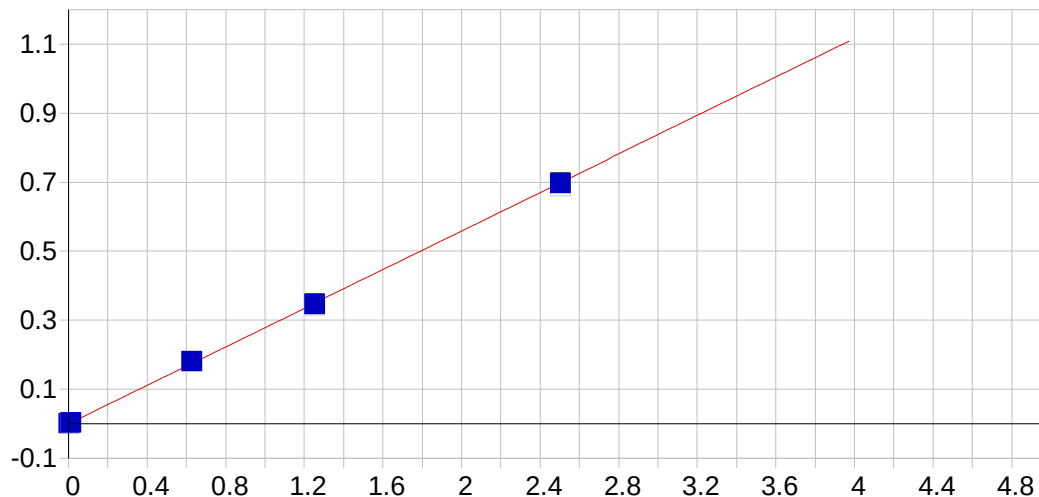
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007814 Re-Slope: 1.000000
 A1 (Gain): 0.696391 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000161
 Predicted MDL: 0.000365
 Predicted MQL: 0.001217

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00781	.000	1
S1	.04000	.04161	.002	4.03	.02118	.000	1
S3	1.2500	1.2689	.019	1.51	.87680	.003	1
S4	2.5000	2.4675	-.032	-1.30	1.7125	.006	1
S5	5.0000	5.0119	.012	.238	3.4862	.005	1



Ag 328.068 {103}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

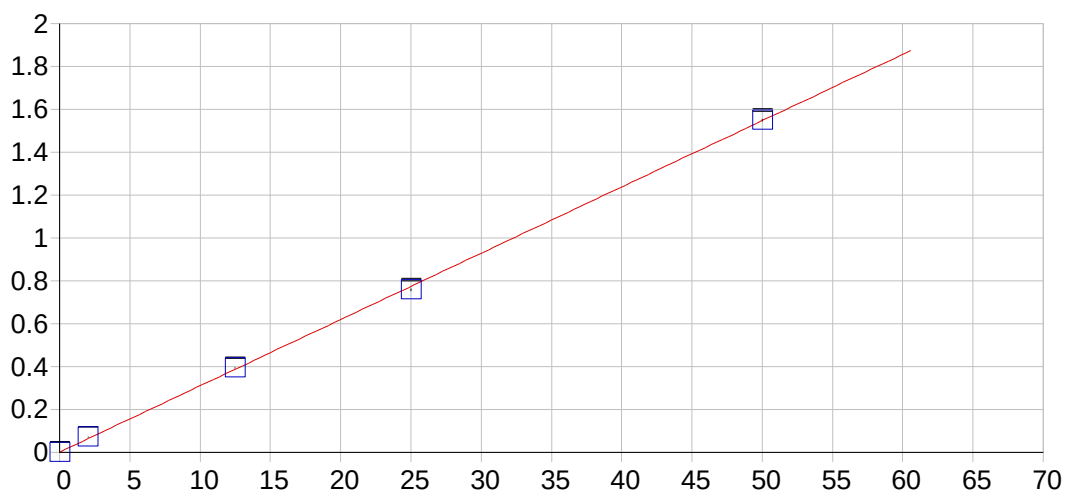
Weighting: 1/Conc

A0 (Offset): -0.000530
 A1 (Gain): 0.279420
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867
 Std Error of Est: 0.000039
 Predicted MDL: 0.000503
 Predicted MQL: 0.001675

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	.01000	.01136	.001	13.6	.00259	.000	1
S3	.62500	.64709	.022	3.53	.17829	.000	1
S4	1.2500	1.2373	-.013	-1.01	.34123	.001	1
S5	2.5000	2.4892	-.011	-.431	.68706	.002	1

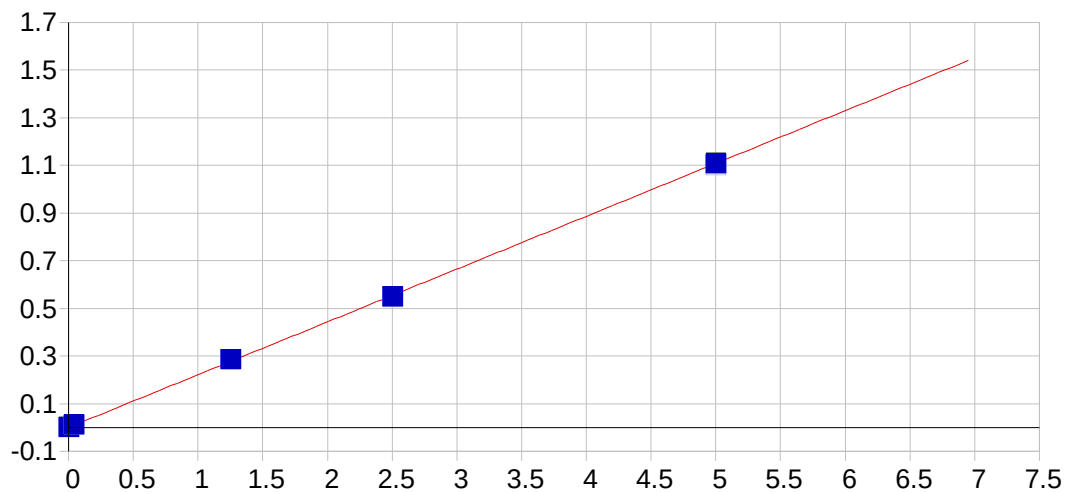


Na 589.592 { 57}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001414 Re-Slope: 1.000000
 A1 (Gain): 0.030917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761 Status: OK.
 Std Error of Est: 0.000369
 Predicted MDL: 0.008213
 Predicted MQL: 0.027378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2423	.242	12.1	.07074	.000	1
S0	.00000	-.00024	-.000	.000	.00141	.000	1
S3	12.500	12.695	.195	1.56	.39392	.002	1
S4	25.000	24.493	-.507	-2.03	.75867	.006	1
S5	50.000	50.069	.069	.138	1.5494	.007	1



V 292.402 {115}

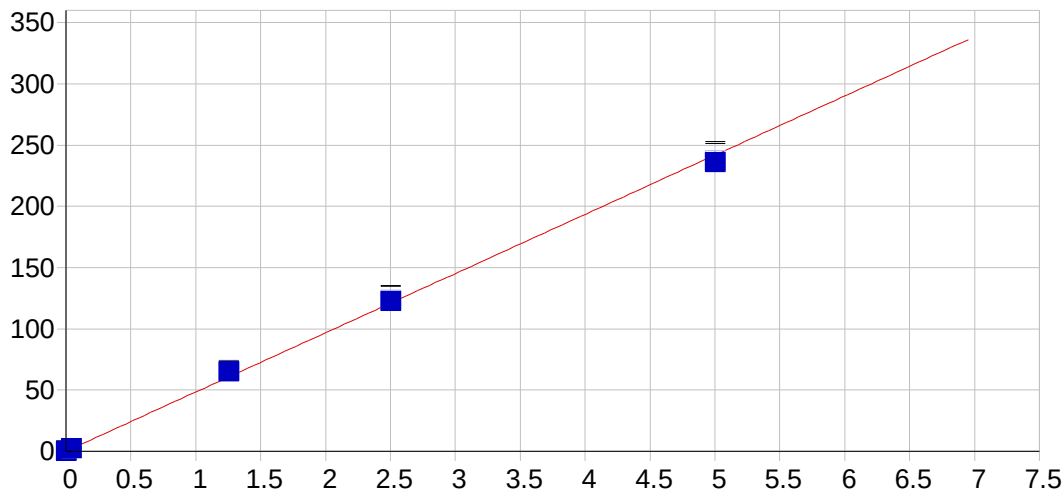
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000184 Re-Slope: 1.000000
 A1 (Gain): 0.221705 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000072
 Predicted MDL: 0.000427
 Predicted MQL: 0.001423

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.04000	.04324	.003	8.09	.00926	.000	1
S3	1.2500	1.2847	.035	2.78	.28284	.000	1
S4	2.5000	2.4712	-.029	-1.15	.54408	.000	1
S5	5.0000	4.9908	-.009	-.184	1.0991	.002	1



Zn 206.200 {163}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

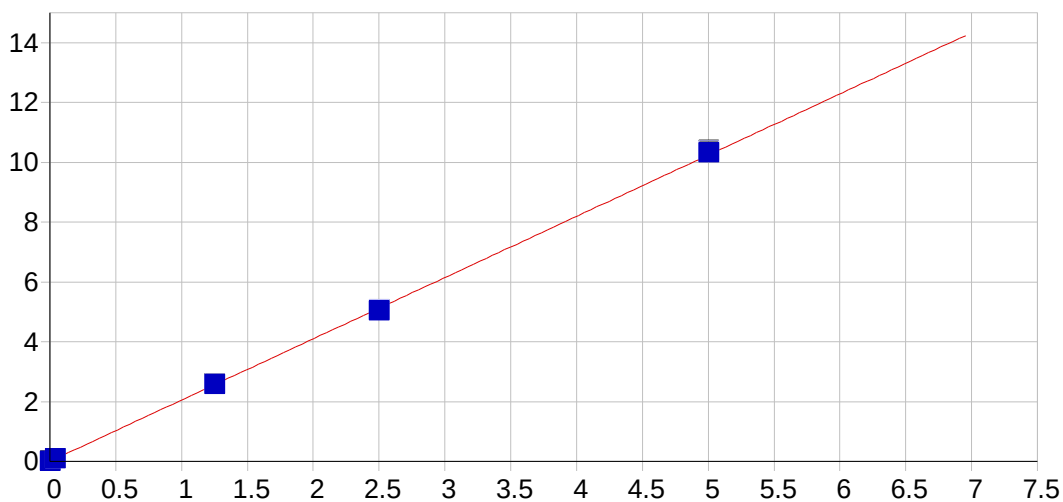
Weighting: 1/Conc

A0 (Offset): 0.077712
 A1 (Gain): 48.342142
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999422
 Std Error of Est: 0.040021
 Predicted MDL: 0.000475
 Predicted MQL: 0.001582

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	.07737	.036	1
S1	.04000	.04474	.005	11.8	2.2532	.058	1
S3	1.2500	1.3381	.088	7.05	65.132	.705	1
S4	2.5000	2.5318	.032	1.27	123.20	3.77	1
S5	5.0000	4.8753	-.125	-2.49	237.22	7.24	1

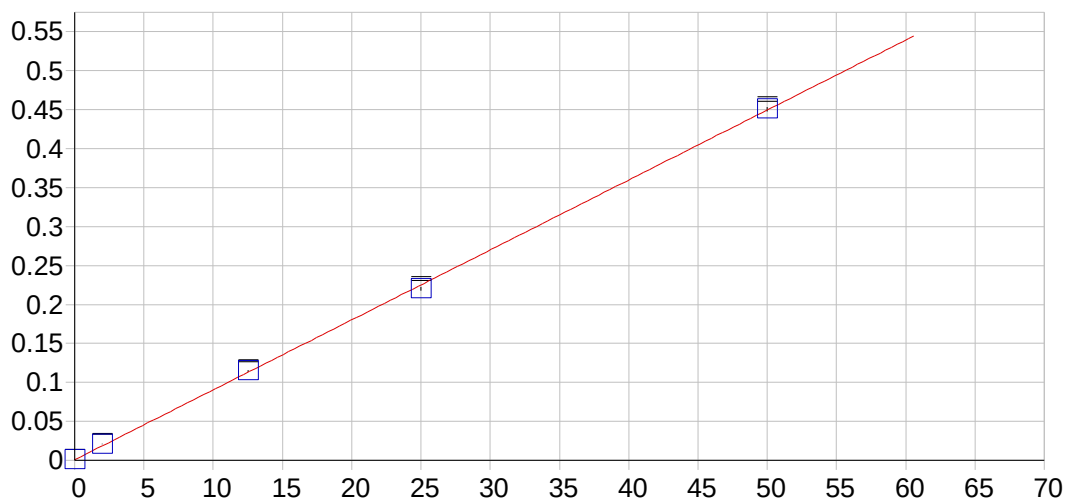


Zn 213.856 {458}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003406 Re-Slope: 1.000000
 A1 (Gain): 2.047233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000562
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00341	.000	1
S1	.04000	.03984	-.000	-.410	.08553	.000	1
S3	1.2500	1.2565	.007	.522	2.5921	.002	1
S4	2.5000	2.4553	-.045	-1.79	5.0626	.018	1
S5	5.0000	5.0384	.038	.767	10.383	.010	1



K 766.490 {44}

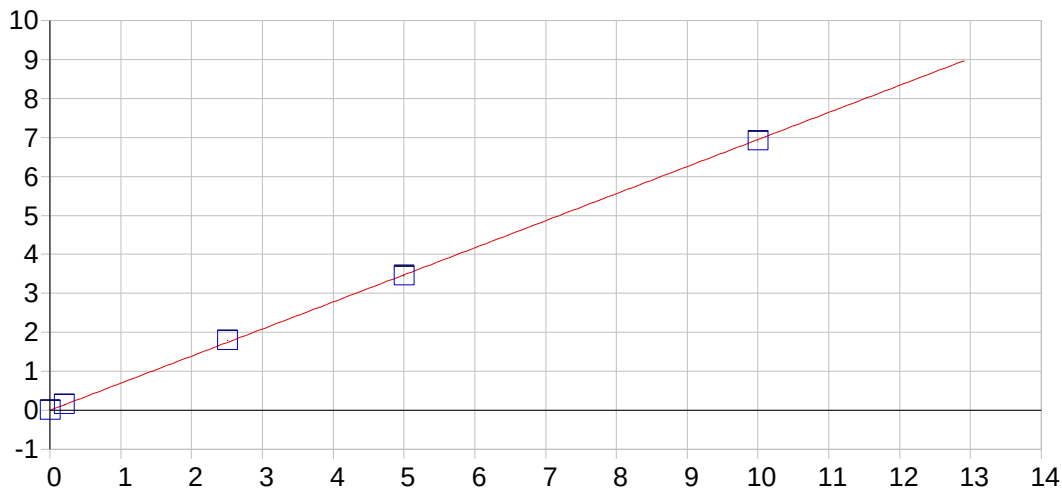
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.008980 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753
 Std Error of Est: 0.000109
 Predicted MDL: 0.030246
 Predicted MQL: 0.100821

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2360	.236	11.8	.02069	.000	1
S0	.00000	-.00023	-.000	.000	.00061	.000	1
S3	12.500	12.701	.201	1.61	.11466	.001	1
S4	25.000	24.434	-.566	-2.26	.22002	.002	1
S5	50.000	50.129	.129	.259	.45076	.003	1



Mo 202.030 {467}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

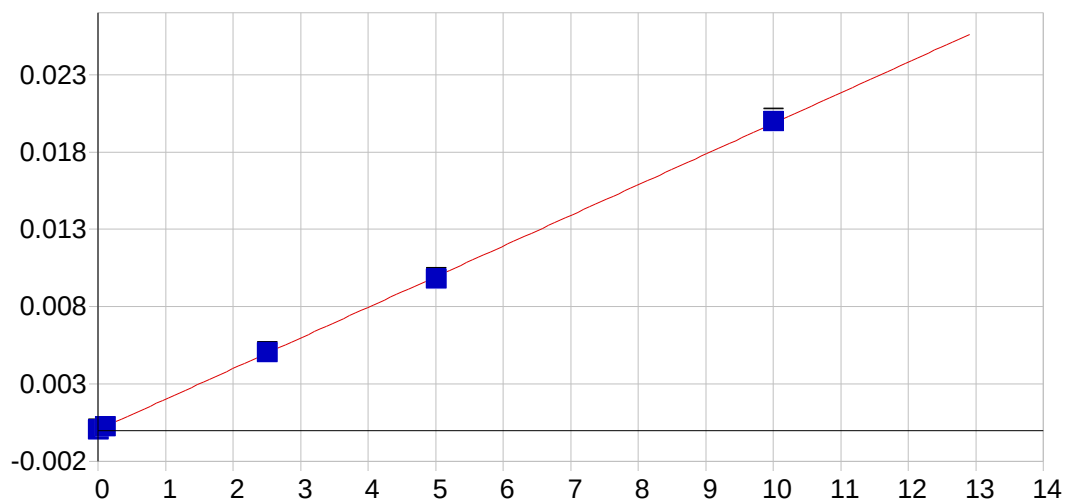
Weighting: 1/Conc

A0 (Offset): -0.000439
 A1 (Gain): 0.694919
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853
 Std Error of Est: 0.000915
 Predicted MDL: 0.000268
 Predicted MQL: 0.000893

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	-.00046	.000	1
S1	.20000	.21951	.020	9.76	.15210	.000	1
S3	2.5000	2.5810	.081	3.24	1.7931	.004	1
S4	5.0000	4.9612	-.039	-.776	3.4472	.015	1
S5	10.000	9.9383	-.062	-.617	6.9059	.002	1

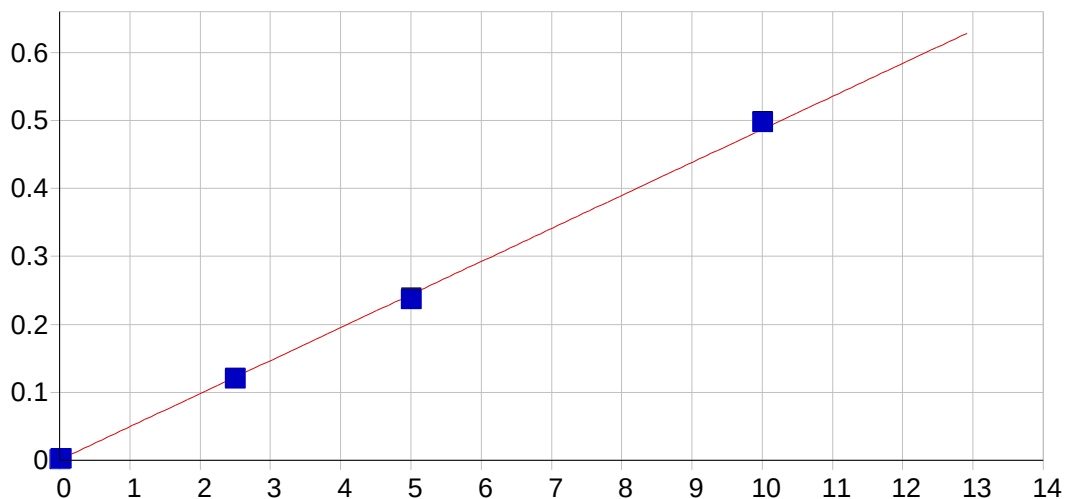


B 249.678 {135}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.001981 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.012730
 Predicted MQL: 0.042432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.09783	-.002	-2.17	.00022	.000	1
S3	2.5000	2.5171	.017	.685	.00500	.000	1
S4	5.0000	4.9168	-.083	-1.66	.00975	.000	1
S5	10.000	10.068	.068	.682	.01993	.000	1



S 182.034 {485}

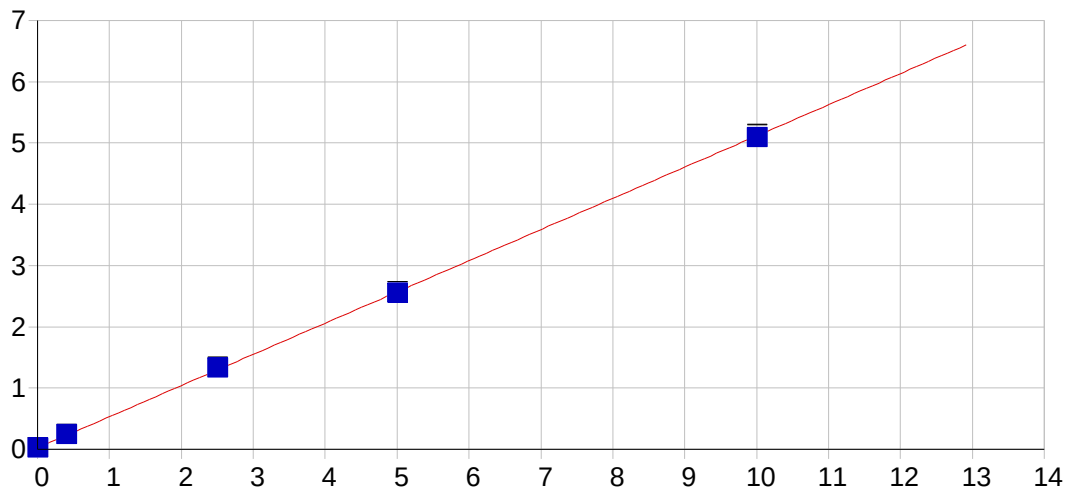
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000892 Re-Slope: 1.000000
 A1 (Gain): 0.048587 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717
 Std Error of Est: 0.000028
 Predicted MDL: 0.002523
 Predicted MQL: 0.008411

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.02000	.01990	-.000	-.501	.00183	.000	1
S3	2.5000	2.4395	-.061	-2.42	.11928	.001	1
S4	5.0000	4.8552	-.145	-2.90	.23652	.001	1
S5	10.000	10.205	.205	2.05	.49620	.001	1



Si 288.158 {117}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

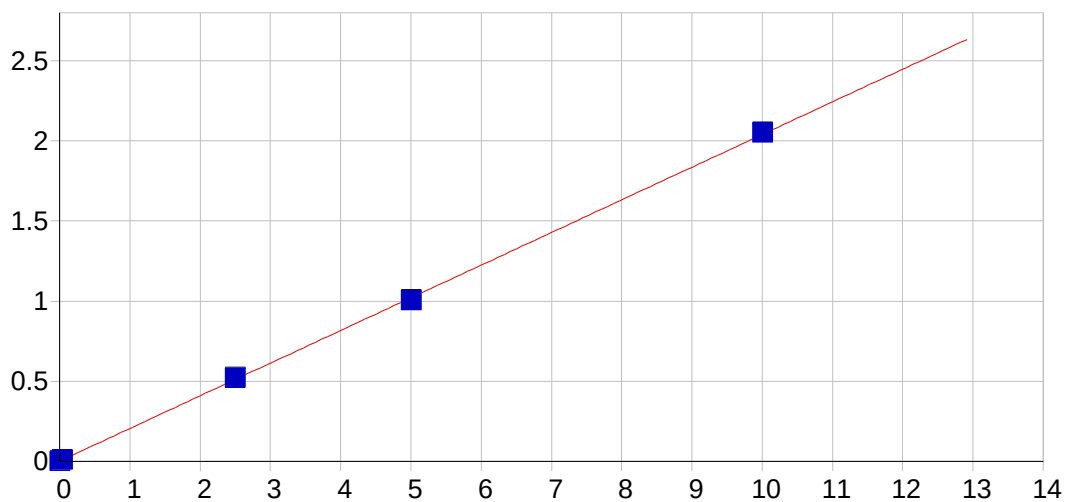
Weighting: 1/Conc

A0 (Offset): 0.022125
 A1 (Gain): 0.509320
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000799
 Predicted MDL: 0.002184
 Predicted MQL: 0.007281

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	.02211	.001	1
S1	.40000	.42099	.021	5.25	.23637	.003	1
S3	2.5000	2.5711	.071	2.84	1.3310	.010	1
S4	5.0000	4.9662	-.034	-.677	2.5501	.022	1
S5	10.000	9.9418	-.058	-.582	5.0829	.050	1

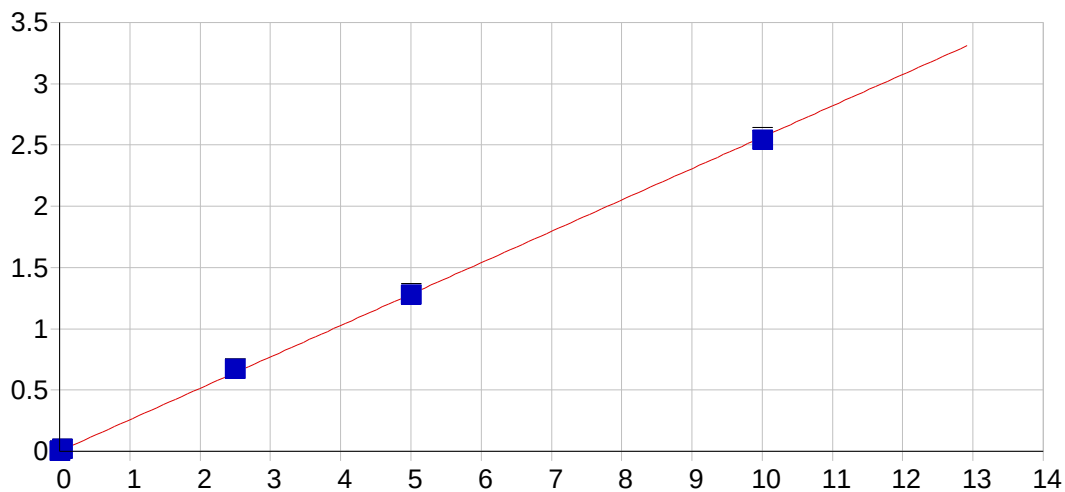


Sn 189.989 {477}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001564 Re-Slope: 1.000000
 A1 (Gain): 0.203842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000617
 Predicted MQL: 0.002058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00156	.000	1
S1	.04000	.03911	-.001	-2.21	.00954	.000	1
S3	2.5000	2.5425	.042	1.70	.51991	.002	1
S4	5.0000	4.9062	-.094	-1.88	1.0018	.004	1
S5	10.000	10.052	.052	.522	2.0510	.003	1



Ti 336.121 {100}

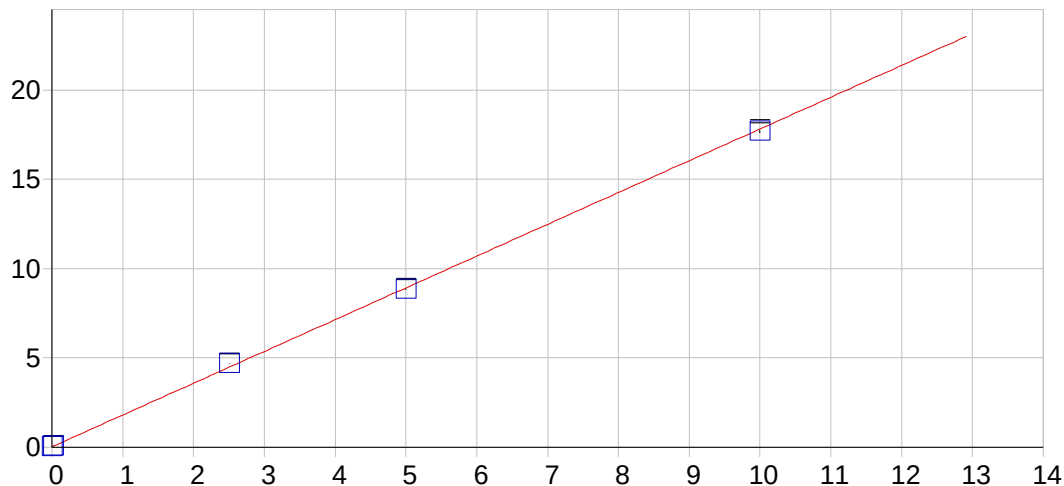
Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002105 Re-Slope: 1.000000
 A1 (Gain): 0.256111 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834
 Std Error of Est: 0.000160
 Predicted MDL: 0.002052
 Predicted MQL: 0.006841

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00210	.000	1
S1	.04000	.04331	.003	8.26	.01319	.001	1
S3	2.5000	2.6083	.108	4.33	.67005	.004	1
S4	5.0000	4.9742	-.026	-.515	1.2759	.007	1
S5	10.000	9.9141	-.086	-.859	2.5409	.017	1



Li 670.784 { 50}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

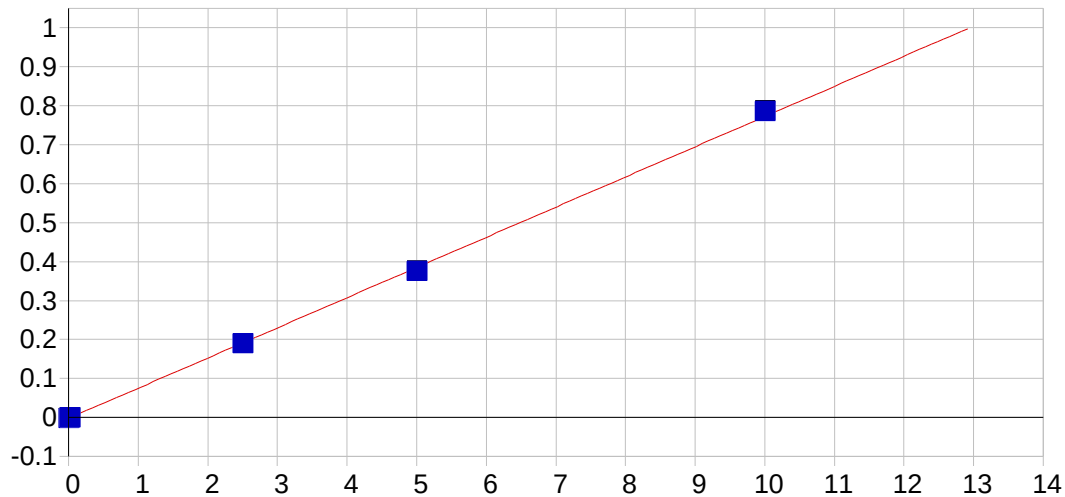
Weighting: 1/Conc

A0 (Offset): 0.028425
 A1 (Gain): 1.778827
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778
 Std Error of Est: 0.000905
 Predicted MDL: 0.001605
 Predicted MQL: 0.005350

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	.02842	.002	1
S1	.02000	.02457	.005	22.8	.07213	.001	1
S3	2.5000	2.6193	.119	4.77	4.6877	.014	1
S4	5.0000	4.9533	-.047	-.934	8.8395	.026	1
S5	10.000	9.9228	-.077	-.772	17.679	.095	1

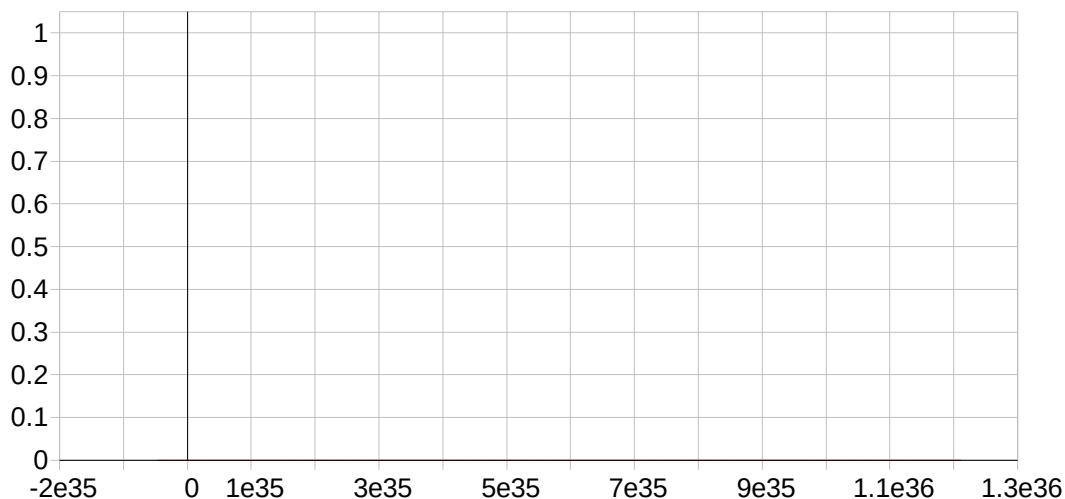


P 177.495 {490}

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002529 Re-Slope: 1.000000
 A1 (Gain): 0.077484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001599
 Predicted MQL: 0.005329

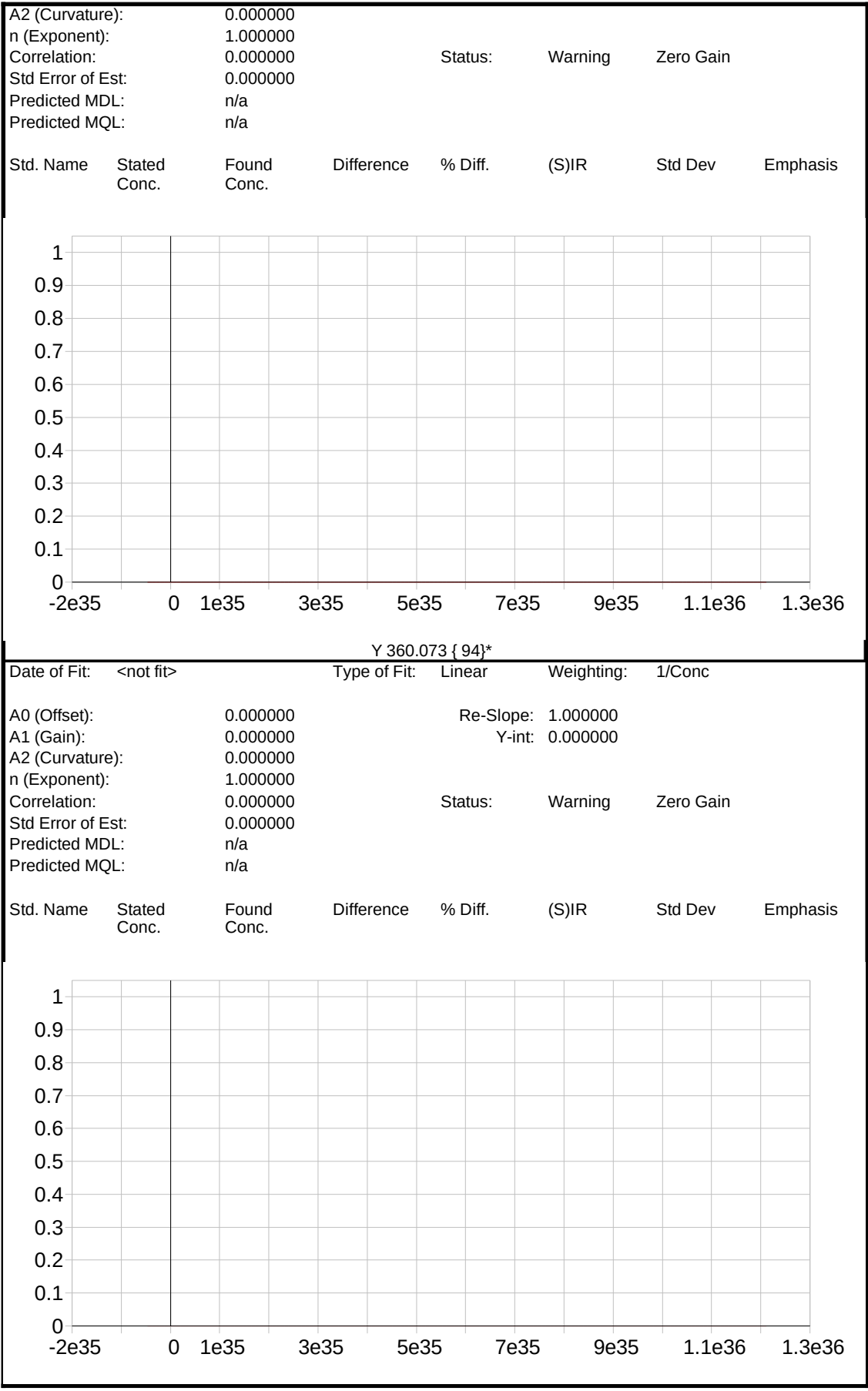
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00253	.000	1
S1	.02000	.01770	-.002	-11.5	-.00116	.000	1
S3	2.5000	2.4715	-.028	-1.14	.18870	.001	1
S4	5.0000	4.8676	-.132	-2.65	.37408	.001	1
S5	10.000	10.163	.163	1.63	.78383	.001	1

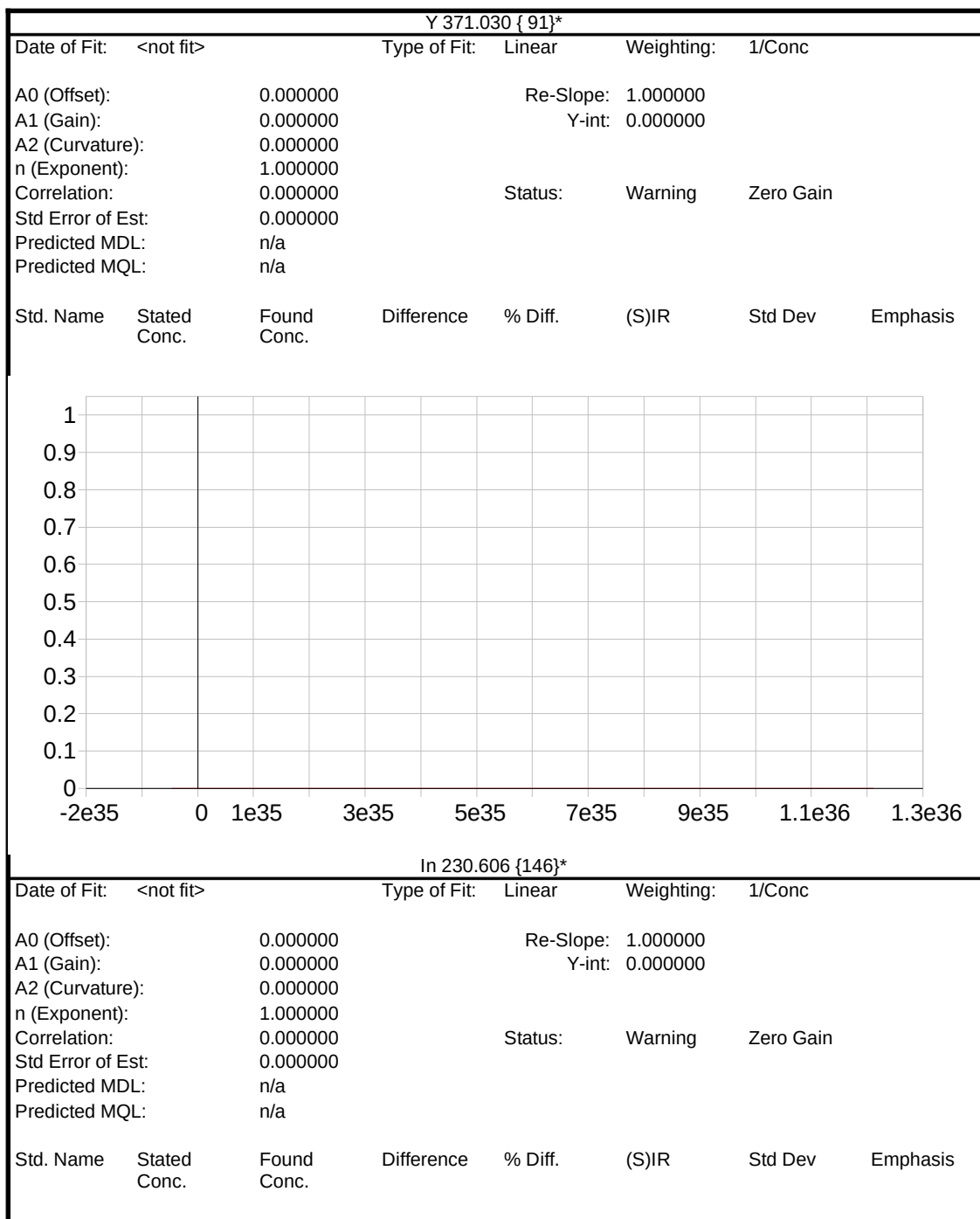


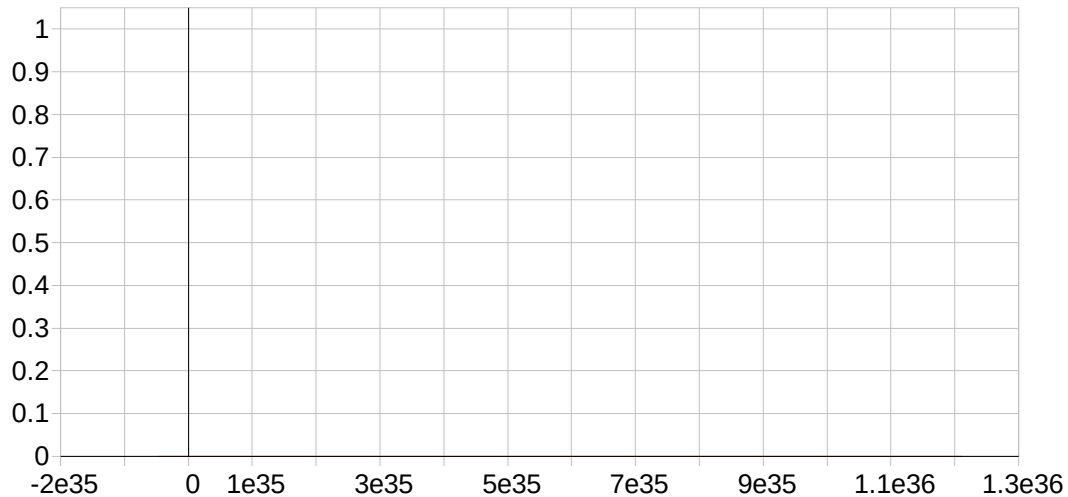
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

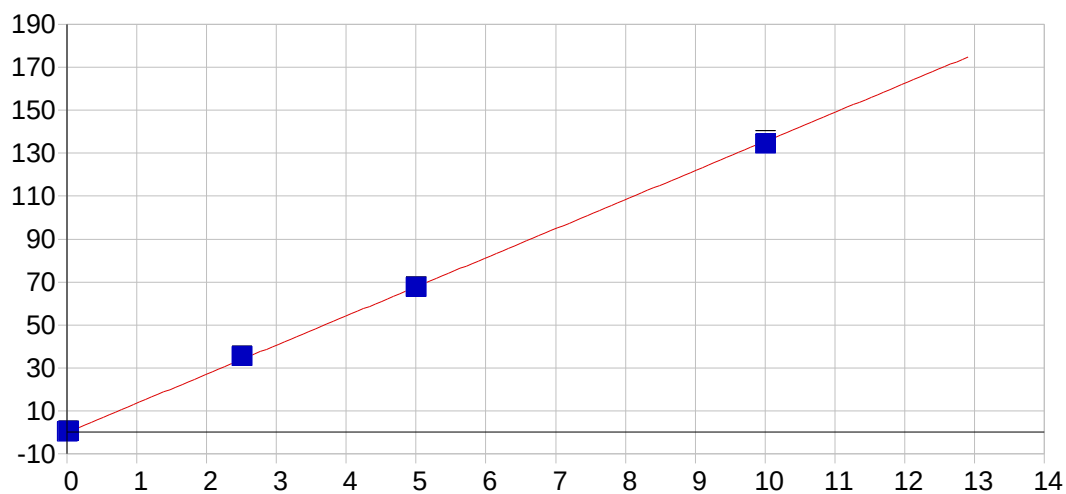
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 5/20/2019 15:13:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005138

Re-Slope: 1.000000

A1 (Gain): 13.544811

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999851

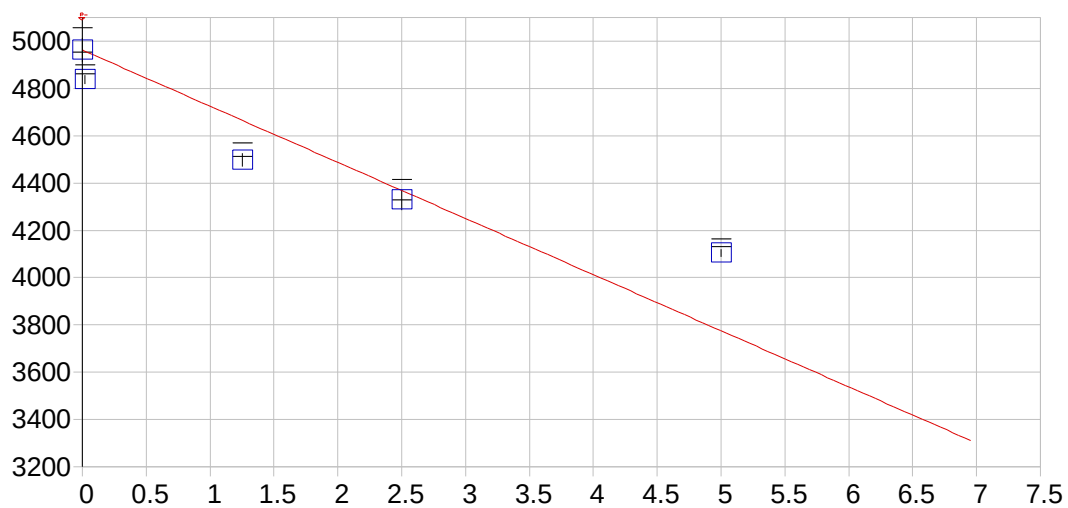
Status: OK.

Std Error of Est: 0.005647

Predicted MDL: 0.000085

Predicted MQL: 0.000284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00517	.001	1
S1	.02000	.02180	.002	9.02	.29168	.001	1
S3	2.5000	2.6022	.102	4.09	35.278	.041	1
S4	5.0000	4.9885	-.012	-.230	67.637	.134	1
S5	10.000	9.9075	-.092	-.925	134.34	1.55	1

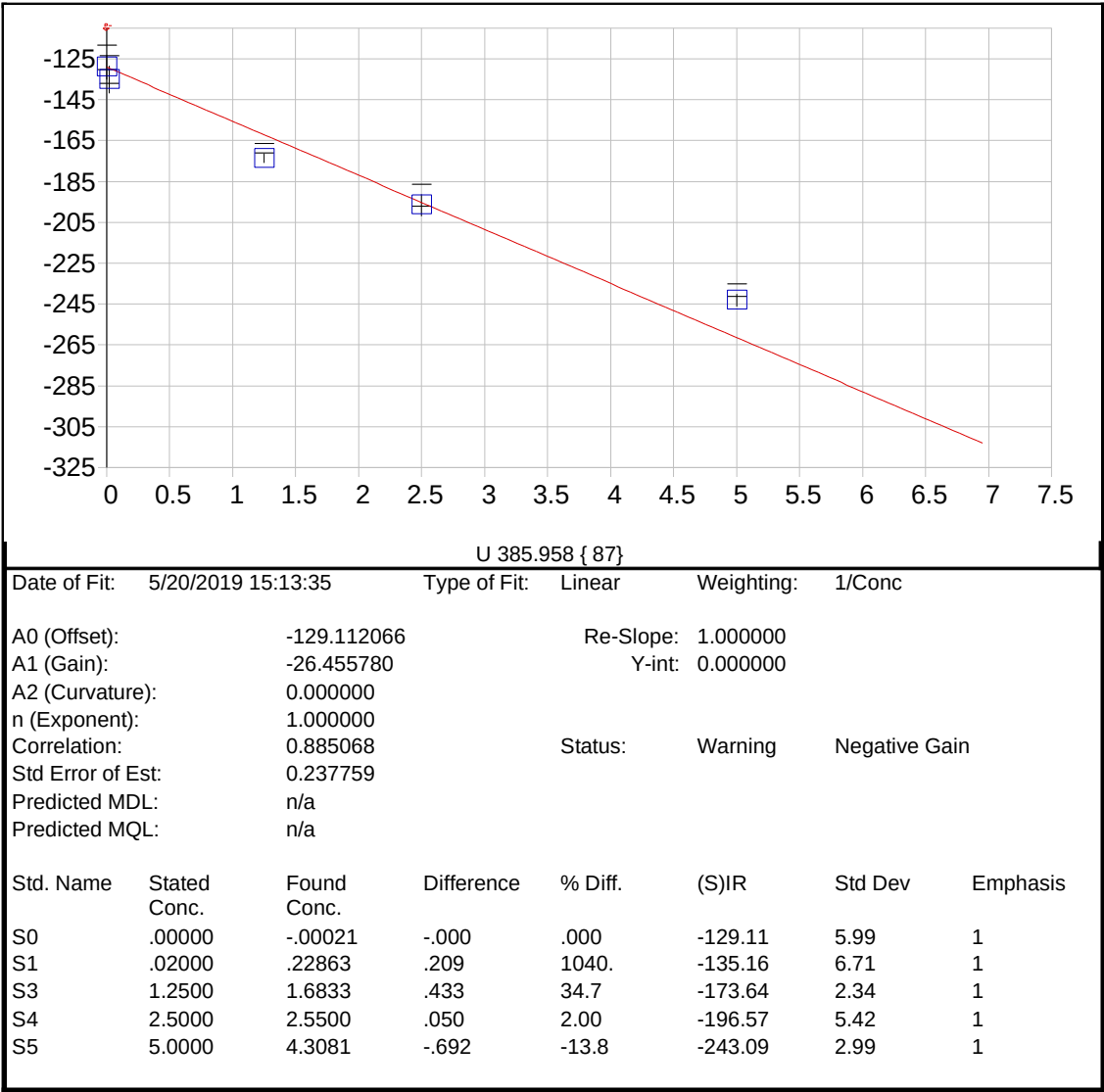


U 367.007 { 92 }

Date of Fit: 5/20/2019 15:13:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4962.226032 Re-Slope: 1.000000
A1 (Gain): -237.407307 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.624742 Status: Warning Negative Gain
Std Error of Est: 5.070586
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00051	-.001	.000	4962.3	52.0	1
S1	.02000	.52765	.508	2540.	4837.0	18.4	1
S3	1.2500	1.9587	.709	56.7	4497.2	28.9	1
S4	2.5000	2.6739	.174	6.96	4327.4	43.3	1
S5	5.0000	3.6097	-1.39	-27.8	4105.3	16.2	1



Sample Name: S0 Acquired: 5/20/2019 14:43:24 Type: Cal
Method: P4-ICP2(v3135) 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	-.00012	-.00002	.00165	.00002	.00040	.00079	.00099	.00002
Stddev	.00014	.00009	.00005	.00010	.00009	.00012	.00027	.00003
%RSD	116.30	593.90	2.7823	431.52	22.942	14.996	26.938	114.13

#1	-.00010	.00009	.00164	.00001	.00030	.00067	.00128	-.00000
#2	-.00027	-.00008	.00170	.00012	.00043	.00081	.00075	.00003
#3	.00001	-.00005	.00161	-.00007	.00048	.00090	.00094	.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	-.00268	.00102	-.00015	-.00040	.00302	.00090	.00034	.00005
Stddev	.00008	.00008	.00007	.00020	.00026	.00008	.00004	.00001
%RSD	2.9844	8.1779	47.852	48.680	8.5148	8.5706	10.662	24.291

#1	-.00259	.00099	-.00016	-.00019	.00272	.00083	.00037	.00007
#2	-.00269	.00095	-.00021	-.00058	.00313	.00089	.00030	.00004
#3	-.00275	.00111	-.00007	-.00043	.00320	.00098	.00033	.00005

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	-.00781	-.00053	.00141	-.00018	.00341	.00061	-.00046	.00003
Stddev	.00008	.00020	.00020	.00005	.00026	.00011	.00009	.00003
%RSD	1.0287	37.642	14.501	28.193	7.6575	18.849	20.774	116.76

#1	-.00774	-.00063	.00124	-.00021	.00371	.00054	-.00046	.00006
#2	-.00790	-.00030	.00135	-.00012	.00323	.00054	-.00055	-.00001
#3	-.00781	-.00066	.00163	-.00021	.00328	.00074	-.00036	.00004

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	.00089	.02211	.00156	.00210	.02842	-.0025	-.00517	4962.3
Stddev	.00009	.00144	.00017	.00015	.00230	.0000	.00087	52.0
%RSD	9.6970	6.5344	10.756	7.3473	8.0926	1.021	16.897	1.0474

#1	.00098	.02051	.00169	.00221	.02725	-.0026	-.00480	5012.6
#2	.00080	.02332	.00163	.00218	.02693	-.0025	-.00617	4965.6
#3	.00090	.02251	.00137	.00193	.03106	-.0025	-.00454	4908.8

Sample Name: S0 Acquired: 5/20/2019 14:43:24 Type: Cal
Method: P4-ICP2(v3135) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-129.11
Stddev	5.99
%RSD	4.6395

#1	-122.53
#2	-134.24
#3	-130.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.7	49737.	4278.5	54.414	4242.5
Stddev	9.1	195.	31.7	.266	7.4
%RSD	.22936	.39129	.74185	.48843	.17373

#1	3960.3	49576.	4292.6	54.720	4238.4
#2	3975.0	49680.	4242.1	54.255	4251.0
#3	3976.9	49953.	4300.7	54.266	4238.0

Sample Name: S1 Acquired: 5/20/2019 14:47:52 Type: Cal
Method: P4-ICP2(v3135) 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	.00118	.00516	.00476	.00122	.00748	.00171	.04164	.00454
Stddev	.00001	.00011	.00019	.00005	.00005	.00000	.00038	.00003
%RSD	.65965	2.1450	4.0844	4.0767	.60377	.11370	.92086	.76003

#1	.00118	.00525	.00498	.00120	.00750	.00171	.04120	.00450
#2	.00117	.00504	.00461	.00127	.00743	.00171	.04188	.00456
#3	.00119	.00520	.00469	.00118	.00751	.00171	.04185	.00456

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	.02135	.00201	.03422	.02193	.01068	.01801	.02118	.00259
Stddev	.00009	.00004	.00019	.00019	.00007	.00017	.00027	.00008
%RSD	.43102	1.8368	.55309	.86646	.64244	.96530	1.2851	2.9980

#1	.02140	.00205	.03438	.02211	.01064	.01791	.02087	.00262
#2	.02124	.00198	.03401	.02173	.01064	.01791	.02135	.00264
#3	.02141	.00200	.03427	.02196	.01076	.01821	.02133	.00250

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	.00926	.08553	.15210	.00022	.00183	.23637	.00954	.01319
Stddev	.00005	.00008	.00030	.00002	.00009	.00306	.00013	.00051
%RSD	.54876	.09112	.19972	8.6648	4.8778	1.2948	1.3703	3.8323

#1	.00932	.08545	.15203	.00022	.00188	.23945	.00942	.01304
#2	.00925	.08553	.15184	.00024	.00188	.23333	.00951	.01278
#3	.00922	.08561	.15244	.00021	.00173	.23634	.00968	.01375

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07213	-.0012	.29168	4837.0	-135.16
Stddev	.00073	.0001	.00050	18.4	6.71
%RSD	1.0073	6.628	.17290	.37993	4.9658

#1	.07265	-.0013	.29200	4817.8	-134.30
#2	.07130	-.0011	.29110	4854.5	-142.26
#3	.07244	-.0011	.29194	4838.5	-128.92

Sample Name: S1 Acquired: 5/20/2019 14:47:52 Type: Cal
Method: P4-ICP2(v3135) 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	3965.8	49771.	4352.9	52.948	4192.7
Stddev	9.7	38.	34.3	1.371	12.6
%RSD	.24474	.07665	.78833	2.5901	.30020
#1	3965.3	49749.	4325.4	51.793	4182.9
#2	3975.7	49749.	4391.3	52.586	4206.9
#3	3956.3	49815.	4342.0	54.464	4188.4

Sample Name: S2 Acquired: 5/20/2019 14:52:25 Type: Cal
Method: P4-ICP2(v3135) 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	.13915	.00145	.07074	.02069
Stddev	.00083	.00004	.00041	.00027
%RSD	.59622	2.7625	.57733	1.2864

#1	.13857	.00149	.07108	.02082
#2	.14010	.00141	.07029	.02038
#3	.13878	.00144	.07085	.02087

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	49756.	4402.6
Stddev	209.	15.4
%RSD	.42061	.34912

#1	49836.	4405.7
#2	49914.	4386.0
#3	49519.	4416.2

Sample Name: S3 Acquired: 5/20/2019 14:56:39 Type: Cal
Method: P4-ICP2(v3135) 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	.15373	.31446	.58485	.15347	.34141	.04621	1.9371	.08859
Stddev	.00043	.00039	.00018	.00026	.00104	.00031	.0054	.00038
%RSD	.28163	.12502	.03084	.16896	.30416	.67233	.27835	.42961

#1	.15423	.31401	.58493	.15352	.34250	.04655	1.9413	.08833
#2	.15343	.31465	.58464	.15318	.34043	.04613	1.9310	.08902
#3	.15354	.31472	.58497	.15369	.34131	.04595	1.9390	.08840

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9434	.75665	.10458	1.4538	.55486	.24689	1.0154	.00822
Stddev	.0044	.00188	.00015	.0014	.00082	.00042	.0013	.00008
%RSD	.08890	.24857	.14755	.09318	.14778	.17049	.13055	.95774

#1	4.9384	.75448	.10460	1.4523	.55578	.24640	1.0139	.00826
#2	4.9464	.75760	.10473	1.4543	.55460	.24717	1.0164	.00813
#3	4.9456	.75786	.10442	1.4549	.55421	.24708	1.0159	.00827

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	.87680	.17829	.39392	.28284	2.5921	.11466	1.7931	.00500
Stddev	.00312	.00044	.00161	.00010	.0020	.00110	.0036	.00005
%RSD	.35541	.24778	.40860	.03419	.07560	.95795	.19947	1.0835

#1	.87321	.17830	.39546	.28282	2.5927	.11531	1.7971	.00496
#2	.87865	.17873	.39225	.28295	2.5937	.11339	1.7901	.00499
#3	.87856	.17785	.39406	.28276	2.5899	.11528	1.7923	.00507

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	.11928	1.3310	.51991	.67005	4.6877	.1887	35.278	4497.2
Stddev	.00067	.0104	.00159	.00355	.0137	.0005	.041	28.9
%RSD	.56306	.78014	.30532	.52913	.29186	.2683	.11739	.64288

#1	.11852	1.3233	.51821	.66606	4.6931	.1883	35.237	4464.5
#2	.11979	1.3428	.52018	.67123	4.6978	.1885	35.320	4507.8
#3	.11954	1.3268	.52135	.67285	4.6721	.1893	35.277	4519.3

Sample Name: S3 Acquired: 5/20/2019 14:56:39 Type: Cal
 Method: P4-ICP2(v3135) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-173.64
Stddev	2.34
%RSD	1.3465

#1	-172.67
#2	-176.31
#3	-171.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.1	48440.	4375.5	52.148	3892.2
Stddev	20.2	37.	25.6	.812	10.2
%RSD	.52297	.07692	.58544	1.5569	.26271

#1	3837.8	48462.	4399.7	51.744	3881.5
#2	3865.4	48397.	4348.7	51.617	3893.3
#3	3877.1	48461.	4378.2	53.083	3901.9

Sample Name: S4 Acquired: 5/20/2019 15:00:39 Type: Cal
Method: P4-ICP2(v3135) 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	.29969	.61299	1.1412	.29863	.66409	.08818	3.7099	.17089
Stddev	.00199	.00355	.0039	.00068	.00145	.00077	.0141	.00059
%RSD	.66568	.57843	.34410	.22757	.21872	.87751	.37965	.34784
#1	.29851	.61005	1.1389	.29854	.66315	.08765	3.7208	.17138
#2	.29856	.61199	1.1390	.29801	.66337	.08907	3.7148	.17105
#3	.30199	.61693	1.1457	.29936	.66577	.08781	3.6940	.17023
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	9.7691	1.4335	.20015	2.8485	1.0515	.44576	1.9352	.01567
Stddev	.0374	.0084	.00091	.0101	.0036	.00071	.0014	.00018
%RSD	.38270	.58544	.45251	.35375	.34148	.15885	.07160	1.1307
#1	9.7418	1.4239	.20092	2.8425	1.0500	.44597	1.9352	.01548
#2	9.7538	1.4379	.20038	2.8429	1.0490	.44634	1.9365	.01582
#3	9.8117	1.4388	.19915	2.8601	1.0556	.44497	1.9338	.01571
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	1.7125	.34123	.75867	.54408	5.0626	.22002	3.4472	.00975
Stddev	.0064	.00121	.00607	.00032	.0180	.00221	.0146	.00012
%RSD	.37460	.35327	.79957	.05944	.35542	1.0024	.42333	1.2210
#1	1.7092	.34146	.75616	.54444	5.0501	.21859	3.4444	.00961
#2	1.7083	.34230	.76559	.54382	5.0544	.22256	3.4342	.00982
#3	1.7199	.33992	.75427	.54397	5.0832	.21891	3.4630	.00981
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	.23652	2.5501	1.0018	1.2759	8.8395	.3741	67.637	4327.4
Stddev	.00129	.0218	.0043	.0070	.0265	.0011	.134	43.3
%RSD	.54362	.85402	.43458	.54713	.29924	.2887	.19881	1.0006
#1	.23513	2.5546	.99891	1.2679	8.8412	.3731	67.511	4362.1
#2	.23676	2.5265	.99975	1.2807	8.8123	.3738	67.623	4341.3
#3	.23767	2.5693	1.0068	1.2791	8.8651	.3753	67.779	4278.9

Sample Name: S4 Acquired: 5/20/2019 15:00:39 Type: Cal
Method: P4-ICP2(v3135) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-196.57
Stddev	5.42
%RSD	2.7569

#1	-202.21
#2	-196.11
#3	-191.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.9	48288.	4384.9	51.962	3758.8
Stddev	8.1	300.	19.7	1.697	6.9
%RSD	.21228	.62229	.44926	3.2651	.18438

#1	3812.9	48195.	4367.0	53.227	3759.4
#2	3822.4	48045.	4406.0	50.034	3765.4
#3	3806.3	48624.	4381.7	52.625	3751.6

Sample Name: S5 Acquired: 5/20/2019 15:04:47 Type: Cal
Method: P4-ICP2(v3135) 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	.60768	1.2270	2.3167	.60120	1.3391	.17817	7.5714	.34281
Stddev	.00093	.0016	.0046	.00018	.0012	.00082	.0270	.00077
%RSD	.15242	.13348	.19650	.02985	.08588	.45958	.35677	.22423
#1	.60665	1.2262	2.3142	.60136	1.3404	.17785	7.5407	.34310
#2	.60845	1.2259	2.3138	.60124	1.3388	.17910	7.5824	.34194
#3	.60795	1.2288	2.3219	.60100	1.3382	.17756	7.5912	.34340
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	19.880	2.8484	.39814	5.8203	2.0807	.88302	3.7577	.03179
Stddev	.023	.0199	.00063	.0063	.0010	.00125	.0174	.00023
%RSD	.11731	.69867	.15835	.10918	.04601	.14204	.46278	.73097
#1	19.858	2.8348	.39777	5.8138	2.0814	.88330	3.7377	.03161
#2	19.877	2.8391	.39778	5.8205	2.0810	.88165	3.7660	.03205
#3	19.905	2.8712	.39887	5.8265	2.0796	.88411	3.7694	.03172
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	3.4862	.68706	1.5494	1.0991	10.383	.45076	6.9059	.01993
Stddev	.0049	.00194	.0066	.0015	.010	.00279	.0018	.00020
%RSD	.14082	.28282	.42509	.14013	.09939	.61807	.02541	1.0208
#1	3.4816	.68858	1.5466	1.1004	10.373	.44895	6.9042	.01987
#2	3.4858	.68773	1.5569	1.0974	10.394	.45397	6.9077	.02015
#3	3.4914	.68487	1.5447	1.0995	10.383	.44937	6.9058	.01976
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	.49620	5.0829	2.0510	2.5409	17.679	.7838	134.34	4105.3
Stddev	.00136	.0501	.0028	.0170	.095	.0014	1.55	16.2
%RSD	.27335	.98494	.13564	.66970	.53944	.1797	1.1545	.39517
#1	.49495	5.0646	2.0483	2.5288	17.666	.7827	133.98	4090.4
#2	.49600	5.0446	2.0508	2.5336	17.592	.7854	133.00	4122.6
#3	.49764	5.1396	2.0539	2.5603	17.781	.7834	136.04	4102.8

Sample Name: S5 Acquired: 5/20/2019 15:04:47 Type: Cal
 Method: P4-ICP2(v3135) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-243.09
Stddev	2.99
%RSD	1.2288

#1	-244.92
#2	-239.64
#3	-244.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.7	46876.	4336.9	51.482	3525.3
Stddev	3.0	127.	35.6	1.504	.8
%RSD	.08080	.27153	.82186	2.9216	.02315

#1	3683.1	46990.	4357.6	51.218	3525.1
#2	3685.0	46739.	4357.3	53.100	3526.2
#3	3689.0	46900.	4295.7	50.127	3524.6

Sample Name: ICV01 Acquired: 5/20/2019 15:15:12 Type: Unk
Method: P4-ICP2(v3135) 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	.99168	1.0463	.99468	1.0037	.98167	2.5109	.49612
Stddev	.00491	.0038	.00179	.0045	.00090	.0284	.00199
%RSD	.49510	.36348	.17972	.44956	.09143	1.1307	.40085

#1	.98805	1.0502	.99671	1.0060	.98210	2.4788	.49495
#2	.99727	1.0426	.99331	.99852	.98064	2.5214	.49499
#3	.98974	1.0462	.99403	1.0066	.98228	2.5326	.49841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48676	.48418	10.155	.50085	.49596	F .52038	5.0639
Stddev	.00048	.00043	.055	.00106	.00101	.00017	.0045
%RSD	.09851	.08781	.54536	.21077	.20333	.03200	.08794

#1	.48629	.48465	10.133	.50205	.49697	.52026	5.0673
#2	.48673	.48405	10.218	.50006	.49495	.52057	5.0656
#3	.48725	.48384	10.114	.50045	.49594	.52030	5.0589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51054	5.8698	.49854	.50079	9.9092	.50206	F .97107
Stddev	.00051	.0532	.00098	.00120	.0376	.00154	.00034
%RSD	.09932	.90674	.19650	.23880	.37900	.30638	.03465

#1	.51098	5.8796	.49760	.49943	9.8978	.50029	.97144
#2	.51066	5.8124	.49955	.50168	9.8786	.50298	.97077
#3	.50999	5.9175	.49846	.50126	9.9511	.50292	.97101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9579	2.4074	2.3945	F .00598	F 2.2393	F 2.3543	2.4374
Stddev	.0366	.0065	.0106	.00340	.0233	.0011	.0105
%RSD	.36783	.27151	.44202	56.834	1.0416	.04590	.42929

#1	9.9305	2.4089	2.3922	.00978	2.2512	2.3540	2.4322
#2	9.9436	2.4130	2.4061	.00324	2.2543	2.3555	2.4494
#3	9.9995	2.4002	2.3853	.00492	2.2125	2.3534	2.4305

Sample Name: ICV01 Acquired: 5/20/2019 15:15:12 Type: Unk
 Method: P4-ICP2(v3135) 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 -.00007	F -.0033	F .00611	F 2.7290	F 2.0558
Stddev	.00172	.0019	.00003	.2529	.0904
%RSD	2301.6	58.37	.42866	9.2681	4.3968
#1	-.00166	-.0017	.00613	2.4421	1.9898
#2	.00175	-.0028	.00608	2.9197	2.0188
#3	-.00032	-.0054	.00611	2.8253	2.1589
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.8	49611.	4487.3	55.661	3991.4
Stddev	14.3	84.	36.2	.919	14.3
%RSD	.36722	.16900	.80586	1.6516	.35732
#1	3883.6	49515.	4464.0	55.446	3974.9
#2	3897.4	49672.	4468.9	56.669	3999.5
#3	3912.2	49645.	4529.0	54.868	3999.8

Sample Name: LLICV01 Acquired: 5/20/2019 15:19:16 Type: Unk
Method: P4-ICP2(v3135) 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	.02178	.04381	.01196	.01958	.05291	.09638	.10834	.00672
Stddev	.00109	.00107	.00131	.00144	.00018	.00817	.00081	.00015
%RSD	5.0176	2.4507	10.983	7.3571	.34640	8.4726	.74555	2.2761
#1	.02303	.04503	.01086	.01973	.05298	.08735	.10912	.00680
#2	.02129	.04338	.01162	.01807	.05305	.09852	.10750	.00654
#3	.02102	.04302	.01342	.02094	.05270	.10326	.10840	.00681
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	2.1719	.01105	.03062	.02240	.10944	.02329	2.1102
Stddev	.00008	.0119	.00020	.00035	.00058	.00075	.00002	.0287
%RSD	1.2183	.54645	1.8151	1.1461	2.5999	.68321	.09280	1.3616
#1	.00619	2.1767	.01082	.03064	.02301	.10902	.02328	2.1388
#2	.00631	2.1806	.01113	.03095	.02234	.10900	.02332	2.1104
#3	.00617	2.1584	.01120	.03025	.02185	.11030	.02328	2.0814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04204	.01083	2.1182	.04321	.03999	2.1290	.21980	.10871
Stddev	.00030	.00026	.0083	.00015	.00028	.0163	.00175	.01753
%RSD	.70273	2.3615	.39391	.34478	.70198	.76536	.79480	16.127
#1	.04199	.01067	2.1278	.04337	.04015	2.1432	.22131	.12671
#2	.04236	.01113	2.1128	.04307	.04016	2.1112	.22020	.10772
#3	.04177	.01070	2.1141	.04320	.03967	2.1327	.21789	.09169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02108	.40808	.04124	.04122	.02262	.0200	.02181	F 2.3199
Stddev	.00152	.00235	.00063	.00079	.00004	.0005	.00009	.1530
%RSD	7.2205	.57481	1.5281	1.9231	.17937	2.448	.41733	6.5970
#1	.02147	.40621	.04110	.04143	.02259	.0203	.02177	2.2371
#2	.02237	.40730	.04192	.04189	.02260	.0195	.02192	2.4965
#3	.01940	.41071	.04068	.04035	.02266	.0203	.02175	2.2261

Sample Name: LLICV01 Acquired: 5/20/2019 15:19:16 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .63945
Stddev	.17975
%RSD	28.111

#1	.60013
#2	.83560
#3	.48260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3951.5	50091.	4453.6	55.428	4154.6
Stddev	29.4	189.	12.5	1.100	32.8
%RSD	.74283	.37812	.28129	1.9839	.78905

#1	3927.1	49886.	4448.5	56.698	4139.6
#2	3943.2	50126.	4444.5	54.782	4132.0
#3	3984.1	50260.	4467.9	54.805	4192.2

Sample Name: ICB01 Acquired: 5/20/2019 15:23:41 Type: Unk
Method: P4-ICP2(v3135) 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	-.00092	.00035	-.00011	-.00088	-.00155	-.01925	.00030	.00005
Stddev	.00166	.00071	.00120	.00262	.00134	.00838	.00030	.00005
%RSD	180.90	202.48	1119.4	296.33	86.486	43.530	97.258	92.405
#1	.00097	.00082	.00122	.00036	-.00034	-.01887	.00055	.00007
#2	-.00159	.00070	-.00044	-.00389	-.00131	-.01106	-.00002	-.00000
#3	-.00213	-.00047	-.00111	.00088	-.00299	-.02780	.00039	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00857	-.00008	.00005	-.00045	-.00024	-.00008	.01062
Stddev	.00010	.01419	.00014	.00007	.00004	.00010	.00006	.02291
%RSD	247.29	165.54	169.49	124.29	8.1964	39.714	69.543	215.63
#1	-.00011	-.01941	-.00022	-.00001	-.00042	-.00026	-.00014	-.01536
#2	-.00009	.00749	-.00009	.00012	-.00045	-.00033	-.00007	.02789
#3	.00008	-.01381	.00006	.00004	-.00049	-.00014	-.00003	.01934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00030	-.03594	.00037	-.00042	-.01319	.00002	.00293
Stddev	.00036	.00017	.00596	.00024	.00006	.01586	.00021	.00585
%RSD	809.51	55.238	16.586	63.404	13.390	120.17	903.04	199.97
#1	-.00046	.00014	-.04047	.00019	-.00037	-.01497	.00020	.00369
#2	.00013	.00028	-.02919	.00064	-.00041	.00347	-.00021	.00835
#3	.00019	.00047	-.03818	.00029	-.00048	-.02809	.00008	-.00327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	.00068	-.00091	-.00109	-.00039	-.0017	-.00006	F 2.4886
Stddev	.00270	.00074	.00037	.00055	.00114	.0016	.00004	.0338
%RSD	110.34	109.75	40.763	50.542	294.22	93.59	60.156	1.3575
#1	.00503	.00090	-.00049	-.00156	-.00043	-.0032	-.00004	2.4600
#2	.00268	.00128	-.00119	-.00124	.00077	-.0000	-.00004	2.4800
#3	-.00036	-.00015	-.00105	-.00048	-.00150	-.0019	-.00010	2.5259

Sample Name: ICB01 Acquired: 5/20/2019 15:23:41 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .57483
Stddev	.12554
%RSD	21.840

#1	.63252
#2	.43081
#3	.66115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.1	50714.	4463.7	54.422	4178.2
Stddev	9.7	61.	8.7	1.140	8.1
%RSD	.24656	.11998	.19423	2.0938	.19348

#1	3945.3	50644.	4471.2	55.714	4169.1
#2	3952.6	50743.	4465.8	53.559	4184.3
#3	3964.6	50755.	4454.2	53.993	4181.3

Sample Name: CRI01 Acquired: 5/20/2019 15:28:09 Type: Unk
 Method: P4-ICP2(v3135) 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	.02110	.04450	.01105	.01896	.05271	.09774	.10773	.00659
Stddev	.00161	.00104	.00096	.00242	.00087	.00641	.00095	.00007
%RSD	7.6466	2.3355	8.6917	12.784	1.6439	6.5558	.88495	1.1275
#1	.02223	.04396	.01107	.01651	.05239	.09042	.10853	.00665
#2	.01925	.04569	.01200	.01902	.05369	.10237	.10668	.00660
#3	.02182	.04384	.01008	.02136	.05205	.10041	.10799	.00651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00610	2.1673	.01085	.03056	.02187	.10797	.02313	2.1283
Stddev	.00003	.0262	.00022	.00001	.00047	.00066	.00017	.0248
%RSD	.43405	1.2076	2.0547	.03474	2.1522	.61260	.71391	1.1650
#1	.00610	2.1380	.01073	.03054	.02207	.10721	.02318	2.1482
#2	.00613	2.1883	.01071	.03056	.02133	.10833	.02294	2.1361
#3	.00608	2.1757	.01111	.03056	.02220	.10838	.02326	2.1005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04166	.01076	2.1081	.04276	.03976	2.0969	.21821	.10817
Stddev	.00045	.00015	.0089	.00040	.00012	.0207	.00067	.01168
%RSD	1.0753	1.3768	.42264	.94538	.29115	.98732	.30584	10.794
#1	.04130	.01073	2.1183	.04316	.03974	2.0855	.21807	.10025
#2	.04216	.01093	2.1017	.04277	.03965	2.1208	.21763	.12157
#3	.04151	.01064	2.1042	.04235	.03988	2.0845	.21894	.10268
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02056	.40239	.03906	.04049	.02117	.0176	.02164	F 2.6807
Stddev	.00221	.00147	.00080	.00175	.00247	.0003	.00020	.1495
%RSD	10.753	.36568	2.0374	4.3226	11.665	1.718	.91719	5.5782
#1	.02282	.40180	.03930	.03930	.01956	.0178	.02145	2.5670
#2	.01840	.40130	.03971	.04250	.01994	.0177	.02162	2.6250
#3	.02046	.40406	.03817	.03968	.02402	.0173	.02184	2.8501

Sample Name: CRI01 Acquired: 5/20/2019 15:28:09 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .58841
Stddev	.20684
%RSD	35.153

#1	.82644
#2	.48638
#3	.45240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.5	50656.	4474.1	55.510	4167.3
Stddev	4.4	78.	36.8	.361	4.7
%RSD	.10988	.15423	.82221	.65039	.11232

#1	3957.2	50569.	4515.5	55.914	4166.4
#2	3965.9	50721.	4461.9	55.398	4172.4
#3	3961.3	50678.	4445.0	55.218	4163.2

Sample Name: ICSA01 Acquired: 5/20/2019 15:32:34 Type: Unk
Method: P4-ICP2(v3135) 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	.00059	.00676	-.00250	-.00267	-.00099	270.40	.00706	.00257
Stddev	.00170	.00201	.00168	.00243	.00167	.82	.00044	.00008
%RSD	289.98	29.712	67.419	90.881	168.77	.30272	6.2434	3.1744
#1	-.00134	.00604	-.00296	-.00388	.00091	271.30	.00683	.00255
#2	.00124	.00904	-.00390	.00012	-.00223	270.20	.00678	.00250
#3	.00186	.00522	-.00063	-.00426	-.00165	269.70	.00757	.00266
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	244.75	.04724	-.00078	.00986	95.136	.01282	271.22
Stddev	.00009	.92	.00071	.00020	.00028	.271	.00006	.31
%RSD	3.0552	.37781	1.5075	25.455	2.8050	.28500	.43385	.11470
#1	-.00295	243.72	.04659	-.00098	.00995	94.972	.01276	270.93
#2	-.00313	245.04	.04800	-.00058	.00955	95.449	.01287	271.55
#3	-.00308	245.50	.04713	-.00078	.01008	94.988	.01281	271.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01269	-.00327	.00372	.00056	-.01242	-.02831	-.00268	-.00903
Stddev	.00027	.00086	.00293	.00006	.00025	.02095	.00028	.01046
%RSD	2.1094	26.413	78.787	10.847	2.0130	73.985	10.354	115.91
#1	-.01300	-.00322	.00082	.00054	-.01213	-.04031	-.00297	.00195
#2	-.01256	-.00243	.00669	.00063	-.01252	-.04050	-.00264	-.01888
#3	-.01251	-.00415	.00367	.00051	-.01259	-.00413	-.00242	-.01016
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02156	.00090	.00829	-.00652	.00916	.0169	-.00327	5.2980
Stddev	.00351	.00050	.00063	.00150	.00090	.0005	.00070	.0549
%RSD	16.270	55.219	7.6387	22.961	9.8722	2.821	21.293	1.0355
#1	.01758	.00123	.00890	-.00612	.00848	.0169	-.00340	5.2972
#2	.02420	.00033	.00833	-.00818	.00881	.0173	-.00389	5.3533
#3	.02291	.00113	.00763	-.00527	.01018	.0164	-.00251	5.2435

Sample Name: ICSA01 Acquired: 5/20/2019 15:32:34 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	27.566
Stddev	.051
%RSD	.18358

#1	27.625
#2	27.536
#3	27.538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.4	44373.	4297.0	50.410	3322.0
Stddev	9.3	66.	10.5	.266	6.7
%RSD	.26617	.14945	.24459	.52679	.20286

#1	3500.5	44301.	4308.0	50.423	3317.5
#2	3489.6	44388.	4296.2	50.669	3318.8
#3	3508.2	44431.	4287.0	50.138	3329.8

Sample Name: ICSAB01 Acquired: 5/20/2019 15:37:13 Type: Unk
Method: P4-ICP2(v3135) 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	.10558	.11445	.05041	.05038	.64940	264.81	.57672
Stddev	.00298	.00259	.00134	.00265	.00427	1.47	.00212
%RSD	2.8235	2.2596	2.6677	5.2651	.65766	.55384	.36705

#1	.10350	.11149	.05143	.04785	.64459	266.49	.57896
#2	.10423	.11561	.05091	.05015	.65276	263.76	.57476
#3	.10899	.11626	.04889	.05314	.65084	264.19	.57645

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57302	1.0671	239.41	.57865	.53386	.53728	92.503
Stddev	.00060	.0034	.79	.00100	.00131	.00100	.331
%RSD	.10429	.31633	.33108	.17330	.24630	.18556	.35780

#1	.57271	1.0639	238.70	.57752	.53256	.53622	92.206
#2	.57371	1.0706	240.27	.57896	.53519	.53743	92.444
#3	.57265	1.0668	239.25	.57945	.53384	.53819	92.860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55173	267.47	1.0421	.21864	-.00010	.53773	1.1264
Stddev	.00232	.20	.0020	.00135	.00838	.00205	.0032
%RSD	.42039	.07397	.19378	.61878	8773.6	.38109	.28354

#1	.54960	267.41	1.0398	.21709	-.00974	.53674	1.1230
#2	.55138	267.30	1.0430	.21951	.00536	.53637	1.1293
#3	.55420	267.69	1.0435	.21933	.00410	.54009	1.1268

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01509	F 1.2184	F 1.2614	F .02494	1.0589	F 1.2480	1.1782
Stddev	.02477	.0066	.0184	.00435	.0124	.0051	.0012
%RSD	164.11	.54590	1.4551	17.427	1.1730	.40689	.09802

#1	-.03991	1.2110	1.2787	.02050	1.0450	1.2423	1.1780
#2	.00962	1.2201	1.2421	.02513	1.0688	1.2522	1.1771
#3	-.01499	1.2240	1.2633	.02918	1.0629	1.2495	1.1794

Sample Name: ICSAB01 Acquired: 5/20/2019 15:37:13 Type: Unk
Method: P4-ICP2(v3135) 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 .00956	F .0117	F -.00228	5.6027	27.268
Stddev	.00115	.0012	.00041	.0217	.228
%RSD	12.069	10.03	18.108	.38794	.83778
#1	.01033	.0126	-.00236	5.6121	27.123
#2	.01012	.0121	-.00184	5.5778	27.532
#3	.00823	.0104	-.00265	5.6181	27.151
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.3	44653.	4363.4	51.249	3328.6
Stddev	6.4	85.	22.1	.734	10.4
%RSD	.18279	.18987	.50606	1.4318	.31122
#1	3507.2	44572.	4379.1	51.526	3323.7
#2	3504.2	44648.	4338.1	51.804	3321.7
#3	3516.5	44741.	4372.9	50.417	3340.5

Sample Name: CCV01 Acquired: 5/20/2019 15:41:37 Type: Unk
Method: P4-ICP2(v3135) 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	4.9388	5.0280	4.9558	4.9814	4.9854	9.7447	9.9428	.25147
Stddev	.0255	.0026	.0058	.0076	.0110	.0440	.0653	.00088
%RSD	.51580	.05225	.11677	.15259	.22119	.45169	.65700	.35156
#1	4.9217	5.0250	4.9523	4.9765	4.9750	9.7047	10.011	.25240
#2	4.9680	5.0296	4.9624	4.9902	4.9970	9.7376	9.9358	.25064
#3	4.9265	5.0294	4.9526	4.9776	4.9843	9.7919	9.8812	.25138
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4945	24.800	.99574	2.4956	1.2515	4.9817	2.5487	24.614
Stddev	.0041	.094	.00356	.0036	.0024	.0100	.0071	.067
%RSD	.16527	.37716	.35720	.14418	.19478	.20053	.27898	.27212
#1	2.4908	24.829	.99792	2.4947	1.2523	4.9855	2.5519	24.629
#2	2.4989	24.875	.99164	2.4995	1.2535	4.9703	2.5406	24.541
#3	2.4937	24.695	.99767	2.4925	1.2488	4.9891	2.5537	24.672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4878	1.2295	24.847	2.4918	2.4790	24.603	4.9875	4.9675
Stddev	.0018	.0019	.043	.0023	.0018	.018	.0080	.0414
%RSD	.07178	.15296	.17240	.09182	.07251	.07285	.15978	.83357
#1	2.4870	1.2299	24.800	2.4916	2.4780	24.588	4.9879	4.9773
#2	2.4898	1.2312	24.884	2.4897	2.4811	24.623	4.9953	4.9221
#3	2.4865	1.2275	24.857	2.4942	2.4779	24.598	4.9793	5.0032
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8672	4.8229	4.9269	4.9303	4.8494	4.919	4.9938	F 4.3263
Stddev	.0108	.0115	.0102	.0034	.0194	.012	.0219	.0671
%RSD	.22160	.23857	.20655	.06916	.40059	.2333	.43750	1.5500
#1	4.8597	4.8346	4.9373	4.9296	4.8432	4.916	4.9952	4.3658
#2	4.8796	4.8226	4.9265	4.9340	4.8712	4.932	5.0149	4.2488
#3	4.8623	4.8116	4.9170	4.9273	4.8339	4.909	4.9713	4.3642

Sample Name: CCV01 Acquired: 5/20/2019 15:41:37 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6051
Stddev .1132
%RSD 4.3448

#1 2.5344
#2 2.5453
#3 2.7357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.8	48509.	4427.2	52.850	3711.1
Stddev	2.0	34.	20.8	1.694	2.2
%RSD	.05340	.06960	.47017	3.2051	.05994

#1	3771.2	48479.	4408.5	52.568	3710.0
#2	3768.6	48503.	4423.4	51.315	3709.6
#3	3772.5	48546.	4449.6	54.667	3713.6

Sample Name: LLCCV01 Acquired: 5/20/2019 15:45:45 Type: Unk
Method: P4-ICP2(v3135) 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	.02027	.04537	.01279	.01885	.05211	.09674	.10763	.00665
Stddev	.00116	.00048	.00055	.00202	.00196	.00734	.00021	.00005
%RSD	5.7096	1.0618	4.3203	10.712	3.7539	7.5835	.19823	.78110
#1	.02018	.04591	.01311	.01654	.05325	.10401	.10762	.00664
#2	.01916	.04524	.01215	.01972	.04985	.09686	.10785	.00660
#3	.02147	.04497	.01311	.02028	.05324	.08934	.10743	.00670
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	2.1387	.01061	.03031	.02196	.10799	.02294	2.0885
Stddev	.00001	.0114	.00019	.00022	.00038	.00071	.00006	.0285
%RSD	.22413	.53320	1.8290	.71329	1.7388	.65887	.24830	1.3672
#1	.00618	2.1349	.01060	.03056	.02164	.10722	.02292	2.0568
#2	.00617	2.1515	.01042	.03019	.02238	.10814	.02301	2.0967
#3	.00619	2.1296	.01081	.03017	.02185	.10862	.02290	2.1121
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04169	.01117	2.0892	.04292	.03974	2.0922	.21846	.11997
Stddev	.00032	.00052	.0030	.00038	.00012	.0087	.00073	.01293
%RSD	.76988	4.6690	.14315	.88235	.29165	.41777	.33439	10.780
#1	.04134	.01060	2.0867	.04297	.03984	2.0872	.21765	.11703
#2	.04198	.01128	2.0925	.04251	.03961	2.1023	.21865	.10876
#3	.04175	.01162	2.0884	.04327	.03976	2.0871	.21908	.13412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01827	.40222	.04044	.04228	.02168	.0183	.02158	F 2.4074
Stddev	.00121	.00087	.00096	.00160	.00047	.0004	.00009	.0126
%RSD	6.6390	.21616	2.3857	3.7928	2.1450	2.121	.40555	.52177
#1	.01967	.40271	.04127	.04047	.02205	.0186	.02148	2.4091
#2	.01754	.40274	.03938	.04352	.02183	.0185	.02164	2.4190
#3	.01761	.40122	.04067	.04285	.02116	.0179	.02162	2.3941

Sample Name: LLCCV01 Acquired: 5/20/2019 15:45:45 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .29742
Stddev	.36855
%RSD	123.91

#1	.19697
#2	-.01049
#3	.70578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.2	50587.	4478.9	55.782	4160.7
Stddev	5.1	91.	12.8	1.247	11.2
%RSD	.12924	.17983	.28604	2.2349	.26929

#1	3959.3	50623.	4487.5	54.568	4148.8
#2	3950.3	50483.	4464.2	55.718	4162.2
#3	3959.1	50654.	4485.0	57.059	4171.0

Sample Name: CCB01 Acquired: 5/20/2019 15:50:11 Type: Unk
Method: P4-ICP2(v3135) 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	.00119	.00057	-.00022	-.00012	-.00018	-.01223	.00075	.00006
Stddev	.00172	.00208	.00092	.00254	.00087	.00218	.00010	.00011
%RSD	143.97	362.89	425.85	2198.6	489.34	17.787	13.339	173.15
#1	.00257	.00227	.00057	.00276	.00081	-.01353	.00083	.00010
#2	-.00073	.00120	.00001	-.00208	-.00049	-.00972	.00078	-.00006
#3	.00174	-.00175	-.00123	-.00103	-.00085	-.01345	.00064	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01492	.00002	-.00005	-.00049	-.00010	-.00021	.01106
Stddev	.00002	.01186	.00017	.00025	.00055	.00037	.00005	.06703
%RSD	61.979	79.531	922.59	465.93	111.48	389.47	25.921	606.16
#1	.00001	-.01816	.00017	.00005	-.00014	-.00031	-.00017	-.06632
#2	.00003	-.02483	-.00017	-.00033	-.00112	.00034	-.00027	.05135
#3	.00005	-.00177	.00006	.00012	-.00022	-.00031	-.00019	.04814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00016	-.04341	.00035	-.00058	-.00354	.00007	-.01022
Stddev	.00036	.00028	.00891	.00017	.00007	.04500	.00017	.01360
%RSD	136.98	181.11	20.528	48.562	11.926	1272.3	246.75	133.02
#1	-.00021	.00047	-.04319	.00055	-.00058	.02905	.00026	.00511
#2	-.00065	-.00008	-.05243	.00028	-.00065	-.05488	-.00001	-.02080
#3	.00006	.00008	-.03461	.00023	-.00052	.01522	-.00004	-.01498
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00125	-.00124	-.00067	-.00093	-.0010	-.00005	F 3.1918
Stddev	.00275	.00246	.00071	.00047	.00077	.0007	.00005	.0313
%RSD	362.05	195.71	56.791	70.301	82.285	69.98	99.478	.98087
#1	.00099	.00046	-.00198	-.00090	-.00127	-.0010	-.00002	3.2278
#2	-.00393	-.00407	-.00118	-.00013	-.00006	-.0016	-.00002	3.1706
#3	.00066	-.00016	-.00057	-.00097	-.00148	-.0003	-.00010	3.1770

Sample Name: CCB01 Acquired: 5/20/2019 15:50:11 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .35890
Stddev	.07488
%RSD	20.863

#1	.39152
#2	.27325
#3	.41193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.8	50783.	4483.2	54.783	4180.6
Stddev	11.2	165.	10.4	1.293	8.7
%RSD	.28157	.32585	.23140	2.3596	.20694

#1	3952.0	50594.	4479.9	53.877	4170.6
#2	3969.7	50853.	4494.9	56.264	4185.9
#3	3972.6	50901.	4474.9	54.209	4185.3

Sample Name: LR CHECK 1 Acquired: 5/20/2019 15:55:01 Type: Unk
Method: P4-ICP2(v3135) 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	-.05767	.01389	-.07422	-.39624	.05518	2018.6	.01327	.06710
Stddev	.00106	.00819	.00351	.00931	.00499	18.6	.00092	.00117
%RSD	1.8434	58.969	4.7256	2.3505	9.0474	.91912	6.9335	1.7417

#1	-.05646	.02081	-.07017	-.39444	.04961	2035.9	.01328	.06602
#2	-.05844	.00485	-.07635	-.40632	.05926	2020.9	.01235	.06694
#3	-.05812	.01602	-.07614	-.38796	.05667	1999.0	.01419	.06834

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09176	1732.0	-.12700	.08297	.25597	958.84	-.04764	1679.6
Stddev	.00019	4.0	.00047	.00068	.00197	1.24	.00030	4.1
%RSD	.20945	.23084	.36690	.82067	.76775	.12951	.62853	.24433

#1	.09190	1735.5	-.12702	.08369	.25630	958.18	-.04799	1682.8
#2	.09185	1727.7	-.12652	.08234	.25386	960.27	-.04751	1675.0
#3	.09154	1733.0	-.12745	.08288	.25775	958.07	-.04743	1681.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06788	-.16858	1872.3	-.00001	.15483	982.94	-.02955	-1.7925
Stddev	.00173	.00024	34.9	.00012	.00079	5.26	.00177	.0200
%RSD	2.5465	.14524	1.8625	1206.7	.51283	.53513	6.0017	1.1155

#1	-.06973	-.16884	1906.5	.00001	.15560	987.67	-.02795	-1.8103
#2	-.06632	-.16835	1873.5	.00010	.15401	983.88	-.03146	-1.7708
#3	-.06758	-.16855	1836.8	-.00014	.15487	977.28	-.02926	-1.7964

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46610	.01919	.08887	-.08062	.08136	.1637	-1.0397	4.0907
Stddev	.00642	.00073	.00134	.00309	.00212	.0035	.0014	.0686
%RSD	1.3776	3.7900	1.5101	3.8385	2.6098	2.152	.13891	1.6758

#1	.46557	.01981	.08757	-.08247	.08358	.1597	-1.0389	4.0145
#2	.47276	.01937	.09025	-.07705	.08115	.1662	-1.0414	4.1474
#3	.45995	.01839	.08878	-.08235	.07935	.1653	-1.0389	4.1103

Sample Name: LR CHECK 1 Acquired: 5/20/2019 15:55:01 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 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	2550.9	33235.	3758.3	42.389	1956.9
Stddev	2.4	49.	3.1	1.715	3.8
%RSD	.09472	.14615	.08350	4.0453	.19390

#1	2553.5	33179.	3755.2	40.562	1954.2
#2	2548.7	33261.	3758.3	43.964	1955.3
#3	2550.6	33265.	3761.5	42.641	1961.3

Sample Name: LR CHECK 2 Acquired: 5/20/2019 16:00:05 Type: Unk
Method: P4-ICP2(v3135) 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	-.00421	-.00350	239.49	.03053	-.03527	-.23273	92.971	-.00159
Stddev	.00270	.00130	1.67	.00138	.00154	.00557	.414	.00007
%RSD	64.062	37.196	.69911	4.5047	4.3553	2.3949	.44563	4.4489

#1	-.00522	-.00201	241.40	.02975	-.03694	-.23801	93.037	-.00156
#2	-.00115	-.00410	238.78	.02972	-.03496	-.22690	92.527	-.00154
#3	-.00626	-.00439	238.29	.03212	-.03391	-.23329	93.348	-.00167

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00788	.23936	-.13639	.00371	257.03	-.76867	42.176	-.05180
Stddev	.00021	.01171	.00049	.00009	2.87	.00228	.099	.03553
%RSD	2.6947	4.8906	.35959	2.3853	1.1178	.29688	.23563	68.600

#1	-.00811	.22632	-.13695	.00368	260.31	-.77061	42.080	-.06319
#2	-.00786	.24897	-.13602	.00364	255.85	-.76615	42.170	-.01197
#3	-.00768	.24278	-.13621	.00381	254.94	-.76923	42.278	-.08024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.455	.00613	1.0351	-.12526	32.940	.69061	-.01186	-.00976
Stddev	.398	.00008	.0330	.00085	.272	.01663	.00024	.01370
%RSD	.80522	1.2291	3.1859	.67786	.82448	2.4084	1.9837	140.40

#1	49.694	.00618	.99896	-.12512	33.128	.70971	-.01178	-.02504
#2	49.677	.00616	1.0428	-.12618	33.063	.67931	-.01212	-.00567
#3	48.996	.00604	1.0636	-.12450	32.629	.68281	-.01168	.00143

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02808	.00367	-.00077	.00563	-.00485	-2.370	.00308	3.5655
Stddev	.00137	.00059	.00030	.00123	.00113	.035	.00001	.1198
%RSD	4.8645	15.981	39.292	21.782	23.329	1.497	.40972	3.3602

#1	.02918	.00344	-.00078	.00447	-.00492	-2.404	.00307	3.6721
#2	.02850	.00324	-.00046	.00550	-.00595	-2.373	.00308	3.4358
#3	.02655	.00434	-.00107	.00692	-.00369	-2.333	.00309	3.5887

Sample Name: LR CHECK 2 Acquired: 5/20/2019 16:00:05 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0995
Stddev .1471
%RSD 13.375

#1 1.0606
#2 1.2621
#3 .97582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.8	51851.	4664.1	57.109	3960.4
Stddev	32.4	148.	21.4	1.668	27.0
%RSD	.86847	.28590	.45881	2.9217	.68096

#1	3706.3	51783.	4643.4	56.823	3934.1
#2	3730.5	52021.	4662.8	58.902	3959.3
#3	3770.5	51748.	4686.1	55.602	3988.0

Sample Name: K2896-03DLX10 Acquired: 5/20/2019 16:04:41 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18-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	.01982	-.00064	.28055	.00691	-.00174	11.615	.56688	.00311
Stddev	.00255	.00164	.00383	.00194	.00088	.037	.00090	.00016
%RSD	12.870	257.05	1.3641	28.100	50.375	.31884	.15928	5.2197

#1	.01860	-.00206	.28456	.00909	-.00103	11.615	.56666	.00304
#2	.01811	.00115	.28017	.00538	-.00147	11.652	.56787	.00299
#3	.02275	-.00100	.27693	.00624	-.00272	11.578	.56610	.00329

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	55.792	.35374	.01409	.21794	68.723	3.7411	14.314
Stddev	.00003	.008	.00064	.00001	.00138	.443	.0048	.112
%RSD	1.5679	.01388	.18231	.09463	.63396	.64485	.12748	.78335

#1	-.00165	55.798	.35328	.01409	.21869	68.411	3.7357	14.193
#2	-.00170	55.783	.35448	.01410	.21879	69.230	3.7429	14.336
#3	-.00167	55.795	.35346	.01407	.21635	68.529	3.7447	14.414

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08341	.00062	1.7405	.06538	.51291	1.6028	.00854	.07740
Stddev	.00071	.00039	.0336	.00002	.00033	.0562	.00018	.00889
%RSD	.85051	63.493	1.9300	.03148	.06474	3.5047	2.0929	11.483

#1	.08419	.00063	1.7033	.06540	.51329	1.5432	.00862	.07259
#2	.08321	.00101	1.7497	.06538	.51270	1.6105	.00866	.08766
#3	.08282	.00022	1.7686	.06536	.51274	1.6548	.00833	.07195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7120	.51902	.02439	.63947	.01570	1.630	.08651	3.3913
Stddev	.0051	.00189	.00081	.00161	.00154	.004	.00071	.2162
%RSD	.29581	.36378	3.3290	.25202	9.8203	.2407	.81627	6.3751

#1	1.7171	.52093	.02421	.63938	.01541	1.628	.08682	3.1675
#2	1.7118	.51716	.02528	.64112	.01737	1.635	.08570	3.4076
#3	1.7070	.51898	.02369	.63790	.01433	1.628	.08700	3.5989

Sample Name: K2896-03DLX10 Acquired: 5/20/2019 16:04:41 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-18-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.139
Stddev	.174
%RSD	.82399

#1	21.245
#2	20.938
#3	21.233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3977.9	51094.	4673.6	56.855	3911.4
Stddev	1.9	159.	24.4	.353	.8
%RSD	.04701	.31155	.52285	.62104	.02068

#1	3979.7	50959.	4645.8	56.605	3910.6
#2	3976.0	51053.	4683.2	56.700	3911.3
#3	3978.2	51270.	4691.8	57.259	3912.2

Sample Name: K2641-11 Acquired: 5/20/2019 16:09:07 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-03-051719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03545	-.01103	.58131	-.00058	.00016	149.28	.70666	.01299
Stddev	.00286	.00138	.00166	.00262	.00095	.06	.00060	.00049
%RSD	8.0709	12.499	.28528	451.03	594.20	.04087	.08440	3.7868

#1	.03315	-.01221	.58119	-.00228	.00126	149.27	.70599	.01344
#2	.03866	-.01138	.57971	.00244	-.00049	149.23	.70713	.01247
#3	.03455	-.00951	.58302	-.00191	-.00028	149.35	.70687	.01307

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	65.974	.15584	.12374	.33245	199.52	4.3067	47.592
Stddev	.00013	.234	.00048	.00013	.00092	1.35	.0167	.260
%RSD	56.954	.35408	.30568	.10761	.27574	.67832	.38741	.54534

#1	.00012	65.706	.15558	.12379	.33154	198.16	4.2962	47.350
#2	.00037	66.139	.15555	.12384	.33244	199.51	4.2981	47.558
#3	.00019	66.075	.15639	.12359	.33338	200.87	4.3260	47.866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19431	-.00679	8.9071	.42411	.83585	10.999	.00277	.11495
Stddev	.00094	.00017	.0164	.00070	.00201	.025	.00009	.00609
%RSD	.48511	2.4603	.18414	.16410	.24055	.22841	3.1299	5.2944

#1	.19347	-.00679	8.9011	.42420	.83520	10.971	.00281	.12127
#2	.19414	-.00695	8.9257	.42476	.83811	11.019	.00267	.10912
#3	.19533	-.00662	8.8946	.42337	.83425	11.006	.00284	.11446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6960	3.7690	.02945	3.1095	.12089	7.787	.08839	.20965
Stddev	.0121	.0195	.00013	.0027	.00136	.008	.00154	.22025
%RSD	.32723	.51734	.43435	.08784	1.1282	.1026	1.7471	105.06

#1	3.6824	3.7907	.02958	3.1075	.11965	7.787	.08889	-.01526
#2	3.7002	3.7529	.02932	3.1084	.12067	7.795	.08962	.42493
#3	3.7055	3.7634	.02946	3.1126	.12236	7.779	.08666	.21928

Sample Name: K2641-11 Acquired: 5/20/2019 16:09:07 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-03-051719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 69.417
 Stddev .675
 %RSD .97233

#1 68.653
 #2 69.931
 #3 69.668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4407.0	57128.	5536.7	54.052	3582.5
Stddev	7.1	92.	6.2	.119	5.2
%RSD	.16051	.16063	.11266	.22023	.14503

#1	4401.1	57041.	5540.6	54.147	3582.1
#2	4414.9	57224.	5529.5	53.918	3577.6
#3	4405.2	57119.	5540.0	54.090	3587.9

Sample Name: K2648-01 Acquired: 5/20/2019 16:13:38 Type: Unk
Method: P4-ICP2(v3135) 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	.05779	.00405	.40222	.00238	.00196	112.86	.48263	.01219
Stddev	.00113	.00093	.00055	.00386	.00102	1.39	.00532	.00059
%RSD	1.9494	22.837	.13579	162.31	52.024	1.2277	1.1024	4.8394
#1	.05829	.00300	.40207	.00632	.00174	112.58	.48166	.01246
#2	.05650	.00473	.40176	-.00140	.00307	111.63	.47786	.01152
#3	.05857	.00443	.40283	.00222	.00107	114.36	.48837	.01260
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	64.597	.20056	.09262	.30653	193.19	2.3812	31.378
Stddev	.00029	.197	.00242	.00014	.00042	3.34	.0326	.415
%RSD	11.334	.30505	1.2068	.14750	.13571	1.7310	1.3682	1.3220
#1	-.00253	64.392	.20155	.09249	.30607	193.48	2.3949	31.480
#2	-.00233	64.616	.19781	.09277	.30688	189.71	2.3440	30.922
#3	-.00291	64.785	.20234	.09260	.30664	196.38	2.4046	31.732
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11854	-.00538	3.3433	.31924	.71520	9.9295	.00248	.33583
Stddev	.00008	.00020	.0493	.00509	.00176	.1177	.00004	.00785
%RSD	.07067	3.6494	1.4747	1.5959	.24623	1.1854	1.5576	2.3384
#1	.11856	-.00556	3.3298	.32291	.71403	9.9752	.00245	.33439
#2	.11862	-.00517	3.3022	.31342	.71722	9.7958	.00247	.32880
#3	.11845	-.00543	3.3980	.32139	.71434	10.017	.00252	.34430
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3826	3.4526	.02809	1.0576	.11507	5.694	.08193	1.4941
Stddev	.0051	.0680	.00052	.0025	.00055	.012	.00438	.1384
%RSD	.21384	1.9702	1.8446	.23912	.47683	.2136	5.3410	9.2659
#1	2.3767	3.4214	.02865	1.0580	.11533	5.705	.08012	1.6290
#2	2.3858	3.5306	.02763	1.0549	.11544	5.695	.08692	1.3524
#3	2.3853	3.4058	.02799	1.0599	.11444	5.681	.07876	1.5008

Sample Name: K2648-01 Acquired: 5/20/2019 16:13:38 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 64.615
 Stddev .238
 %RSD .36781

#1 64.883
 #2 64.431
 #3 64.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.7	54687.	5194.2	54.652	3717.2
Stddev	3.5	655.	24.8	.481	4.2
%RSD	.08283	1.1973	.47744	.87946	.11351

#1	4204.0	54333.	5171.7	54.557	3719.5
#2	4209.7	55442.	5190.2	54.226	3712.3
#3	4203.4	54285.	5220.8	55.173	3719.7

Sample Name: K2648-01DUP Acquired: 5/20/2019 16:18:03 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05911	.00363	.41136	-.00053	.00233	115.81	.49437	.01260
Stddev	.00086	.00133	.00193	.00210	.00098	.49	.00267	.00011
%RSD	1.4629	36.660	.46994	395.49	42.182	.42101	.53918	.87196

#1	.05905	.00209	.40913	-.00279	.00228	115.65	.49271	.01252
#2	.06000	.00441	.41250	.00135	.00333	115.43	.49295	.01273
#3	.05827	.00438	.41246	-.00016	.00137	116.36	.49744	.01255

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	65.775	.20321	.09401	.31338	197.02	2.4326	31.943
Stddev	.00009	.215	.00085	.00005	.00187	.95	.0017	.063
%RSD	3.8350	.32677	.41816	.05462	.59821	.48311	.07082	.19727

#1	-.00250	65.958	.20418	.09400	.31211	195.93	2.4346	31.953
#2	-.00242	65.829	.20286	.09406	.31553	197.66	2.4319	31.875
#3	-.00231	65.539	.20259	.09396	.31249	197.48	2.4314	32.000

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11999	-.00578	3.3671	.32739	.72550	10.115	.00251	.33860
Stddev	.00062	.00044	.0118	.00094	.00140	.027	.00048	.00306
%RSD	.51728	7.5555	.34959	.28814	.19334	.27055	19.008	.90510

#1	.11960	-.00545	3.3564	.32670	.72430	10.091	.00303	.33715
#2	.12071	-.00561	3.3652	.32846	.72704	10.109	.00242	.34212
#3	.11966	-.00628	3.3797	.32700	.72517	10.144	.00209	.33652

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4124	3.3232	.02902	1.0648	.11739	5.769	.08216	1.6079
Stddev	.0066	.0578	.00062	.0029	.00130	.014	.00202	.1136
%RSD	.27187	1.7391	2.1446	.27684	1.1064	.2370	2.4604	7.0641

#1	2.4059	3.3866	.02942	1.0662	.11861	5.755	.08443	1.7232
#2	2.4190	3.3095	.02830	1.0668	.11602	5.783	.08148	1.6044
#3	2.4125	3.2735	.02934	1.0614	.11753	5.769	.08056	1.4961

Sample Name: K2648-01DUP Acquired: 5/20/2019 16:18:03 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	65.033
Stddev	.098
%RSD	.15109

#1	64.993
#2	64.961
#3	65.145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4164.4	53818.	5160.8	55.655	3668.6
Stddev	12.2	111.	19.3	1.507	6.1
%RSD	.29235	.20659	.37439	2.7076	.16764

#1	4165.4	53923.	5148.1	54.393	3670.5
#2	4151.7	53828.	5151.3	55.247	3661.7
#3	4176.0	53702.	5183.1	57.323	3673.5

Sample Name: K2648-01LX5 Acquired: 5/20/2019 16:22:27 Type: Unk
Method: P4-ICP2(v3135) 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	.01505	.00241	.08487	.00265	.00014	24.746	.10534	.00260
Stddev	.00243	.00083	.00022	.00348	.00075	.115	.00013	.00003
%RSD	16.125	34.459	.26490	131.43	521.76	.46385	.12585	1.0383

#1	.01231	.00300	.08470	.00606	.00097	24.660	.10548	.00261
#2	.01693	.00278	.08479	-.00090	-.00007	24.876	.10523	.00262
#3	.01592	.00146	.08513	.00279	-.00047	24.702	.10531	.00257

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	14.730	.04559	.01906	.06956	50.139	.54708	6.8784
Stddev	.00005	.062	.00022	.00011	.00016	.379	.00067	.0409
%RSD	2.3222	.41944	.48607	.55869	.23220	.75672	.12210	.59400

#1	-.00195	14.699	.04571	.01894	.06946	50.188	.54643	6.8637
#2	-.00203	14.690	.04572	.01911	.06949	50.492	.54703	6.8469
#3	-.00196	14.801	.04533	.01914	.06975	49.738	.54776	6.9246

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02358	-.00030	.75441	.07249	.14047	2.1862	.00030	.08473
Stddev	.00004	.00005	.00802	.00062	.00054	.0223	.00030	.00512
%RSD	.18720	17.614	1.0636	.84912	.38315	1.0203	98.284	6.0393

#1	.02355	-.00027	.74530	.07319	.14016	2.1672	.00011	.08249
#2	.02355	-.00036	.75753	.07224	.14110	2.2108	.00015	.08112
#3	.02363	-.00027	.76041	.07204	.14017	2.1806	.00064	.09058

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47312	.80201	.00411	.23877	.02479	1.145	.01234	3.1095
Stddev	.00034	.00374	.00077	.00333	.00103	.003	.00033	.0455
%RSD	.07246	.46580	18.716	1.3937	4.1579	.2488	2.6636	1.4628

#1	.47293	.80630	.00322	.24090	.02598	1.146	.01232	3.1577
#2	.47352	.80027	.00459	.23493	.02416	1.148	.01203	3.1034
#3	.47293	.79947	.00452	.24047	.02424	1.142	.01269	3.0674

Sample Name: K2648-01LX5 Acquired: 5/20/2019 16:22:27 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.304
Stddev	.286
%RSD	1.8682

#1	15.634
#2	15.138
#3	15.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.8	51698.	4712.6	54.703	4038.3
Stddev	16.0	183.	19.9	.667	10.5
%RSD	.39578	.35486	.42218	1.2198	.25971

#1	4029.9	51556.	4699.4	53.934	4036.5
#2	4027.3	51632.	4735.5	55.045	4028.9
#3	4056.2	51905.	4702.9	55.130	4049.6

Sample Name: K2648-01MS Acquired: 5/20/2019 16:26:55 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 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	.73745	1.9670	1.4400	1.6832	.19072	143.91	.71739	.19422	.19614
Stddev	.00080	.0014	.0024	.0080	.00192	1.08	.00649	.00067	.00045
%RSD	.10831	.07247	.16536	.47552	1.0074	.75144	.90486	.34636	.22725
#1	.73661	1.9677	1.4419	1.6895	.19249	143.00	.71067	.19344	.19569
#2	.73820	1.9654	1.4374	1.6742	.19099	145.10	.72362	.19463	.19616
#3	.73756	1.9680	1.4409	1.6860	.18868	143.62	.71787	.19457	.19658
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	80.505	.57432	.30592	.56502	207.70	2.8460	39.400	.64366	.05881
Stddev	.181	.00444	.00047	.00168	2.63	.0056	.400	.00175	.00059
%RSD	.22454	.77363	.15346	.29718	1.2642	.19694	1.0155	.27126	1.0052
#1	80.299	.57019	.30557	.56672	205.06	2.8395	39.039	.64235	.05817
#2	80.578	.57902	.30646	.56336	210.31	2.8487	39.830	.64564	.05934
#3	80.638	.57376	.30575	.56499	207.74	2.8497	39.329	.64300	.05891
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	7.0590	.64783	1.0238	21.633	.33638	.75276	2.9545	5.0143	.67573
Stddev	.0699	.00144	.0024	.175	.00068	.01097	.0143	.0490	.00172
%RSD	.98985	.22222	.23453	.81090	.20245	1.4572	.48500	.97684	.25465
#1	7.0025	.64713	1.0211	21.451	.33695	.74372	2.9494	5.0400	.67383
#2	7.1371	.64948	1.0249	21.801	.33562	.74959	2.9434	4.9579	.67718
#3	7.0373	.64687	1.0255	21.646	.33657	.76496	2.9707	5.0451	.67617
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.5762	.31872	F 11.62	.29500	1.8467	67.320			
Stddev	.0015	.00026	.03	.00315	.1095	.480			
%RSD	.09456	.08027	.2644	1.0668	5.9295	.71293			
#1	1.5754	.31871	11.65	.29830	1.7674	66.811			
#2	1.5779	.31848	11.59	.29203	1.8011	67.385			
#3	1.5753	.31899	11.62	.29467	1.9717	67.764			

Sample Name: K2648-01MS Acquired: 5/20/2019 16:26:55 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 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	4168.2	53820.	5112.0	52.627	3561.6
Stddev	10.8	273.	23.0	.641	5.3
%RSD	.25914	.50761	.44937	1.2184	.14908
#1	4158.9	53923.	5087.6	52.988	3565.2
#2	4180.1	53511.	5133.3	53.007	3564.1
#3	4165.7	54027.	5115.2	51.887	3555.5

Sample Name: K2648-01MSD Acquired: 5/20/2019 16:31:13 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 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	.72265	1.9413	1.4192	1.6523	.18916	142.04	.71091	.19227	.19339
Stddev	.00572	.0035	.0018	.0079	.00121	.79	.00462	.00004	.00076
%RSD	.79164	.18178	.12904	.47545	.63755	.55743	.65000	.02046	.39291

#1	.71613	1.9394	1.4173	1.6433	.18778	142.72	.71570	.19224	.19426
#2	.72683	1.9391	1.4194	1.6566	.18970	141.17	.70648	.19231	.19302
#3	.72499	1.9454	1.4210	1.6571	.19000	142.22	.71055	.19226	.19288

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.838	.56958	.30160	.55594	205.15	2.8229	38.643	.63485	.05802
Stddev	.482	.00131	.00050	.00125	.33	.0005	.195	.00120	.00030
%RSD	.60388	.22915	.16580	.22457	.16265	.01830	.50338	.18854	.52231

#1	79.681	.57032	.30210	.55495	204.89	2.8227	38.693	.63447	.05768
#2	80.379	.57036	.30158	.55734	205.03	2.8235	38.429	.63620	.05815
#3	79.454	.56808	.30110	.55553	205.53	2.8225	38.808	.63390	.05824

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	7.0599	.64116	1.0059	21.492	.33083	.74536	2.9099	5.1880	.66739
Stddev	.0405	.00170	.0011	.116	.00116	.01424	.0090	.0149	.00244
%RSD	.57309	.26491	.10924	.54164	.35199	1.9102	.30886	.28631	.36488

#1	7.1066	.64262	1.0071	21.623	.32984	.73518	2.9094	5.1708	.66518
#2	7.0361	.63929	1.0056	21.402	.33211	.73928	2.9191	5.1969	.67000
#3	7.0369	.64156	1.0049	21.450	.33054	.76163	2.9012	5.1962	.66699

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.5793	.31263	F 11.45	.29747	1.5055	67.064			
Stddev	.0070	.00118	.02	.00307	.0597	.374			
%RSD	.44128	.37733	.1336	1.0308	3.9681	.55766			

#1	1.5750	.31153	11.46	.29739	1.4506	66.688			
#2	1.5756	.31250	11.44	.30057	1.5691	67.069			
#3	1.5874	.31387	11.44	.29444	1.4967	67.436			

Sample Name: K2648-01MSD Acquired: 5/20/2019 16:31:13 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 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	4206.7	54329.	5138.5	54.238	3590.9
Stddev	8.8	140.	42.6	.897	10.2
%RSD	.20936	.25753	.82855	1.6530	.28480
#1	4211.5	54198.	5160.9	54.682	3581.7
#2	4196.6	54476.	5089.4	54.827	3589.0
#3	4212.1	54313.	5165.1	53.207	3601.9

Sample Name: K2648-01A Acquired: 5/20/2019 16:35:31 Type: Unk
Method: P4-ICP2(v3135) 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	.73035	1.9675	1.4325	1.6673	.18950	142.21	.71072	.19405	.19610
Stddev	.00292	.0058	.0038	.0050	.00106	.46	.00435	.00071	.00017
%RSD	.40029	.29264	.26587	.30301	.55977	.32098	.61271	.36572	.08849
#1	.72708	1.9721	1.4344	1.6646	.19006	141.73	.70632	.19487	.19591
#2	.73271	1.9611	1.4282	1.6732	.18828	142.64	.71502	.19364	.19616
#3	.73125	1.9695	1.4350	1.6642	.19017	142.26	.71081	.19363	.19624
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.161	.57389	.30577	.55990	209.09	2.8482	38.995	.64205	.05862
Stddev	.218	.00196	.00024	.00018	.68	.0071	.109	.00050	.00043
%RSD	.26873	.34223	.07722	.03228	.32436	.24986	.27899	.07830	.74201
#1	80.980	.57570	.30599	.55993	209.76	2.8564	38.937	.64262	.05812
#2	81.100	.57180	.30581	.55970	209.09	2.8442	39.120	.64170	.05879
#3	81.403	.57416	.30552	.56006	208.41	2.8440	38.927	.64181	.05894
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	7.0355	.64833	1.0195	21.562	.33375	.74810	2.9300	5.1396	.67380
Stddev	.0471	.00130	.0013	.109	.00055	.01524	.0076	.0749	.00261
%RSD	.66890	.20065	.12976	.50561	.16548	2.0368	.25950	1.4570	.38702
#1	6.9857	.64951	1.0180	21.470	.33438	.74326	2.9258	5.2050	.67671
#2	7.0792	.64694	1.0205	21.682	.33348	.73587	2.9253	5.0579	.67169
#3	7.0417	.64853	1.0200	21.535	.33339	.76517	2.9387	5.1560	.67298
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.5792	.31431	F 11.59	.29696	2.0797	67.175			
Stddev	.0035	.00235	.04	.00166	.1737	.383			
%RSD	.22233	.74777	.3074	.55901	8.3511	.56962			
#1	1.5806	.31532	11.61	.29518	2.1378	67.381			
#2	1.5818	.31162	11.55	.29726	2.2168	66.733			
#3	1.5752	.31598	11.61	.29846	1.8844	67.411			

Sample Name: K2648-01A Acquired: 5/20/2019 16:35:31 Type: Unk
Method: P4-ICP2(v3135) 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	4173.5	53812.	5044.6	52.793	3553.4
Stddev	8.3	123.	28.5	1.602	5.8
%RSD	.19829	.22904	.56420	3.0341	.16414
#1	4171.3	53707.	5013.2	53.668	3554.6
#2	4166.5	53781.	5068.7	50.944	3547.1
#3	4182.6	53948.	5051.9	53.766	3558.5

Sample Name: CCV02 Acquired: 5/20/2019 16:39:49 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14987 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8918	5.0499	4.9571	4.9423	4.9401	9.7006	9.6686	.25065
Stddev	.0129	.0047	.0041	.0057	.0129	.0052	.0601	.00034
%RSD	.26292	.09275	.08336	.11541	.26143	.05375	.62187	.13691

#1	4.8881	5.0536	4.9537	4.9388	4.9550	9.6991	9.5994	.25047
#2	4.8812	5.0447	4.9559	4.9489	4.9313	9.6963	9.7076	.25043
#3	4.9061	5.0515	4.9617	4.9392	4.9342	9.7064	9.6988	.25105

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4955	24.764	.99512	2.5001	1.2417	4.9968	2.5444	24.620
Stddev	.0038	.105	.00400	.0043	.0026	.0215	.0086	.227
%RSD	.15122	.42548	.40198	.17195	.20918	.42976	.33909	.92129

#1	2.4915	24.643	.99153	2.4957	1.2415	4.9782	2.5408	24.420
#2	2.4959	24.818	.99440	2.5002	1.2393	4.9918	2.5381	24.573
#3	2.4990	24.832	.99943	2.5043	1.2444	5.0203	2.5542	24.867

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4887	1.2253	24.604	2.4887	2.4737	24.636	4.9767	4.9450
Stddev	.0041	.0002	.111	.0076	.0044	.187	.0069	.0571
%RSD	.16504	.01709	.45141	.30352	.17926	.75722	.13933	1.1538

#1	2.4913	1.2251	24.521	2.4879	2.4703	24.497	4.9841	4.8931
#2	2.4840	1.2255	24.561	2.4816	2.4721	24.562	4.9704	4.9358
#3	2.4909	1.2254	24.730	2.4967	2.4787	24.848	4.9757	5.0061

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8621	4.8651	4.9300	4.9185	4.8037	4.917	4.9729	4.5535
Stddev	.0081	.0069	.0124	.0084	.0049	.003	.0141	.1465
%RSD	.16665	.14108	.25120	.17066	.10133	.0567	.28440	3.2180

#1	4.8543	4.8720	4.9158	4.9256	4.8083	4.914	4.9648	4.4465
#2	4.8705	4.8650	4.9385	4.9092	4.7986	4.919	4.9646	4.4934
#3	4.8614	4.8583	4.9356	4.9207	4.8043	4.919	4.9892	4.7205

Sample Name: CCV02 Acquired: 5/20/2019 16:39:49 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14987 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8994
Stddev .5749
%RSD 19.827

#1 2.2442
#2 3.1348
#3 3.3193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.1	48626.	4441.4	54.177	3725.8
Stddev	6.5	30.	7.9	1.689	3.5
%RSD	.17186	.06168	.17691	3.1169	.09452

#1	3793.2	48657.	4434.0	52.246	3722.3
#2	3806.1	48625.	4440.7	54.906	3729.3
#3	3801.1	48597.	4449.6	55.378	3725.9

Sample Name: CCB02 Acquired: 5/20/2019 16:43:57 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14987 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	.00094	F .00467	-.00037	-.00040	-.01176	.00109	.00009
Stddev	.00211	.00015	.00040	.00315	.00065	.00395	.00063	.00006
%RSD	241.25	16.056	8.4862	858.61	163.11	33.615	58.133	66.873
#1	-.00074	.00109	.00426	-.00400	-.00039	-.01078	.00128	.00015
#2	.00117	.00096	.00505	.00138	.00025	-.00839	.00038	.00005
#3	-.00305	.00078	.00469	.00152	-.00106	-.01611	.00160	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00159	-.00028	.00009	-.00018	.00073	-.00013	-.00121
Stddev	.00006	.00281	.00004	.00008	.00010	.00028	.00010	.01791
%RSD	163.51	177.20	14.473	94.241	54.961	37.951	75.096	1479.3
#1	.00010	.00116	-.00027	.00016	-.00019	.00096	-.00012	.01032
#2	.00004	-.00446	-.00032	.00010	-.00008	.00081	-.00024	-.02184
#3	-.00002	-.00146	-.00025	-.00000	-.00027	.00042	-.00004	.00789
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00025	.00530	.00040	.00012	.03422	.00030	-.00094
Stddev	.00019	.00023	.00411	.00032	.00009	.01486	.00002	.00362
%RSD	350.72	91.636	77.528	79.726	73.366	43.426	7.3681	384.15
#1	-.00008	.00008	.00218	.00073	.00022	.02979	.00033	.00302
#2	.00027	.00016	.00377	.00036	.00007	.05079	.00030	-.00177
#3	-.00003	.00051	.00996	.00010	.00007	.02207	.00028	-.00408
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	.00538	.00006	-.00053	.00053	-.0009	.00012	F 3.2932
Stddev	.00072	.00286	.00068	.00154	.00222	.0004	.00005	.1306
%RSD	23.289	53.057	1077.0	290.09	421.09	45.62	42.279	3.9646
#1	.00393	.00607	.00084	-.00031	-.00182	-.0010	.00015	3.4161
#2	.00257	.00784	-.00045	-.00216	.00082	-.0013	.00014	3.3072
#3	.00282	.00225	-.00019	.00089	.00259	-.0005	.00006	3.1562

Sample Name: CCB02 Acquired: 5/20/2019 16:43:57 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14987 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .50755
Stddev	.08369
%RSD	16.489

#1	.51712
#2	.41948
#3	.58604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.0	50925.	4452.1	56.052	4184.8
Stddev	12.6	166.	20.7	1.651	14.5
%RSD	.31715	.32591	.46525	2.9459	.34704

#1	3949.6	50747.	4476.0	56.645	4168.5
#2	3969.5	51075.	4438.3	54.186	4196.1
#3	3972.9	50953.	4442.1	57.325	4189.9

Sample Name: PB119875BL Acquired: 5/20/2019 16:48:26 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119875BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00138	F .00432	-.00178	-.00072	-.01085	.00070	.00005
Stddev	.00103	.00054	.00084	.00172	.00164	.00866	.00017	.00005
%RSD	427.72	38.663	19.330	96.641	227.70	79.758	25.077	85.946
#1	.00014	.00077	.00356	-.00275	-.00249	-.02010	.00050	.00011
#2	-.00141	.00174	.00419	-.00280	-.00040	-.00294	.00076	.00005
#3	.00054	.00164	.00521	.00021	.00073	-.00952	.00083	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01318	-.00018	.00020	-.00045	-.00007	-.00014	-.00022
Stddev	.00003	.01209	.00038	.00015	.00016	.00039	.00002	.03153
%RSD	298.49	91.739	218.21	74.600	35.714	570.51	12.722	14361.
#1	-.00002	-.00887	.00014	.00003	-.00027	-.00052	-.00014	.03531
#2	.00001	-.00383	-.00061	.00026	-.00058	.00010	-.00015	-.01106
#3	.00003	-.02683	-.00006	.00031	-.00050	.00021	-.00012	-.02490
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00026	-.00714	.00048	-.00003	.02751	-.00022	-.00347
Stddev	.00009	.00020	.00667	.00065	.00007	.00902	.00004	.00559
%RSD	44.558	78.304	93.436	134.99	201.80	32.797	18.707	161.29
#1	-.00012	-.00005	-.01485	.00119	-.00008	.01716	-.00024	.00127
#2	-.00030	-.00028	-.00334	.00036	-.00007	.03163	-.00017	-.00204
#3	-.00020	-.00046	-.00324	-.00010	.00005	.03373	-.00024	-.00963
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00000	-.00141	-.00282	-.00078	-.0008	-.00005	F 3.3105
Stddev	.00082	.00239	.00097	.00056	.00207	.0001	.00004	.0415
%RSD	121.88	58310.	68.479	19.891	264.43	8.628	73.474	1.2531
#1	-.00025	.00085	-.00128	-.00277	.00013	-.0008	-.00008	3.3239
#2	.00133	-.00269	-.00051	-.00341	-.00315	-.0008	-.00001	3.3437
#3	.00095	.00185	-.00243	-.00229	.00067	-.0009	-.00006	3.2640

Sample Name: PB119875BL Acquired: 5/20/2019 16:48:26 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119875BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .68998
Stddev	.15995
%RSD	23.182

#1	.84527
#2	.52574
#3	.69891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3968.5	51081.	4488.2	56.168	4179.5
Stddev	17.2	23.	17.7	1.071	19.8
%RSD	.43403	.04406	.39331	1.9071	.47285

#1	3953.7	51105.	4475.9	55.845	4157.7
#2	3964.4	51076.	4508.4	57.364	4184.8
#3	3987.4	51061.	4480.3	55.295	4196.1

Sample Name: PB119875BS Acquired: 5/20/2019 16:52:55 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119875BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74748	2.0258	.98477	1.9047	.76558	1.9023	.20129
Stddev	.00407	.0115	.00457	.0069	.00053	.0024	.00112
%RSD	.54404	.56902	.46375	.36494	.06976	.12548	.55579

#1	.74288	2.0134	.98097	1.8970	.76503	1.9047	.20091
#2	.75059	2.0278	.98350	1.9067	.76561	1.9025	.20255
#3	.74897	2.0362	.98983	1.9104	.76609	1.8999	.20042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19266	.19308	1.0572	.41836	.20307	.31357	3.1478
Stddev	.00073	.00049	.0117	.00180	.00021	.00052	.0102
%RSD	.38040	.25490	1.1054	.42952	.10194	.16481	.32447

#1	.19256	.19340	1.0442	.41630	.20284	.31326	3.1395
#2	.19198	.19251	1.0670	.41915	.20313	.31417	3.1447
#3	.19343	.19332	1.0603	.41963	.20324	.31329	3.1592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21182	1.9641	.50358	.07069	3.0276	.30976	.19188
Stddev	.00014	.0292	.00147	.00011	.0227	.00112	.00079
%RSD	.06838	1.4886	.29204	.14875	.74944	.36189	.41302

#1	.21195	1.9467	.50331	.07067	3.0086	.31057	.19144
#2	.21166	1.9979	.50226	.07059	3.0527	.30848	.19141
#3	.21186	1.9478	.50516	.07080	3.0217	.31022	.19280

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9654	.41067	.29631	F .00153	.87065	.67545	.19888
Stddev	.0292	.00121	.00860	.00222	.00648	.00409	.00147
%RSD	.29317	.29364	2.9023	144.95	.74446	.60548	.73951

#1	9.9448	.40977	.28655	.00218	.86815	.67422	.19731
#2	9.9988	.41204	.30280	.00335	.86578	.67211	.20022
#3	9.9525	.41019	.29957	-.00094	.87800	.68001	.19912

Sample Name: PB119875BS Acquired: 5/20/2019 16:52:55 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119875BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20406	5.380	.20249	F 3.5356	F<.00000
Stddev	.00225	.010	.00053	.0350	.35711
%RSD	1.1030	.1788	.25963	.98884	244.53

#1	.20220	5.373	.20217	3.4970	.11928
#2	.20342	5.376	.20220	3.5651	-.55208
#3	.20656	5.391	.20310	3.5447	-.00533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3891.4	50224.	4396.7	54.056	4039.0
Stddev	10.4	39.	28.2	.495	4.4
%RSD	.26789	.07738	.64181	.91504	.10838

#1	3890.9	50264.	4413.2	53.998	4034.2
#2	3881.3	50186.	4412.8	54.577	4042.7
#3	3902.1	50223.	4364.1	53.593	4040.2

Sample Name: PB119882BL Acquired: 5/20/2019 16:57:03 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119882BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	.00034	F .00419	-.00131	-.00002	-.00716	.00052	.00011
Stddev	.00052	.00089	.00066	.00407	.00084	.00812	.00033	.00007
%RSD	51.159	260.19	15.730	310.79	3892.7	113.40	64.687	59.432

#1	-.00102	-.00062	.00487	-.00524	-.00096	.00172	.00083	.00016
#2	-.00050	.00112	.00355	-.00157	.00065	-.00900	.00017	.00013
#3	-.00154	.00053	.00416	.00288	.00024	-.01421	.00055	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00961	.00014	.00009	-.00061	-.00036	-.00010	.01761
Stddev	.00005	.01234	.00009	.00018	.00011	.00036	.00002	.02784
%RSD	604.33	128.36	65.907	204.87	17.488	100.78	17.012	158.05

#1	.00001	-.02343	.00018	.00024	-.00072	-.00045	-.00008	-.01389
#2	-.00007	.00032	.00020	-.00011	-.00059	.00004	-.00010	.03891
#3	.00003	-.00573	.00003	.00013	-.00052	-.00067	-.00012	.02782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00052	-.01978	.00018	-.00015	.02966	-.00013	-.00602
Stddev	.00009	.00007	.00728	.00020	.00011	.02156	.00014	.00228
%RSD	194.68	13.465	36.803	110.57	72.353	72.688	108.38	37.875

#1	.00013	.00056	-.02676	.00040	-.00002	.04064	-.00016	-.00697
#2	-.00005	.00057	-.02033	.00002	-.00020	.04351	-.00024	-.00342
#3	.00005	.00044	-.01223	.00011	-.00021	.00482	.00003	-.00767

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00088	-.00246	-.00309	-.00011	.0011	-.00004	F 2.8297
Stddev	.00170	.00322	.00029	.00123	.00064	.0010	.00002	.2732
%RSD	654.25	366.70	11.924	39.703	589.65	98.08	54.508	9.6538

#1	.00107	-.00262	-.00273	-.00176	.00058	.0014	-.00003	2.7936
#2	.00034	.00372	-.00215	-.00335	-.00021	.0018	-.00002	3.1191
#3	-.00218	.00152	-.00250	-.00417	-.00070	-.0001	-.00007	2.5764

Sample Name: PB119882BL Acquired: 5/20/2019 16:57:03 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119882BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .36918
Stddev	.13699
%RSD	37.107

#1	.41336
#2	.47863
#3	.21555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3968.2	51129.	4454.6	54.548	4196.1
Stddev	15.0	395.	8.4	1.423	14.5
%RSD	.37789	.77261	.18956	2.6085	.34600

#1	3952.7	50701.	4446.1	54.061	4179.5
#2	3969.3	51207.	4454.8	53.432	4202.6
#3	3982.6	51480.	4463.0	56.150	4206.3

Sample Name: PB119882BS Acquired: 5/20/2019 17:01:31 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119882BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75128	1.9907	.97398	1.9130	.78055	1.9435	.20537
Stddev	.00077	.0050	.00153	.0022	.00093	.0073	.00066
%RSD	.10201	.24996	.15717	.11717	.11929	.37727	.32219
#1	.75155	1.9912	.97228	1.9125	.78006	1.9440	.20471
#2	.75042	1.9854	.97441	1.9154	.78162	1.9359	.20538
#3	.75188	1.9953	.97525	1.9110	.77996	1.9505	.20603
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19155	.19128	1.0620	.41739	.20232	.31565	3.1199
Stddev	.00023	.00032	.0117	.00037	.00045	.00094	.0057
%RSD	.12000	.16539	1.1043	.08813	.22062	.29908	.18144
#1	.19159	.19156	1.0753	.41768	.20209	.31476	3.1137
#2	.19130	.19093	1.0531	.41753	.20283	.31555	3.1249
#3	.19175	.19134	1.0576	.41698	.20203	.31664	3.1209
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21200	1.9903	.50070	.07127	3.0636	.31203	.20134
Stddev	.00087	.0832	.00065	.00036	.0129	.00108	.00025
%RSD	.41177	4.1789	.12953	.51059	.42184	.34746	.12503
#1	.21099	1.9244	.50061	.07145	3.0607	.31108	.20105
#2	.21248	2.0837	.50010	.07151	3.0524	.31321	.20154
#3	.21253	1.9627	.50139	.07085	3.0778	.31179	.20141
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9994	.41939	.27997	F .00049	.86816	.67540	.20209
Stddev	.0427	.00050	.00552	.00126	.00212	.00163	.00045
%RSD	.42729	.11847	1.9712	254.91	.24406	.24134	.22173
#1	10.009	.41898	.28634	-.00072	.87034	.67377	.20261
#2	9.9526	.41995	.27678	.00040	.86805	.67540	.20183
#3	10.036	.41925	.27679	.00179	.86610	.67703	.20183

Sample Name: PB119882BS Acquired: 5/20/2019 17:01:31 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119882BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20481	5.318	.20395	F 2.9535	F<.00000
Stddev	.00142	.011	.00042	.2487	.26916
%RSD	.69441	.2142	.20611	8.4197	89.244
#1	.20329	5.305	.20443	2.9959	-.00533
#2	.20506	5.327	.20379	3.1782	-.53108
#3	.20610	5.322	.20364	2.6863	-.36840
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.3	51003.	4532.7	55.298	4085.4
Stddev	14.1	58.	18.6	1.878	10.9
%RSD	.36179	.11283	.41139	3.3958	.26650
#1	3888.2	50946.	4524.1	54.793	4074.0
#2	3902.3	51000.	4519.9	53.725	4086.7
#3	3916.4	51061.	4554.1	57.377	4095.6

Sample Name: PB119883TB Acquired: 5/20/2019 17:05:38 Type: Unk
Method: P4-ICP2(v3135) 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	-.00103	-.00308	.00136	.00056	.00033	-.00398	.00044	-.00003
Stddev	.00191	.00077	.00088	.00187	.00042	.00672	.00019	.00005
%RSD	185.01	24.875	64.692	334.24	128.63	168.81	43.506	183.61
#1	.00113	-.00394	.00146	.00259	.00019	-.00389	.00064	.00003
#2	-.00248	-.00246	.00044	-.00109	-.00001	-.01074	.00025	-.00006
#3	-.00175	-.00285	.00219	.00018	.00079	.00269	.00044	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.04499	.00026	-.00015	.00005	.00161	-.00016	.02218
Stddev	.00006	.00854	.00010	.00029	.00052	.00052	.00005	.05097
%RSD	35.012	18.973	37.837	193.90	1073.8	32.381	28.291	229.80
#1	-.00015	.03619	.00031	.00018	.00054	.00204	-.00011	.04654
#2	-.00023	.05324	.00014	-.00037	-.00049	.00103	-.00017	.05640
#3	-.00012	.04554	.00032	-.00026	.00009	.00176	-.00021	-.03640
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00183	F 325.27	-.00009	F .02141	.07923	.00026	-.00650
Stddev	.00037	.00029	1.58	.00037	.00024	.02285	.00041	.01723
%RSD	23.793	15.699	.48671	389.08	1.1109	28.846	157.83	265.20
#1	.00195	.00174	325.88	-.00046	.02144	.06995	.00014	-.00368
#2	.00120	.00215	326.45	.00027	.02116	.06247	.00071	-.02496
#3	.00157	.00160	323.47	-.00009	.02164	.10526	-.00008	.00915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00865	.00266	-.00027	-.00167	-.00091	.0024	-.00001	4.3949
Stddev	.00178	.00082	.00064	.00044	.00187	.0005	.00008	.1447
%RSD	20.514	30.918	237.87	26.142	205.35	21.95	540.17	3.2919
#1	.00737	.00296	-.00046	-.00119	.00030	.0030	-.00010	4.2279
#2	.00791	.00330	-.00080	-.00177	-.00307	.0021	.00005	4.4836
#3	.01068	.00173	.00045	-.00205	.00003	.0022	.00000	4.4731

Sample Name: PB119883TB Acquired: 5/20/2019 17:05:38 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.80935
Stddev	.25720
%RSD	31.778

#1	.69257
#2	1.1042
#3	.63126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.8	47525.	4510.6	54.320	3674.7
Stddev	14.2	135.	16.6	1.308	15.0
%RSD	.38285	.28361	.36894	2.4073	.40935

#1	3706.5	47393.	4520.4	53.295	3659.8
#2	3734.8	47519.	4491.4	53.873	3689.9
#3	3718.1	47662.	4520.1	55.793	3674.4

Sample Name: PB119883BL Acquired: 5/20/2019 17:10:14 Type: Unk
Method: P4-ICP2(v3135) 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	.00020	.00037	.00250	-.00151	.00064	-.00954	.00042	.00010
Stddev	.00219	.00080	.00051	.00066	.00085	.00493	.00030	.00003
%RSD	1083.8	213.38	20.485	43.965	132.59	51.691	72.037	34.548
#1	-.00116	.00129	.00195	-.00089	-.00030	-.01041	.00024	.00012
#2	.00273	-.00005	.00258	-.00221	.00135	-.00423	.00077	.00006
#3	-.00096	-.00012	.00296	-.00142	.00086	-.01399	.00025	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01224	-.00018	.00000	-.00062	.00350	-.00005	.01647
Stddev	.00001	.00772	.00006	.00013	.00051	.00005	.00005	.03009
%RSD	15.437	63.113	31.696	5943.8	82.706	1.4007	89.506	182.76
#1	-.00005	-.00332	-.00014	-.00005	-.00117	.00348	-.00008	-.01666
#2	-.00006	-.01676	-.00025	.00015	-.00016	.00347	.00000	.04212
#3	-.00005	-.01663	-.00016	-.00009	-.00052	.00356	-.00007	.02393
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00003	.07264	.00032	-.00029	.03560	-.00002	.00396
Stddev	.00038	.00021	.00559	.00044	.00005	.00796	.00010	.01185
%RSD	161.24	671.80	7.7021	137.20	16.105	22.362	417.82	299.14
#1	-.00020	-.00026	.06625	.00043	-.00025	.04403	.00007	.00995
#2	.00041	.00002	.07667	-.00016	-.00034	.03457	-.00002	-.00969
#3	.00050	.00015	.07500	.00070	-.00029	.02821	-.00012	.01162
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00250	-.00310	-.00279	.00083	.0004	-.00005	F 2.5772
Stddev	.00083	.00032	.00027	.00220	.00047	.0003	.00017	.1610
%RSD	68.404	12.959	8.7657	78.776	56.239	66.45	331.88	6.2482
#1	.00138	-.00280	-.00296	-.00430	.00029	.0006	.00012	2.5045
#2	.00031	-.00253	-.00342	-.00381	.00114	.0005	-.00021	2.4653
#3	.00195	-.00216	-.00293	-.00027	.00105	.0001	-.00006	2.7618

Sample Name: PB119883BL Acquired: 5/20/2019 17:10:14 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .67382
Stddev	.10537
%RSD	15.638

#1	.64730
#2	.78992
#3	.58424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.0	51751.	4568.2	55.995	4222.2
Stddev	8.1	76.	16.4	1.252	8.0
%RSD	.20214	.14692	.35915	2.2351	.19042

#1	4005.3	51823.	4552.3	54.993	4218.6
#2	4003.3	51671.	4585.1	55.593	4216.7
#3	4018.3	51759.	4567.1	57.398	4231.5

Sample Name: PB119883BS Acquired: 5/20/2019 17:14:40 Type: Unk
Method: P4-ICP2(v3135) 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	.71823	1.9014	.93112	1.8325	.75017	1.8390	.19625
Stddev	.00192	.0031	.00200	.0110	.00187	.0178	.00118
%RSD	.26754	.16323	.21454	.59792	.24873	.96741	.60113

#1	.72045	1.9036	.93281	1.8422	.75178	1.8439	.19749
#2	.71700	1.9027	.93164	1.8348	.75062	1.8192	.19514
#3	.71725	1.8978	.92892	1.8206	.74812	1.8538	.19613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18300	.18284	1.0107	.39908	.19246	.30098	2.9736
Stddev	.00027	.00023	.0114	.00159	.00035	.00107	.0053
%RSD	.14813	.12555	1.1319	.39810	.18387	.35640	.17718

#1	.18305	.18304	1.0002	.40044	.19282	.30215	2.9771
#2	.18324	.18259	1.0229	.39734	.19212	.30075	2.9762
#3	.18271	.18289	1.0091	.39947	.19245	.30004	2.9676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20205	1.8919	.47825	.06836	2.9428	.29813	.18185
Stddev	.00058	.0623	.00134	.00085	.0251	.00059	.00018
%RSD	.28709	3.2949	.27950	1.2376	.85407	.19684	.10091

#1	.20138	1.8389	.47824	.06933	2.9659	.29845	.18200
#2	.20245	1.8763	.47959	.06778	2.9161	.29745	.18190
#3	.20231	1.9606	.47691	.06797	2.9465	.29848	.18164

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6296	.40336	.29114	F -.00359	.83170	.64861	.19383
Stddev	.0774	.00121	.00677	.00264	.00221	.00061	.00321
%RSD	.80362	.29967	2.3271	73.566	.26619	.09341	1.6547

#1	9.6367	.40474	.28539	-.00147	.82953	.64791	.19096
#2	9.5489	.40248	.28941	-.00655	.83395	.64893	.19730
#3	9.7032	.40286	.29861	-.00275	.83162	.64898	.19324

Sample Name: PB119883BS Acquired: 5/20/2019 17:14:40 Type: Unk
 Method: P4-ICP2(v3135) 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	.19544	5.101	.19306	F 3.1241	F<.00000
Stddev	.00360	.007	.00064	.0416	.25071
%RSD	1.8435	.1407	.33180	1.3330	171.18

#1	.19336	5.103	.19311	3.0794	.06884
#2	.19960	5.107	.19240	3.1308	-.42170
#3	.19337	5.093	.19368	3.1619	-.08652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3887.0	50945.	4524.8	54.749	4075.6
Stddev	12.3	289.	28.4	1.724	8.0
%RSD	.31703	.56798	.62700	3.1489	.19605

#1	3874.4	50613.	4539.9	56.539	4073.4
#2	3887.4	51146.	4492.1	53.099	4069.0
#3	3899.1	51075.	4542.5	54.609	4084.5

Sample Name: PB119882TB Acquired: 5/20/2019 17:18:47 Type: Unk
Method: P4-ICP2(v3135) 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	-.00161	-.00336	.00146	.00301	-.00081	-.01076	.00019	-.00001
Stddev	.00125	.00091	.00104	.00182	.00080	.01279	.00027	.00003
%RSD	77.461	27.225	71.623	60.409	98.431	118.83	142.69	252.06
#1	-.00017	-.00374	.00033	.00142	-.00158	-.00713	.00044	.00001
#2	-.00229	-.00232	.00166	.00499	.00001	-.02497	.00024	-.00000
#3	-.00237	-.00402	.00238	.00261	-.00086	-.00018	-.00010	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00683	.00032	-.00019	-.00002	.00167	-.00020	.04036
Stddev	.00003	.00961	.00036	.00010	.00036	.00086	.00003	.05356
%RSD	22.394	140.69	111.43	49.509	1599.4	51.615	13.312	132.72
#1	-.00013	-.00216	.00073	-.00020	-.00019	.00243	-.00021	.06393
#2	-.00019	.00570	.00019	-.00029	-.00027	.00185	-.00022	-.02095
#3	-.00014	.01696	.00005	-.00009	.00039	.00073	-.00017	.07809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.00161	F 319.25	.00012	.00230	.07861	.00036	.00847
Stddev	.00013	.00036	2.26	.00008	.00003	.04226	.00028	.00743
%RSD	8.8594	22.115	.70636	65.210	1.4275	53.761	79.725	87.662
#1	.00138	.00121	320.64	.00014	.00226	.06405	.00032	.00387
#2	.00136	.00173	316.65	.00018	.00232	.04556	.00009	.00451
#3	.00159	.00190	320.47	.00003	.00231	.12623	.00066	.01704
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00920	.00143	-.00192	-.00061	-.00058	.0008	-.00003	4.5218
Stddev	.00192	.00143	.00064	.00126	.00110	.0013	.00009	.2080
%RSD	20.827	99.865	33.098	207.13	188.29	166.2	285.78	4.6001
#1	.00947	.00003	-.00143	-.00104	.00036	.0021	-.00014	4.6576
#2	.01096	.00288	-.00170	.00081	-.00179	.0007	-.00001	4.6255
#3	.00716	.00138	-.00264	-.00160	-.00032	-.0005	.00005	4.2823

Sample Name: PB119882TB Acquired: 5/20/2019 17:18:47 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .79807
Stddev .25972
%RSD 32.544

#1 .91330
#2 .98024
#3 .50067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.7	47538.	4498.0	54.909	3672.3
Stddev	9.9	252.	34.9	1.764	12.4
%RSD	.26723	.53007	.77655	3.2121	.33883

#1	3728.4	47402.	4484.2	53.980	3681.7
#2	3709.5	47829.	4537.7	56.943	3658.2
#3	3724.3	47384.	4472.0	53.805	3677.0

Sample Name: PB119885BL Acquired: 5/20/2019 17:23:24 Type: Unk
Method: P4-ICP2(v3135) 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	.00080	.00060	.00192	-.00169	-.00096	-.01698	.00049	-.00005
Stddev	.00249	.00073	.00051	.00183	.00057	.00566	.00046	.00006
%RSD	309.38	121.74	26.612	108.21	58.914	33.313	94.049	131.63
#1	.00078	.00016	.00202	-.00326	-.00087	-.01492	.00101	.00002
#2	-.00167	.00019	.00137	.00032	-.00157	-.02338	.00019	-.00009
#3	.00331	.00144	.00238	-.00214	-.00044	-.01264	.00026	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00215	-.00030	.00009	-.00058	-.00035	-.00016	.01181
Stddev	.00002	.00275	.00051	.00006	.00016	.00052	.00005	.00793
%RSD	35.693	128.12	171.04	68.511	27.741	145.88	33.850	67.148
#1	-.00005	-.00525	-.00085	.00006	-.00046	-.00093	-.00016	.02028
#2	-.00004	-.00001	.00013	.00005	-.00052	.00007	-.00022	.00457
#3	-.00008	-.00118	-.00016	.00016	-.00077	-.00020	-.00011	.01058
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00014	.08115	.00021	-.00035	.01121	.00004	.00476
Stddev	.00011	.00021	.00812	.00026	.00012	.05399	.00019	.02126
%RSD	51.937	147.08	10.008	123.38	33.896	481.54	514.38	446.62
#1	.00014	-.00001	.07548	.00031	-.00048	-.02616	.00024	.00291
#2	.00035	-.00039	.07751	.00041	-.00025	.07311	-.00013	-.01551
#3	.00016	-.00003	.09045	-.00008	-.00032	-.01331	-.00000	.02688
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	-.00210	-.00285	-.00194	-.00036	.0019	-.00006	F 2.5115
Stddev	.00100	.00238	.00040	.00207	.00034	.0002	.00006	.0897
%RSD	74.048	113.18	14.030	106.95	93.506	8.284	107.36	3.5704
#1	-.00144	.00037	-.00330	-.00094	-.00072	.0018	-.00006	2.5404
#2	-.00031	-.00438	-.00272	-.00431	-.00004	.0021	-.00011	2.5831
#3	-.00230	-.00230	-.00253	-.00055	-.00032	.0018	.00001	2.4109

Sample Name: PB119885BL Acquired: 5/20/2019 17:23:24 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .76730
Stddev	.11755
%RSD	15.320

#1	.63220
#2	.84618
#3	.82353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4003.0	51784.	4563.6	55.535	4223.6
Stddev	9.9	182.	17.8	1.131	16.0
%RSD	.24690	.35106	.39053	2.0356	.37870

#1	3992.1	51937.	4560.8	56.752	4224.9
#2	4011.4	51832.	4582.7	54.518	4239.0
#3	4005.5	51583.	4547.4	55.334	4207.1

Sample Name: PB119885BS Acquired: 5/20/2019 17:27:52 Type: Unk
Method: P4-ICP2(v3135) 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	.75524	2.0132	.98548	1.9214	.77772	1.9280	.20382
Stddev	.00315	.0023	.00191	.0128	.00429	.0060	.00054
%RSD	.41713	.11457	.19370	.66640	.55172	.31225	.26491

#1	.75650	2.0111	.98394	1.9354	.78238	1.9211	.20325
#2	.75166	2.0157	.98489	1.9184	.77393	1.9305	.20432
#3	.75757	2.0129	.98762	1.9103	.77686	1.9324	.20390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19329	.19247	1.0648	.41809	.20405	.31536	3.1399
Stddev	.00009	.00055	.0101	.00041	.00032	.00148	.0077
%RSD	.04878	.28760	.95089	.09788	.15522	.46919	.24671

#1	.19335	.19226	1.0748	.41826	.20368	.31692	3.1346
#2	.19319	.19309	1.0649	.41838	.20424	.31518	3.1488
#3	.19334	.19204	1.0546	.41762	.20423	.31397	3.1362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21332	1.9506	.50449	.07175	3.0689	.31190	.19862
Stddev	.00065	.0495	.00040	.00046	.0146	.00141	.00053
%RSD	.30583	2.5390	.07911	.64605	.47620	.45257	.26621

#1	.21390	1.9119	.50403	.07224	3.0557	.31264	.19805
#2	.21262	2.0064	.50478	.07131	3.0846	.31280	.19909
#3	.21346	1.9335	.50466	.07169	3.0664	.31028	.19872

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9812	.41634	.29782	F -.00011	.87102	.67897	.20312
Stddev	.0670	.00124	.00888	.00115	.00775	.00282	.00125
%RSD	.67159	.29665	2.9821	1054.4	.88974	.41584	.61420

#1	9.9549	.41771	.29856	.00094	.86290	.68056	.20288
#2	10.057	.41600	.30630	-.00134	.87180	.68063	.20447
#3	9.9313	.41531	.28858	.00007	.87834	.67571	.20201

Sample Name: PB119885BS Acquired: 5/20/2019 17:27:52 Type: Unk
 Method: P4-ICP2(v3135) 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	.20461	F 5.387	.20313	F 3.4451	F<.00000
Stddev	.00116	.007	.00082	.1573	.08794
%RSD	.56822	.1345	.40142	4.5657	103.81
#1	.20327	5.384	.20311	3.6259	-.06197
#2	.20523	5.395	.20395	3.3696	-.01037
#3	.20534	5.381	.20232	3.3398	-.18179
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3890.1	51003.	4498.5	56.189	4051.8
Stddev	22.5	67.	9.4	.903	6.7
%RSD	.57902	.13094	.20837	1.6076	.16434
#1	3865.2	50970.	4508.8	55.207	4047.1
#2	3896.3	50960.	4490.3	56.377	4048.9
#3	3908.9	51080.	4496.5	56.984	4059.4

Sample Name: CCV03 Acquired: 5/20/2019 17:31:59 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14988 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9164	5.0374	4.9238	4.9465	4.9289	9.6774	9.8326	.25046
Stddev	.0100	.0107	.0080	.0072	.0134	.0212	.0614	.00063
%RSD	.20376	.21285	.16328	.14591	.27222	.21883	.62498	.25102
#1	4.9268	5.0493	4.9330	4.9544	4.9424	9.6997	9.7620	.25030
#2	4.9068	5.0286	4.9206	4.9403	4.9156	9.6750	9.8616	.24993
#3	4.9157	5.0344	4.9179	4.9449	4.9286	9.6575	9.8741	.25116
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4777	24.859	.99024	2.4797	1.2374	4.9566	2.5373	24.624
Stddev	.0074	.161	.00114	.0080	.0023	.0062	.0010	.102
%RSD	.29862	.64685	.11488	.32067	.18825	.12493	.03916	.41307
#1	2.4862	24.680	.98902	2.4889	1.2401	4.9613	2.5384	24.699
#2	2.4730	24.991	.99128	2.4757	1.2363	4.9590	2.5365	24.666
#3	2.4738	24.906	.99043	2.4745	1.2358	4.9496	2.5370	24.508
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4760	1.2279	24.685	2.4871	2.4733	24.799	4.9884	4.9888
Stddev	.0062	.0022	.066	.0013	.0058	.064	.0096	.0120
%RSD	.24840	.17871	.26893	.05124	.23503	.25837	.19162	.23977
#1	2.4831	1.2255	24.720	2.4860	2.4799	24.789	4.9896	5.0021
#2	2.4718	1.2287	24.726	2.4885	2.4692	24.867	4.9783	4.9852
#3	2.4732	1.2297	24.608	2.4867	2.4707	24.740	4.9973	4.9790
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8893	4.8089	4.9329	4.9342	4.7924	4.945	4.9650	F 4.2304
Stddev	.0199	.0462	.0107	.0230	.0159	.014	.0268	.1802
%RSD	.40620	.96044	.21723	.46572	.33235	.2879	.54047	4.2586
#1	4.9117	4.7556	4.9396	4.9116	4.7751	4.961	4.9378	4.4368
#2	4.8826	4.8331	4.9206	4.9575	4.8063	4.936	4.9915	4.1046
#3	4.8738	4.8380	4.9387	4.9336	4.7959	4.937	4.9656	4.1499

Sample Name: CCV03 Acquired: 5/20/2019 17:31:59 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14988 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9092
Stddev	.4783
%RSD	16.442

#1	3.0578
#2	3.2956
#3	2.3742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.3	49595.	4536.1	53.935	3794.0
Stddev	7.7	64.	23.7	.797	10.9
%RSD	.19796	.12884	.52240	1.4781	.28781

#1	3858.5	49533.	4562.5	53.939	3781.8
#2	3873.6	49661.	4528.8	54.730	3802.7
#3	3863.9	49592.	4516.8	53.136	3797.7

Sample Name: CCB03 Acquired: 5/20/2019 17:36:05 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14988 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.00127	.00269	-.00160	.00098	-.02103	.00053	.00008
Stddev	.00484	.00089	.00112	.00353	.00088	.00861	.00021	.00003
%RSD	570.86	70.055	41.427	220.11	89.760	40.923	39.423	38.954
#1	-.00035	.00148	.00383	-.00568	.00041	-.01126	.00074	.00006
#2	-.00328	.00029	.00160	.00043	.00200	-.02436	.00032	.00006
#3	.00617	.00203	.00266	.00044	.00054	-.02747	.00054	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00619	-.00006	-.00003	-.00018	-.00032	-.00007	.03164
Stddev	.00005	.00511	.00026	.00016	.00013	.00035	.00003	.04344
%RSD	2433.3	82.534	437.58	576.21	71.651	108.25	44.844	137.29
#1	.00004	-.00784	.00021	-.00005	-.00004	-.00071	-.00005	.01220
#2	-.00006	-.01027	-.00031	.00014	-.00029	-.00020	-.00011	.00132
#3	.00003	-.00046	-.00008	-.00017	-.00021	-.00005	-.00006	.08140
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00009	-.01189	.00017	-.00031	.01329	.00016	.00460
Stddev	.00013	.00025	.01019	.00037	.00012	.01839	.00028	.00212
%RSD	51.607	267.28	85.688	220.40	38.993	138.42	167.80	45.969
#1	.00036	-.00016	-.02361	.00038	-.00031	.02830	.00047	.00565
#2	.00029	.00010	-.00520	-.00026	-.00019	-.00722	-.00007	.00599
#3	.00011	.00034	-.00685	.00038	-.00043	.01878	.00010	.00217
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00052	-.00120	-.00099	-.00061	-.0010	.00005	F 3.2923
Stddev	.00096	.00153	.00022	.00075	.00107	.0003	.00005	.2327
%RSD	176.71	293.81	18.453	76.341	173.91	33.24	113.24	7.0693
#1	.00156	-.00095	-.00145	-.00023	.00031	-.0008	.00009	3.5525
#2	-.00036	-.00178	-.00101	-.00173	-.00038	-.0008	.00006	3.2204
#3	.00044	.00118	-.00115	-.00100	-.00178	-.0014	-.00001	3.1039

Sample Name: CCB03 Acquired: 5/20/2019 17:36:05 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14988 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .74530
Stddev	.04026
%RSD	5.4014

#1	.71724
#2	.79143
#3	.72724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.7	52075.	4545.3	55.895	4211.5
Stddev	8.3	209.	21.6	1.269	2.5
%RSD	.20860	.40158	.47455	2.2706	.05991

#1	3985.2	51945.	4530.9	54.511	4210.4
#2	3998.7	51963.	4570.1	57.005	4209.7
#3	4000.4	52316.	4535.0	56.170	4214.4

Sample Name: K2866-07DLX10 Acquired: 5/20/2019 17:40:34 Type: Unk
Method: P4-ICP2(v3135) 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	.00927	.00182	1.3544	-.00026	.00106	31.525	.30734	.00711
Stddev	.00090	.00063	.0043	.00060	.00179	.106	.00119	.00011
%RSD	9.6969	34.448	.31938	229.91	168.73	.33582	.38738	1.5566
#1	.00925	.00243	1.3573	-.00014	.00253	31.408	.30608	.00699
#2	.00839	.00185	1.3565	.00027	.00158	31.614	.30845	.00721
#3	.01018	.00118	1.3494	-.00091	-.00093	31.553	.30749	.00714
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00489	15.770	.03829	.02204	.47144	48.785	.61256	3.6386
Stddev	.00009	.066	.00031	.00024	.00089	.398	.00013	.0511
%RSD	1.7905	.41685	.82195	1.0813	.18782	.81481	.02047	1.4046
#1	.00498	15.703	.03840	.02201	.47173	48.359	.61243	3.5992
#2	.00481	15.834	.03794	.02229	.47044	49.146	.61258	3.6963
#3	.00489	15.772	.03854	.02182	.47214	48.852	.61267	3.6202
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06546	-.00012	.42360	.05472	4.9980	1.0020	.01630	.11511
Stddev	.00069	.00039	.00889	.00051	.0093	.0244	.00019	.00684
%RSD	1.0522	327.49	2.0993	.93138	.18655	2.4305	1.1512	5.9392
#1	.06575	.00001	.41590	.05444	5.0083	1.0287	.01640	.12249
#2	.06467	.00019	.43333	.05531	4.9901	.98116	.01608	.10899
#3	.06596	-.00055	.42157	.05442	4.9956	.99595	.01642	.11386
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53435	1.3235	.06953	.14288	.01832	1.000	.04327	3.4895
Stddev	.00330	.0052	.00060	.00106	.00066	.004	.00040	.1887
%RSD	.61732	.39192	.86034	.74409	3.6140	.4178	.93157	5.4062
#1	.53707	1.3175	.06923	.14190	.01831	1.002	.04373	3.6438
#2	.53529	1.3263	.07022	.14273	.01899	1.003	.04302	3.5456
#3	.53068	1.3267	.06914	.14401	.01767	.9953	.04305	3.2792

Sample Name: K2866-07DLX10 Acquired: 5/20/2019 17:40:34 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.556
Stddev	.154
%RSD	.99079

#1	15.424
#2	15.726
#3	15.519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.0	51725.	4680.6	57.071	4039.4
Stddev	23.5	121.	16.3	1.226	16.3
%RSD	.58693	.23327	.34754	2.1474	.40288

#1	3979.8	51770.	4681.2	56.809	4021.1
#2	4026.8	51588.	4664.0	55.997	4052.4
#3	4005.5	51816.	4696.5	58.406	4044.6

Sample Name: K2880-04 Acquired: 5/20/2019 17:45:01 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 339 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09674	-.00597	.33092	.00513	.00127	54.656	.28248	.00447
Stddev	.00100	.00142	.00199	.00243	.00206	.181	.00071	.00004
%RSD	1.0300	23.746	.60041	47.454	161.81	.33183	.25161	.93449

#1	.09787	-.00443	.32863	.00766	-.00062	54.865	.28209	.00443
#2	.09597	-.00628	.33216	.00490	.00346	54.553	.28206	.00451
#3	.09638	-.00721	.33198	.00281	.00098	54.549	.28331	.00445

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	32.075	.09276	.02374	.14005	56.601	1.0037	13.703
Stddev	.00001	.124	.00002	.00025	.00048	.326	.0017	.045
%RSD	1.1037	.38637	.02693	1.0557	.34380	.57519	.17041	.32562

#1	-.00106	31.948	.09278	.02347	.14060	56.935	1.0027	13.656
#2	-.00109	32.081	.09277	.02396	.13971	56.583	1.0057	13.744
#3	-.00108	32.195	.09273	.02378	.13983	56.284	1.0027	13.710

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04413	-.00063	130.23	.13711	2.3292	12.313	.02911	.02893
Stddev	.00018	.00026	.26	.00018	.0053	.065	.00027	.00871
%RSD	.41226	40.263	.20183	.13082	.22723	.52891	.91581	30.097

#1	.04393	-.00080	130.25	.13691	2.3231	12.261	.02881	.02555
#2	.04417	-.00034	130.48	.13715	2.3326	12.386	.02918	.03883
#3	.04428	-.00076	129.95	.13726	2.3319	12.291	.02933	.02243

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.795	F 71.728	.00838	1.5375	.05998	1.988	.14058	3.8321
Stddev	.004	.375	.00100	.0086	.00094	.010	.00055	.1702
%RSD	.02904	.52299	11.869	.56271	1.5604	.4881	.39477	4.4418

#1	12.793	71.468	.00770	1.5313	.05896	1.992	.14007	4.0284
#2	12.794	71.558	.00952	1.5339	.06015	1.977	.14050	3.7255
#3	12.800	72.158	.00793	1.5474	.06081	1.996	.14117	3.7423

Sample Name: K2880-04 Acquired: 5/20/2019 17:45:01 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 339 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.498
Stddev	.036
%RSD	.20718

#1	17.538
#2	17.466
#3	17.492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3979.0	50863.	4765.2	53.585	3680.8
Stddev	11.0	348.	7.7	.636	8.0
%RSD	.27760	.68362	.16238	1.1878	.21859

#1	3977.3	50550.	4756.3	52.896	3677.2
#2	3968.8	50801.	4770.2	53.707	3675.1
#3	3990.8	51238.	4769.2	54.151	3690.0

Sample Name: K2647-09 Acquired: 5/20/2019 17:49:25 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-051719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03915	-.01391	.21314	-.00130	.00157	71.865	.36642	.01121
Stddev	.00153	.00065	.00107	.00128	.00120	.257	.00131	.00017
%RSD	3.9057	4.6723	.50385	98.571	76.728	.35730	.35707	1.5364

#1	.03765	-.01318	.21437	.00002	.00222	71.857	.36532	.01135
#2	.03907	-.01410	.21263	-.00138	.00231	71.613	.36609	.01127
#3	.04071	-.01444	.21241	-.00255	.00018	72.127	.36787	.01102

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	62.089	.13086	.10629	.28097	184.35	3.0040	46.732
Stddev	.00005	.654	.00087	.00024	.00036	.48	.0036	.236
%RSD	73.613	1.0532	.66537	.22335	.12867	.25859	.11893	.50440

#1	.00001	61.449	.13015	.10619	.28065	184.73	3.0042	46.534
#2	.00012	62.063	.13059	.10612	.28136	184.50	3.0003	46.669
#3	.00009	62.756	.13183	.10656	.28088	183.82	3.0074	46.993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13936	-.00791	4.1835	.29847	.53727	5.5864	.00416	-.02707
Stddev	.00074	.00023	.0192	.00117	.00083	.0203	.00018	.00492
%RSD	.53046	2.8594	.45874	.39111	.15434	.36343	4.3840	18.186

#1	.13877	-.00767	4.1853	.29979	.53651	5.5638	.00437	-.02356
#2	.13912	-.00794	4.1634	.29756	.53816	5.5921	.00404	-.03270
#3	.14019	-.00812	4.2017	.29806	.53715	5.6032	.00408	-.02496

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4996	1.7350	.01146	3.1254	.09243	7.633	-.10027	<.00000
Stddev	.0040	.0459	.00034	.0356	.00113	.009	.00153	.07318
%RSD	.16015	2.6451	2.9969	1.1385	1.2262	.1138	1.5252	6.5125

#1	2.4973	1.7875	.01106	3.0934	.09179	7.632	-.10161	-1.2041
#2	2.4973	1.7029	.01166	3.1190	.09177	7.642	-.10060	-1.0609
#3	2.5043	1.7145	.01165	3.1637	.09374	7.625	-.09860	-1.1063

Sample Name: K2647-09 Acquired: 5/20/2019 17:49:25 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-051719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.970
Stddev	.510
%RSD	.71925

#1	70.385
#2	71.324
#3	71.201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4834.0	63587.	5886.1	55.658	3731.0
Stddev	3.1	164.	35.0	1.050	3.9
%RSD	.06503	.25715	.59534	1.8863	.10466

#1	4830.9	63400.	5917.6	56.843	3729.7
#2	4837.1	63702.	5892.3	55.287	3727.8
#3	4834.0	63659.	5848.3	54.844	3735.3

Sample Name: K2909-02 Acquired: 5/20/2019 17:53:51 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190403-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09305	-.01641	.19183	.00573	.00246	110.16	.30257	.01381
Stddev	.00141	.00212	.00113	.00141	.00070	1.46	.00327	.00020
%RSD	1.5184	12.901	.58969	24.521	28.398	1.3232	1.0800	1.4555
#1	.09466	-.01707	.19113	.00427	.00232	108.64	.29960	.01359
#2	.09247	-.01813	.19123	.00586	.00322	111.55	.30607	.01398
#3	.09202	-.01405	.19314	.00707	.00184	110.30	.30203	.01386
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	21.996	.32198	.07269	.24458	216.89	1.4831	56.049
Stddev	.00027	.157	.00269	.00025	.00031	2.36	.0152	.797
%RSD	370.77	.71337	.83484	.34905	.12863	1.0895	1.0234	1.4216
#1	-.00001	22.057	.32049	.07240	.24490	215.05	1.4726	55.279
#2	-.00037	21.818	.32509	.07289	.24458	219.55	1.5005	56.870
#3	.00016	22.113	.32038	.07278	.24427	216.05	1.4762	55.998
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17102	-.00754	69.757	.34804	.90887	28.916	.01215	.12380
Stddev	.00063	.00070	.890	.00402	.00121	.448	.00039	.00335
%RSD	.37110	9.2577	1.2766	1.1560	.13356	1.5490	3.2066	2.7032
#1	.17094	-.00678	68.889	.34460	.90747	28.505	.01260	.12052
#2	.17042	-.00770	70.668	.35246	.90950	29.393	.01197	.12721
#3	.17169	-.00815	69.715	.34704	.90963	28.849	.01189	.12368
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 194.99	2.7818	-.05539	4.4315	.19772	4.409	.03818	1.5121
Stddev	.17	.0523	.00041	.0123	.00056	.015	.00337	.2490
%RSD	.08563	1.8798	.74374	.27686	.28294	.3424	8.8226	16.467
#1	194.88	2.7830	-.05582	4.4335	.19769	4.412	.04040	1.3652
#2	195.18	2.7289	-.05535	4.4184	.19717	4.423	.03430	1.7996
#3	194.91	2.8335	-.05500	4.4427	.19829	4.393	.03983	1.3716

Sample Name: K2909-02 Acquired: 5/20/2019 17:53:51 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190403-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	72.641
Stddev	.227
%RSD	.31222

#1	72.410
#2	72.648
#3	72.864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4272.7	55704.	5301.2	54.930	3589.0
Stddev	6.9	537.	45.0	.248	6.0
%RSD	.16078	.96319	.84955	.45159	.16599

#1	4272.1	56059.	5252.6	54.655	3595.1
#2	4279.8	55087.	5341.6	55.139	3588.9
#3	4266.1	55966.	5309.5	54.995	3583.1

Sample Name: K2909-03 Acquired: 5/20/2019 17:58:14 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190404-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09048	-.01846	.09822	.00386	.00163	115.83	.31720	.01377
Stddev	.00197	.00097	.00040	.00362	.00236	.65	.00111	.00033
%RSD	2.1729	5.2389	.41133	93.987	144.51	.56455	.34924	2.4042
#1	.09274	-.01950	.09859	.00467	.00312	115.31	.31609	.01339
#2	.08917	-.01758	.09827	-.00011	.00286	115.62	.31830	.01392
#3	.08953	-.01829	.09779	.00700	-.00109	116.56	.31721	.01399
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	22.547	.33782	.07920	.17880	210.85	1.5492	61.245
Stddev	.00001	.203	.00063	.00028	.00116	.81	.0011	.213
%RSD	1.2469	.90147	.18568	.35677	.64639	.38568	.07273	.34724
#1	-.00108	22.444	.33712	.07939	.17844	211.43	1.5505	61.008
#2	-.00109	22.415	.33801	.07934	.17787	209.92	1.5488	61.309
#3	-.00110	22.781	.33834	.07888	.18009	211.19	1.5484	61.418
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18223	-.00741	70.788	.37109	.72631	30.684	.00924	.16594
Stddev	.00069	.00048	.203	.00110	.00321	.104	.00038	.02630
%RSD	.37673	6.4130	.28626	.29722	.44228	.33784	4.1036	15.847
#1	.18146	-.00713	70.572	.37236	.72655	30.582	.00954	.15186
#2	.18247	-.00796	70.974	.37053	.72939	30.790	.00882	.14968
#3	.18277	-.00715	70.818	.37039	.72298	30.680	.00937	.19628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 163.09	3.4378	-.04737	5.0422	.20761	4.237	.04365	1.5996
Stddev	.38	.0409	.00149	.0310	.00219	.012	.00226	.0597
%RSD	.23309	1.1907	3.1553	.61480	1.0526	.2918	5.1821	3.7339
#1	163.21	3.4361	-.04903	5.0250	.20695	4.239	.04216	1.6354
#2	163.40	3.3977	-.04613	5.0236	.20584	4.249	.04255	1.6327
#3	162.67	3.4795	-.04696	5.0779	.21005	4.224	.04626	1.5307

Sample Name: K2909-03 Acquired: 5/20/2019 17:58:14 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190404-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	71.100
Stddev	.469
%RSD	.65960

#1	71.571
#2	70.633
#3	71.098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4274.5	55950.	5269.2	53.367	3586.4
Stddev	11.2	85.	42.2	.768	11.8
%RSD	.26278	.15110	.80118	1.4396	.32991

#1	4262.1	55854.	5254.9	52.535	3577.2
#2	4284.0	56012.	5316.7	53.516	3582.3
#3	4277.3	55984.	5235.9	54.049	3599.7

Sample Name: K2913-03 Acquired: 5/20/2019 18:02:37 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-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	.23723	-.00007	9.6997	.01531	.22818	39.659	3.5187	.01828
Stddev	.00248	.00171	.0050	.00199	.00060	.093	.0172	.00025
%RSD	1.0445	2316.2	.05102	13.010	.26198	.23520	.48925	1.3774
#1	.23449	-.00023	9.6957	.01750	.22880	39.632	3.4999	.01841
#2	.23932	.00171	9.6982	.01483	.22760	39.763	3.5337	.01799
#3	.23788	-.00170	9.7052	.01361	.22815	39.583	3.5225	.01844
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	117.73	1.4510	.13313	1.6359	283.05	8.4012	31.891
Stddev	.00032	.33	.0030	.00079	.0022	1.35	.0096	.236
%RSD	16.482	.27815	.20762	.58975	.13661	.47572	.11410	.73849
#1	-.00227	117.62	1.4482	.13249	1.6380	284.35	8.4071	31.729
#2	-.00184	118.09	1.4506	.13290	1.6335	283.15	8.4063	32.162
#3	-.00166	117.47	1.4542	.13401	1.6362	281.66	8.3901	31.783
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49724	.00131	6.6673	.27882	1.5628	3.3319	.05266	.01075
Stddev	.00108	.00028	.0358	.00101	.0010	.0339	.00020	.00714
%RSD	.21815	21.765	.53758	.36339	.06174	1.0184	.38126	66.416
#1	.49659	.00105	6.6338	.27938	1.5618	3.3017	.05243	.01857
#2	.49849	.00161	6.7051	.27765	1.5638	3.3687	.05274	.00912
#3	.49663	.00125	6.6629	.27944	1.5627	3.3254	.05280	.00457
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 66.216	4.2366	.47285	2.9097	.04254	3.695	.18237	2.3707
Stddev	.030	.0550	.00211	.0007	.00150	.006	.00071	.1073
%RSD	.04551	1.2977	.44615	.02393	3.5274	.1747	.38899	4.5273
#1	66.203	4.2958	.47159	2.9090	.04381	3.692	.18158	2.2859
#2	66.251	4.2269	.47167	2.9097	.04088	3.691	.18295	2.3347
#3	66.195	4.1872	.47528	2.9104	.04291	3.703	.18259	2.4913

Sample Name: K2913-03 Acquired: 5/20/2019 18:02:37 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 91.335
Stddev	.839
%RSD	.91896

#1	91.086
#2	90.648
#3	92.270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3957.1	51821.	4909.5	54.705	3659.3
Stddev	14.0	115.	24.2	.989	4.4
%RSD	.35377	.22171	.49289	1.8070	.12079

#1	3941.0	51837.	4883.0	53.836	3654.3
#2	3966.3	51699.	4915.0	54.498	3661.2
#3	3963.9	51927.	4930.5	55.781	3662.5

Sample Name: K2922-01 Acquired: 5/20/2019 18:06:59 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-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	.43756	-.00266	14.554	.01758	.01652	124.85	14.378	.01514
Stddev	.00194	.00126	.053	.00229	.00319	.51	.143	.00011
%RSD	.44282	47.450	.36186	13.051	19.289	.40532	.99571	.73757
#1	.43532	-.00406	14.609	.02018	.01596	124.88	14.290	.01510
#2	.43854	-.00231	14.504	.01585	.01365	124.33	14.543	.01527
#3	.43880	-.00161	14.548	.01671	.01995	125.34	14.301	.01506
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03704	15.436	.77978	.08020	1.3754	249.97	1.9198	42.857
Stddev	.00023	.077	.00232	.00025	.0031	.51	.0014	.388
%RSD	.60776	.49846	.29699	.30564	.22441	.20496	.07490	.90418
#1	.03726	15.376	.78229	.08043	1.3747	249.41	1.9191	42.779
#2	.03705	15.522	.77931	.08021	1.3728	250.10	1.9215	42.515
#3	.03681	15.408	.77773	.07994	1.3788	250.41	1.9189	43.278
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17379	.00066	11.675	.53713	6.1913	23.776	.02685	.03013
Stddev	.00117	.00031	.058	.00148	.0216	.110	.00041	.00542
%RSD	.67500	46.381	.49813	.27578	.34859	.46278	1.5360	17.989
#1	.17498	.00044	11.694	.53542	6.2144	23.778	.02731	.03211
#2	.17377	.00053	11.610	.53796	6.1717	23.666	.02668	.03427
#3	.17263	.00101	11.721	.53801	6.1876	23.886	.02654	.02399
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.812	4.0400	.64346	2.4434	.20332	F 11.04	.93356	<.00000
Stddev	.191	.0384	.00125	.0149	.00075	.01	.00485	.13989
%RSD	.30921	.95119	.19484	.61124	.37044	.0919	.51970	102.84
#1	61.998	4.0201	.64462	2.4263	.20258	11.04	.93239	.01889
#2	61.616	4.0843	.64362	2.4503	.20408	11.04	.93889	-.25312
#3	61.823	4.0157	.64213	2.4536	.20329	11.02	.92941	-.17388

Sample Name: K2922-01 Acquired: 5/20/2019 18:06:59 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	88.525
Stddev	1.243
%RSD	1.4045

#1	87.957
#2	89.951
#3	87.667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4497.4	58935.	5540.5	55.230	3637.0
Stddev	8.2	101.	50.5	1.029	16.6
%RSD	.18275	.17165	.91194	1.8632	.45608

#1	4492.2	58821.	5540.7	56.010	3619.6
#2	4506.8	58969.	5489.9	55.616	3652.6
#3	4493.1	59015.	5591.0	54.064	3638.8

Sample Name: K2922-05 Acquired: 5/20/2019 18:11:30 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-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	.11260	-.00163	1.1371	.00030	.00393	115.94	4.7394	.01753
Stddev	.00211	.00064	.0033	.00080	.00117	.38	.0242	.00043
%RSD	1.8754	39.331	.29278	269.53	29.746	.32956	.51024	2.4488
#1	.11501	-.00125	1.1406	.00088	.00300	116.08	4.7516	.01709
#2	.11111	-.00237	1.1339	.00062	.00525	116.23	4.7550	.01795
#3	.11166	-.00127	1.1369	-.00061	.00355	115.51	4.7115	.01755
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05220	18.744	.28372	.10438	.31497	235.60	2.3857	48.812
Stddev	.00034	.022	.00081	.00071	.00088	.73	.0026	.220
%RSD	.65123	.11698	.28579	.67872	.28063	.31057	.10821	.45064
#1	.05254	18.720	.28353	.10457	.31530	235.25	2.3870	48.998
#2	.05186	18.763	.28461	.10360	.31565	235.11	2.3872	48.869
#3	.05219	18.749	.28302	.10498	.31397	236.44	2.3827	48.569
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20988	-.00844	40.263	.36347	2.7731	22.547	.01414	.08203
Stddev	.00072	.00036	.128	.00114	.0043	.094	.00015	.01947
%RSD	.34160	4.2079	.31762	.31455	.15342	.41768	1.0855	23.741
#1	.20971	-.00854	40.356	.36474	2.7759	22.593	.01423	.06446
#2	.20926	-.00874	40.316	.36315	2.7682	22.608	.01424	.07866
#3	.21066	-.00805	40.117	.36253	2.7753	22.438	.01397	.10297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 170.65	2.6265	-.02008	1.4707	.23787	5.405	.06547	<.00000
Stddev	.44	.0079	.00050	.0054	.00038	.007	.00068	.02360
%RSD	.25655	.30035	2.4823	.36829	.15873	.1324	1.0363	19.972
#1	171.00	2.6277	-.01982	1.4697	.23813	5.412	.06573	-.14023
#2	170.16	2.6181	-.02066	1.4766	.23744	5.397	.06597	-.09328
#3	170.80	2.6337	-.01977	1.4659	.23804	5.406	.06470	-.12100

Sample Name: K2922-05 Acquired: 5/20/2019 18:11:30 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	85.751
Stddev	.697
%RSD	.81307

#1	86.556
#2	85.367
#3	85.331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4592.6	60022.	5604.7	55.102	3633.8
Stddev	7.4	126.	17.6	.410	1.9
%RSD	.16016	.21063	.31376	.74420	.05284

#1	4597.0	59876.	5605.4	55.127	3631.6
#2	4584.1	60096.	5621.9	55.499	3634.8
#3	4596.7	60095.	5586.8	54.680	3635.0

Sample Name: K2943-01 Acquired: 5/20/2019 18:15:53 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GIS-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05628	.00475	.18640	-.00981	.00825	247.65	1.3188	.02573
Stddev	.00146	.00145	.00036	.00272	.00177	.45	.0050	.00025
%RSD	2.5878	30.538	.19209	27.719	21.467	.18255	.38204	.96909
#1	.05690	.00556	.18653	-.01197	.00970	247.27	1.3154	.02552
#2	.05733	.00308	.18600	-.00676	.00878	248.15	1.3246	.02567
#3	.05462	.00561	.18668	-.01071	.00628	247.54	1.3164	.02601
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	5.2477	.25453	.17313	.18008	295.91	6.7077	56.978
Stddev	.00033	.0431	.00094	.00066	.00012	2.31	.0206	.414
%RSD	23.814	.82061	.36999	.37985	.06558	.78127	.30717	.72736
#1	-.00174	5.1992	.25364	.17238	.18014	297.55	6.7164	56.500
#2	-.00108	5.2624	.25552	.17341	.17994	293.27	6.7226	57.202
#3	-.00135	5.2815	.25443	.17360	.18015	296.92	6.6842	57.233
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30989	-.01396	2.7892	.45009	.89386	10.982	.00237	-.01546
Stddev	.00054	.00013	.0080	.00177	.00257	.020	.00014	.02534
%RSD	.17473	.95839	.28684	.39259	.28798	.18576	5.9799	163.93
#1	.30954	-.01412	2.7821	.45194	.89094	10.960	.00232	.00339
#2	.31051	-.01390	2.7876	.44842	.89481	10.985	.00253	-.04426
#3	.30961	-.01387	2.7979	.44991	.89582	11.001	.00226	-.00551
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2034	4.9733	.01785	1.5884	.36803	8.401	-.25855	.90754
Stddev	.0086	.0110	.00024	.0021	.00175	.025	.00246	.15416
%RSD	.71803	.22038	1.3361	.13163	.47553	.2969	.95235	16.987
#1	1.2062	4.9637	.01800	1.5865	.36924	8.386	-.26056	.74934
#2	1.1937	4.9709	.01757	1.5881	.36603	8.388	-.25580	.91597
#3	1.2103	4.9852	.01797	1.5907	.36884	8.430	-.25929	1.0573

Sample Name: K2943-01 Acquired: 5/20/2019 18:15:53 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GIS-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 103.33
Stddev .75
%RSD .72615

#1 102.90
#2 102.89
#3 104.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4332.4	55520.	5269.2	54.922	3592.7
Stddev	5.3	151.	16.6	1.325	6.4
%RSD	.12166	.27257	.31442	2.4129	.17816

#1	4328.1	55390.	5264.6	54.357	3595.5
#2	4338.3	55484.	5287.5	56.437	3597.2
#3	4330.8	55686.	5255.3	53.973	3585.4

Sample Name: K2943-05 Acquired: 5/20/2019 18:20:27 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GIS-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03944	-.00196	.18073	-.01329	.00842	229.40	1.1444	.02563
Stddev	.00126	.00164	.00194	.00178	.00068	1.32	.0053	.00034
%RSD	3.2037	83.858	1.0725	13.363	8.0477	.57387	.46268	1.3190
#1	.03883	-.00228	.18140	-.01154	.00768	227.92	1.1390	.02582
#2	.04089	-.00018	.17854	-.01510	.00858	230.44	1.1496	.02524
#3	.03858	-.00341	.18224	-.01324	.00900	229.84	1.1447	.02583
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	7.0413	.26680	.23442	.25547	305.30	9.6738	89.380
Stddev	.00004	.0243	.00009	.00105	.00068	.82	.0349	.562
%RSD	12.575	.34508	.03375	.44886	.26556	.26934	.36102	.62916
#1	-.00031	7.0643	.26676	.23488	.25596	306.25	9.6383	88.741
#2	-.00039	7.0159	.26674	.23321	.25575	304.78	9.6749	89.801
#3	-.00034	7.0438	.26691	.23516	.25470	304.88	9.7081	89.597
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47464	-.01412	1.8527	.36138	1.1796	19.267	.00195	-.02145
Stddev	.00137	.00026	.0153	.00133	.0070	.054	.00033	.01242
%RSD	.28810	1.8113	.82370	.36737	.59529	.28047	16.735	57.929
#1	.47616	-.01441	1.8512	.36007	1.1816	19.221	.00163	-.01431
#2	.47349	-.01398	1.8686	.36272	1.1718	19.326	.00192	-.03579
#3	.47428	-.01397	1.8382	.36135	1.1854	19.253	.00228	-.01424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66918	2.7293	.01577	2.4567	.61634	4.565	-.25897	1.1303
Stddev	.00236	.0171	.00021	.0059	.00147	.017	.00097	.0465
%RSD	.35263	.62684	1.3435	.23879	.23913	.3671	.37615	4.1163
#1	.66978	2.7102	.01565	2.4500	.61624	4.581	-.26009	1.1541
#2	.67118	2.7431	.01564	2.4597	.61492	4.547	-.25837	1.1601
#3	.66658	2.7348	.01601	2.4606	.61786	4.567	-.25845	1.0767

Sample Name: K2943-05 Acquired: 5/20/2019 18:20:27 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GIS-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 105.58
 Stddev .83
 %RSD .78202

#1 104.82
 #2 105.47
 #3 106.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4229.1	54711.	5216.2	54.700	3546.0
Stddev	8.0	127.	18.4	.753	16.0
%RSD	.18920	.23144	.35228	1.3761	.45096

#1	4226.2	54697.	5195.0	54.096	3542.6
#2	4238.2	54591.	5225.6	54.460	3563.4
#3	4223.0	54843.	5227.9	55.543	3532.0

Sample Name: CCV04 Acquired: 5/20/2019 18:25:01 Type: Unk
Method: P4-ICP2(v3135) 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	4.9314	5.0555	4.9374	4.9608	4.9248	9.6455	9.8429	.25264
Stddev	.0137	.0084	.0098	.0162	.0130	.0436	.0706	.00014
%RSD	.27794	.16553	.19868	.32697	.26291	.45201	.71759	.05354
#1	4.9309	5.0499	4.9264	4.9710	4.9170	9.6064	9.7622	.25258
#2	4.9453	5.0515	4.9406	4.9694	4.9397	9.6377	9.8936	.25255
#3	4.9179	5.0651	4.9452	4.9421	4.9176	9.6926	9.8729	.25280
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4875	24.864	.99227	2.4852	1.2391	5.0087	2.5542	24.600
Stddev	.0042	.056	.00124	.0006	.0032	.0073	.0032	.145
%RSD	.16910	.22445	.12538	.02325	.26213	.14535	.12340	.59065
#1	2.4848	24.836	.99157	2.4858	1.2364	5.0044	2.5553	24.443
#2	2.4854	24.929	.99370	2.4846	1.2427	5.0171	2.5566	24.627
#3	2.4924	24.828	.99153	2.4852	1.2382	5.0046	2.5506	24.730
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4847	1.2300	24.673	2.5007	2.4789	24.864	5.0107	4.9920
Stddev	.0055	.0025	.046	.0014	.0035	.018	.0046	.0595
%RSD	.21923	.20222	.18622	.05758	.14041	.07335	.09097	1.1910
#1	2.4795	1.2328	24.647	2.5021	2.4754	24.843	5.0157	4.9479
#2	2.4844	1.2294	24.646	2.4992	2.4790	24.874	5.0095	4.9684
#3	2.4903	1.2279	24.727	2.5007	2.4823	24.875	5.0069	5.0596
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9192	4.8331	4.9416	4.9332	4.7194	4.937	4.9466	4.9253
Stddev	.0232	.0305	.0101	.0089	.0220	.005	.0104	.1090
%RSD	.47197	.63088	.20477	.17989	.46598	.1066	.21074	2.2124
#1	4.9085	4.8358	4.9365	4.9236	4.7247	4.931	4.9529	4.9563
#2	4.9032	4.8621	4.9532	4.9410	4.7383	4.940	4.9523	5.0154
#3	4.9458	4.8013	4.9350	4.9350	4.6953	4.941	4.9346	4.8042

Sample Name: CCV04 Acquired: 5/20/2019 18:25:01 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0292
Stddev	.1708
%RSD	5.6389

#1	3.1957
#2	3.0376
#3	2.8544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.0	49418.	4533.9	53.459	3777.4
Stddev	12.2	150.	29.5	.704	2.6
%RSD	.31653	.30445	.65026	1.3161	.06865

#1	3843.5	49307.	4517.7	52.746	3778.1
#2	3840.5	49357.	4516.1	54.152	3774.5
#3	3862.9	49589.	4568.0	53.479	3779.5

Sample Name: CCB04 Acquired: 5/20/2019 18:29:08 Type: Unk
Method: P4-ICP2(v3135) 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	.00146	.00138	F .00330	-.00243	-.00049	-.01684	.00107	.00010
Stddev	.00099	.00159	.00026	.00215	.00138	.00546	.00017	.00006
%RSD	68.146	115.12	7.9020	88.701	282.04	32.433	15.759	62.009
#1	.00187	.00220	.00314	-.00030	.00078	-.01242	.00112	.00009
#2	.00218	.00238	.00360	-.00238	-.00029	-.02294	.00120	.00005
#3	.00032	-.00045	.00317	-.00460	-.00196	-.01515	.00088	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01153	-.00017	.00005	-.00024	.00076	-.00016	-.00357
Stddev	.00007	.00354	.00006	.00020	.00011	.00088	.00004	.01467
%RSD	789.90	30.682	31.892	449.66	47.321	116.50	23.263	411.56
#1	-.00006	-.00952	-.00012	.00007	-.00034	.00080	-.00014	-.01928
#2	.00008	-.01562	-.00016	-.00017	-.00027	.00162	-.00020	.00979
#3	.00001	-.00946	-.00023	.00024	-.00012	-.00015	-.00013	-.00121
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00006	-.02131	.00006	.00007	-.01089	.00028	.00861
Stddev	.00026	.00014	.00564	.00013	.00005	.00675	.00015	.00736
%RSD	94.448	228.44	26.476	241.16	74.079	61.996	52.593	85.530
#1	.00025	-.00009	-.02061	.00007	.00012	-.01502	.00012	.01425
#2	.00054	-.00019	-.01606	-.00009	.00007	-.00310	.00040	.00028
#3	.00002	.00009	-.02727	.00018	.00002	-.01456	.00033	.01130
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01556	.00138	-.00110	-.00181	-.00067	-.0008	.00008	F 3.3132
Stddev	.00354	.00044	.00068	.00155	.00044	.0007	.00005	.0543
%RSD	22.773	32.021	61.735	85.351	65.657	84.05	64.426	1.6378
#1	.01609	.00102	-.00040	-.00320	-.00108	-.0000	.00010	3.3608
#2	.01882	.00125	-.00114	-.00014	-.00020	-.0010	.00011	3.2541
#3	.01179	.00188	-.00175	-.00211	-.00073	-.0013	.00002	3.3247

Sample Name: CCB04 Acquired: 5/20/2019 18:29:08 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .73907
Stddev .11601
%RSD 15.697

#1 .86614
#2 .71229
#3 .63880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.3	51920.	4521.2	55.701	4233.7
Stddev	8.9	194.	10.8	.531	6.7
%RSD	.22103	.37402	.23985	.95343	.15770

#1	4008.8	51895.	4533.7	55.089	4229.2
#2	4019.8	51740.	4514.7	55.975	4230.5
#3	4026.4	52126.	4515.2	56.039	4241.3

Sample Name: K2943-09 Acquired: 5/20/2019 18:33:37 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BUS-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	.00975	-.01703	.22371	-.02239	.00771	257.18	1.4657	.02963
Stddev	.00103	.00072	.00153	.00106	.00111	.30	.0052	.00018
%RSD	10.603	4.2179	.68242	4.7416	14.452	.11801	.35507	.61234
#1	.01007	-.01704	.22402	-.02361	.00865	256.91	1.4647	.02983
#2	.00859	-.01775	.22505	-.02171	.00802	257.51	1.4713	.02958
#3	.01058	-.01631	.22205	-.02184	.00648	257.14	1.4610	.02948
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00479	39.709	.35223	.32897	.43825	335.56	10.824	137.23
Stddev	.00023	.131	.00077	.00081	.00066	1.40	.016	.23
%RSD	4.7610	.32866	.21848	.24547	.15145	.41625	.15140	.16710
#1	.00456	39.835	.35196	.32843	.43759	335.63	10.805	137.02
#2	.00501	39.718	.35310	.32858	.43892	334.13	10.828	137.48
#3	.00479	39.574	.35163	.32990	.43824	336.92	10.837	137.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64275	-.02076	8.1285	.49413	1.5504	23.936	.00080	1.0219
Stddev	.00186	.00080	.0273	.00119	.0016	.049	.00048	.0080
%RSD	.28941	3.8300	.33575	.24067	.10155	.20511	60.491	.77929
#1	.64353	-.02122	8.1310	.49544	1.5518	23.891	.00033	1.0311
#2	.64409	-.02122	8.1544	.49385	1.5507	23.989	.00077	1.0169
#3	.64062	-.01984	8.1000	.49311	1.5487	23.929	.00130	1.0177
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70441	2.5637	.02308	5.0751	.77662	4.804	-.17227	<.00000
Stddev	.00311	.0098	.00051	.0363	.00358	.008	.00205	.09208
%RSD	.44117	.38085	2.1946	.71531	.46111	.1745	1.1902	398.01
#1	.70715	2.5636	.02313	5.0888	.78061	4.809	-.17181	.06736
#2	.70504	2.5735	.02255	5.1026	.77554	4.808	-.17049	-.02004
#3	.70104	2.5540	.02356	5.0340	.77369	4.794	-.17451	-.11672

Sample Name: K2943-09 Acquired: 5/20/2019 18:33:37 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BUS-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 124.59
Stddev	.94
%RSD	.75410

#1	123.87
#2	124.25
#3	125.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4326.1	55946.	5360.3	53.185	3403.7
Stddev	8.8	31.	10.4	.716	4.4
%RSD	.20353	.05585	.19393	1.3465	.12856

#1	4316.6	55967.	5349.2	53.901	3398.7
#2	4333.9	55961.	5369.8	53.185	3406.2
#3	4328.0	55910.	5361.9	52.469	3406.3

Sample Name: K2943-13 Acquired: 5/20/2019 18:38:13 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BUS-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	.02831	-.00096	.15790	-.00512	.00532	194.96	1.5166	.02313
Stddev	.00102	.00199	.00115	.00122	.00355	.53	.0025	.00029
%RSD	3.6084	206.96	.72597	23.784	66.807	.27025	.16464	1.2445
#1	.02827	-.00322	.15813	-.00379	.00858	195.10	1.5190	.02335
#2	.02935	-.00022	.15891	-.00539	.00583	194.38	1.5140	.02280
#3	.02730	.00055	.15665	-.00617	.00153	195.41	1.5167	.02323
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	8.0803	.22884	.21051	.15958	251.96	11.372	67.551
Stddev	.00011	.0266	.00008	.00051	.00014	.62	.065	.274
%RSD	15.317	.32951	.03451	.24000	.08557	.24650	.57216	.40538
#1	-.00080	8.0540	.22887	.20994	.15969	251.80	11.338	67.758
#2	-.00059	8.1072	.22890	.21068	.15962	251.44	11.331	67.241
#3	-.00075	8.0796	.22875	.21091	.15943	252.65	11.447	67.655
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38386	-.00939	3.5402	.30894	.99982	15.262	.00159	.10314
Stddev	.00123	.00060	.0076	.00058	.00050	.031	.00040	.00465
%RSD	.32169	6.4266	.21366	.18678	.05001	.20100	25.419	4.5067
#1	.38245	-.00993	3.5316	.30864	.99925	15.258	.00141	.10644
#2	.38476	-.00951	3.5458	.30960	.99998	15.234	.00131	.10515
#3	.38437	-.00874	3.5431	.30857	1.0002	15.295	.00206	.09782
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1595	2.5344	.01564	1.7736	.44903	5.431	-.19881	<.00000
Stddev	.0039	.0052	.00050	.0088	.00166	.014	.00037	.11837
%RSD	.33342	.20572	3.2016	.49842	.36938	.2593	.18496	14.744
#1	1.1639	2.5381	.01518	1.7728	.44712	5.416	-.19872	-.68497
#2	1.1567	2.5367	.01557	1.7652	.44988	5.444	-.19850	-.80182
#3	1.1580	2.5285	.01617	1.7828	.45008	5.433	-.19922	-.92170

Sample Name: K2943-13 Acquired: 5/20/2019 18:38:13 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BUS-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 90.410
 Stddev .950
 %RSD 1.0511

#1 89.521
 #2 91.412
 #3 90.299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4603.9	59051.	5571.2	54.454	3625.7
Stddev	10.0	182.	5.5	1.560	4.4
%RSD	.21666	.30762	.09942	2.8651	.12229

#1	4593.8	58876.	5567.7	54.159	3629.0
#2	4613.7	59238.	5568.3	53.063	3627.4
#3	4604.4	59039.	5577.6	56.141	3620.7

Sample Name: K2943-17 Acquired: 5/20/2019 18:42:48 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DB-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	.05502	.00226	.22563	-.00280	.00580	239.95	1.7865	.02762
Stddev	.00226	.00117	.00102	.00142	.00172	.83	.0070	.00039
%RSD	4.1069	51.772	.45125	50.507	29.761	.34719	.38990	1.4168
#1	.05404	.00158	.22483	-.00163	.00773	239.75	1.7868	.02762
#2	.05341	.00160	.22529	-.00240	.00523	239.23	1.7794	.02723
#3	.05760	.00362	.22678	-.00438	.00442	240.86	1.7933	.02801
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	10.092	.23122	.21268	.18132	266.01	9.8495	61.821
Stddev	.00017	.029	.00016	.00087	.00197	1.80	.0358	.326
%RSD	12.575	.29215	.07051	.40932	1.0845	.67486	.36352	.52685
#1	.00116	10.066	.23103	.21291	.17906	267.29	9.8111	61.855
#2	.00149	10.124	.23134	.21171	.18266	263.96	9.8820	61.480
#3	.00138	10.085	.23128	.21340	.18224	266.77	9.8554	62.129
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36828	-.01099	3.9433	.38334	1.1070	12.917	.00270	.04014
Stddev	.00026	.00035	.0184	.00021	.0035	.075	.00033	.00512
%RSD	.07163	3.2260	.46573	.05351	.31742	.58211	12.046	12.764
#1	.36798	-.01063	3.9339	.38357	1.1111	12.831	.00250	.04602
#2	.36837	-.01134	3.9315	.38319	1.1053	12.949	.00253	.03665
#3	.36848	-.01099	3.9644	.38325	1.1048	12.971	.00307	.03774
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0891	3.3199	.01953	1.4830	.39892	8.918	-.18686	<.00000
Stddev	.0102	.0428	.00051	.0036	.00238	.037	.00191	.04461
%RSD	.48805	1.2889	2.5907	.24087	.59655	.4146	1.0210	5.2620
#1	2.0928	3.3683	.01991	1.4791	.39621	8.956	-.18854	-.80729
#2	2.0776	3.3044	.01972	1.4837	.39987	8.882	-.18478	-.89561
#3	2.0970	3.2871	.01896	1.4862	.40067	8.916	-.18725	-.84047

Sample Name: K2943-17 Acquired: 5/20/2019 18:42:48 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DB-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 97.473
 Stddev .342
 %RSD .35051

#1 97.094
 #2 97.757
 #3 97.567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4624.3	59218.	5668.8	56.064	3585.6
Stddev	2.2	108.	14.5	2.038	10.5
%RSD	.04803	.18172	.25623	3.6357	.29302

#1	4626.2	59127.	5666.2	58.149	3573.9
#2	4624.9	59337.	5655.7	54.076	3594.1
#3	4621.8	59191.	5684.4	55.966	3588.9

Sample Name: K2907-01 Acquired: 5/20/2019 18:47:23 Type: Unk
Method: P4-ICP2(v3135) 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	.01053	.00167	.00331	.00384	-.00383	.02487	.30444	.00016
Stddev	.00096	.00092	.00033	.00510	.00051	.01592	.00098	.00007
%RSD	9.1035	55.056	9.8587	132.70	13.331	64.022	.32242	45.641
#1	.01164	.00268	.00297	.00054	-.00402	.03307	.30369	.00017
#2	.00996	.00088	.00362	.00971	-.00325	.03502	.30555	.00008
#3	.01000	.00145	.00333	.00127	-.00421	.00652	.30408	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	143.81	.00058	-.00028	.00075	.69923	.00596	61.229
Stddev	.00003	1.50	.00022	.00019	.00035	.00450	.00006	.451
%RSD	9.4990	1.0430	37.488	67.492	46.029	.64389	.97624	.73726
#1	-.00030	142.86	.00073	-.00033	.00104	.69874	.00599	60.883
#2	-.00036	145.54	.00033	-.00007	.00085	.69500	.00589	61.740
#3	-.00031	143.03	.00068	-.00044	.00037	.70396	.00599	61.065
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00051	52.976	.00708	.07784	2.2221	.00138	.36027
Stddev	.00038	.00036	.182	.00010	.00021	.0129	.00006	.01060
%RSD	24.560	70.537	.34431	1.3678	.27033	.58178	4.5864	2.9435
#1	-.00194	-.00052	52.862	.00709	.07799	2.2125	.00139	.37229
#2	-.00151	-.00014	53.186	.00697	.07793	2.2170	.00143	.35629
#3	-.00119	-.00086	52.879	.00716	.07760	2.2368	.00131	.35223
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.930	F 23.736	-.01284	-.00662	.02756	.0596	2.0978	4.5556
Stddev	.046	.170	.00103	.00070	.00088	.0001	.0193	.2947
%RSD	.17200	.71755	8.0507	10.556	3.1974	.2365	.91964	6.4690
#1	26.983	23.614	-.01210	-.00714	.02842	.0594	2.0855	4.8695
#2	26.898	23.930	-.01240	-.00582	.02759	.0597	2.1200	4.5124
#3	26.910	23.663	-.01402	-.00689	.02666	.0596	2.0878	4.2849

Sample Name: K2907-01 Acquired: 5/20/2019 18:47:23 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8836
Stddev	.2057
%RSD	10.918

#1	2.0539
#2	1.6551
#3	1.9418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3903.4	50781.	4650.8	55.839	3905.8
Stddev	7.4	88.	29.5	1.192	3.2
%RSD	.18957	.17244	.63365	2.1345	.08171

#1	3898.8	50881.	4670.9	56.268	3904.4
#2	3912.0	50721.	4616.9	56.757	3909.4
#3	3899.5	50740.	4664.4	54.492	3903.5

Sample Name: K2907-01DUP Acquired: 5/20/2019 18:51:44 Type: Unk
Method: P4-ICP2(v3135) 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	.00966	.00087	.00308	.00027	-.00252	.01901	.30609	.00020
Stddev	.00240	.00015	.00032	.00208	.00189	.00580	.00110	.00007
%RSD	24.793	16.715	10.506	767.95	75.282	30.480	.35798	34.475
#1	.01231	.00103	.00273	.00014	-.00463	.01894	.30700	.00013
#2	.00763	.00074	.00337	.00241	-.00098	.01326	.30488	.00027
#3	.00906	.00085	.00314	-.00174	-.00194	.02485	.30639	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	142.85	.00062	-.00002	.00061	.68904	.00573	60.513
Stddev	.00002	.49	.00009	.00009	.00028	.00217	.00006	.462
%RSD	5.8149	.34636	14.730	514.20	45.371	.31520	1.0198	.76264
#1	-.00031	142.38	.00055	.00006	.00068	.69091	.00579	60.931
#2	-.00035	143.37	.00058	-.00011	.00084	.68666	.00568	60.017
#3	-.00032	142.82	.00072	-.00000	.00030	.68955	.00573	60.591
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	-.00089	53.122	.00745	.06713	2.2279	.00094	.36166
Stddev	.00045	.00029	.360	.00044	.00022	.0201	.00019	.00687
%RSD	31.744	32.888	.67741	5.8721	.33294	.90221	20.358	1.9001
#1	-.00189	-.00104	53.326	.00709	.06724	2.2392	.00116	.35378
#2	-.00130	-.00055	52.706	.00733	.06687	2.2047	.00090	.36642
#3	-.00101	-.00108	53.333	.00794	.06727	2.2397	.00078	.36477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.857	F 23.508	-.01250	-.00802	.02691	.0595	2.0896	4.4802
Stddev	.028	.185	.00079	.00286	.00211	.0013	.0065	.2267
%RSD	.10331	.78490	6.2902	35.691	7.8433	2.205	.30970	5.0596
#1	26.889	23.360	-.01173	-.00474	.02933	.0585	2.0840	4.3624
#2	26.845	23.715	-.01330	-.01002	.02542	.0610	2.0967	4.7415
#3	26.838	23.448	-.01247	-.00931	.02599	.0591	2.0881	4.3365

Sample Name: K2907-01DUP Acquired: 5/20/2019 18:51:44 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8818
Stddev	.2941
%RSD	15.627

#1	1.8741
#2	2.1796
#3	1.5917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.4	50539.	4664.3	56.913	3895.9
Stddev	9.2	99.	35.1	.772	11.2
%RSD	.23741	.19496	.75333	1.3569	.28830

#1	3877.0	50464.	4689.7	56.072	3883.6
#2	3886.8	50651.	4624.2	57.591	3898.3
#3	3895.4	50504.	4679.0	57.077	3905.7

Sample Name: K2907-01LX5 Acquired: 5/20/2019 18:56:04 Type: Unk
Method: P4-ICP2(v3135) 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	.00292	.00074	.00287	-.00193	-.00264	-.00373	.06395	.00011
Stddev	.00172	.00010	.00110	.00199	.00032	.01155	.00046	.00006
%RSD	58.899	13.119	38.524	102.74	12.291	309.19	.71824	49.255

#1	.00490	.00081	.00403	-.00331	-.00251	-.01508	.06417	.00017
#2	.00193	.00063	.00184	-.00283	-.00301	.00800	.06342	.00006
#3	.00192	.00079	.00273	.00034	-.00240	-.00412	.06425	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	30.673	.00041	-.00003	-.00027	.14879	.00109	12.767
Stddev	.00006	.116	.00035	.00029	.00017	.00109	.00011	.107
%RSD	43.731	.37768	85.106	1101.6	62.893	.73475	10.263	.83694

#1	-.00011	30.540	.00078	-.00017	-.00044	.14981	.00117	12.768
#2	-.00008	30.730	.00033	.00031	-.00028	.14764	.00112	12.660
#3	-.00019	30.751	.00011	-.00022	-.00010	.14892	.00096	12.874

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00026	10.752	.00171	.01507	.44582	.00012	.07301
Stddev	.00018	.00011	.044	.00032	.00006	.03266	.00023	.00745
%RSD	22.053	41.488	.40895	18.583	.39147	7.3264	191.27	10.203

#1	-.00068	-.00022	10.771	.00164	.01513	.46874	.00029	.08021
#2	-.00074	-.00039	10.702	.00206	.01501	.40842	-.00014	.06534
#3	-.00102	-.00018	10.783	.00143	.01506	.46031	.00021	.07346

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4076	5.0354	-.00372	-.00336	.00527	.0130	.44256	3.9155
Stddev	.0168	.0297	.00017	.00173	.00234	.0007	.00091	.0734
%RSD	.31016	.59053	4.5167	51.571	44.336	5.030	.20614	1.8745

#1	5.3987	5.0374	-.00385	-.00476	.00614	.0122	.44308	3.8351
#2	5.3972	5.0641	-.00377	-.00389	.00262	.0134	.44309	3.9790
#3	5.4269	5.0047	-.00353	-.00142	.00705	.0133	.44151	3.9323

Sample Name: K2907-01LX5 Acquired: 5/20/2019 18:56:04 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0223
Stddev	.2216
%RSD	21.677

#1	.94129
#2	.85265
#3	1.2731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.9	50846.	4573.9	56.575	4070.2
Stddev	16.4	84.	19.6	.299	12.2
%RSD	.41518	.16565	.42743	.52868	.29975

#1	3961.8	50793.	4573.5	56.809	4079.3
#2	3941.2	50943.	4554.5	56.238	4056.3
#3	3973.7	50802.	4593.6	56.678	4075.1

Sample Name: K2907-01MS Acquired: 5/20/2019 19:00:28 Type: Unk
Method: P4-ICP2(v3135) 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	.74565	1.8548	.90075	1.8754	.73876	1.8193	.48268	.19368
Stddev	.00162	.0033	.00044	.0083	.00560	.0140	.00115	.00080
%RSD	.21724	.17693	.04853	.44264	.75863	.77053	.23803	.41072
#1	.74464	1.8586	.90094	1.8788	.73539	1.8125	.48170	.19452
#2	.74480	1.8531	.90025	1.8659	.73565	1.8101	.48240	.19294
#3	.74752	1.8527	.90105	1.8815	.74523	1.8355	.48395	.19358
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18074	140.79	.37092	.18017	.27641	3.4310	.19321	60.679
Stddev	.00034	.60	.00161	.00053	.00019	.0054	.00041	.426
%RSD	.18710	.42687	.43398	.29261	.07041	.15764	.21391	.70280
#1	.18036	141.15	.37278	.18003	.27636	3.4274	.19369	60.268
#2	.18083	141.12	.37007	.17973	.27663	3.4284	.19294	61.120
#3	.18102	140.09	.36992	.18076	.27625	3.4372	.19301	60.649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44672	.06813	54.174	.29201	.23078	11.792	.38038	.63243
Stddev	.00030	.00050	.213	.00080	.00045	.053	.00096	.03560
%RSD	.06641	.73038	.39405	.27347	.19353	.45009	.25329	5.6284
#1	.44706	.06802	54.000	.29194	.23041	11.747	.38055	.59823
#2	.44659	.06769	54.109	.29125	.23065	11.780	.37934	.66928
#3	.44651	.06867	54.412	.29284	.23128	11.851	.38125	.62978
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.320	F 23.795	.64393	.17747	.20731	5.626	2.2215	4.5438
Stddev	.033	.192	.00235	.00083	.00084	.008	.0052	.0634
%RSD	.12589	.80495	.36467	.46938	.40522	.1350	.23319	1.3943
#1	26.351	23.959	.64170	.17655	.20803	5.617	2.2257	4.5062
#2	26.325	23.842	.64372	.17770	.20752	5.630	2.2230	4.5082
#3	26.285	23.585	.64638	.17816	.20639	5.630	2.2157	4.6169

Sample Name: K2907-01MS Acquired: 5/20/2019 19:00:28 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.75136
Stddev	.22702
%RSD	30.214

#1	.92303
#2	.83709
#3	.49397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.4	50865.	4638.9	56.819	3878.1
Stddev	9.3	24.	34.7	1.043	7.4
%RSD	.23766	.04733	.74908	1.8349	.19028

#1	3913.8	50854.	4612.6	57.528	3885.2
#2	3909.5	50848.	4625.8	57.307	3878.6
#3	3896.0	50892.	4678.3	55.622	3870.5

Sample Name: K2907-01MSD Acquired: 5/20/2019 19:04:32 Type: Unk
Method: P4-ICP2(v3135) 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	.76721	1.9041	.92361	1.9425	.76520	1.8911	.50375	.19918
Stddev	.00259	.0060	.00179	.0058	.00103	.0209	.00153	.00056
%RSD	.33743	.31252	.19407	.29720	.13435	1.1026	.30343	.28048
#1	.77011	1.9060	.92539	1.9440	.76638	1.8857	.50230	.19864
#2	.76514	1.9089	.92363	1.9474	.76451	1.8735	.50360	.19975
#3	.76637	1.8974	.92181	1.9361	.76472	1.9141	.50534	.19916
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18600	143.99	.37885	.18514	.28385	3.5104	.19758	62.927
Stddev	.00026	.30	.00045	.00046	.00027	.0043	.00026	.563
%RSD	.14183	.20823	.11968	.24877	.09564	.12373	.13018	.89499
#1	.18617	143.93	.37833	.18545	.28355	3.5095	.19770	62.577
#2	.18613	144.31	.37913	.18535	.28391	3.5151	.19729	62.626
#3	.18570	143.72	.37910	.18461	.28409	3.5066	.19776	63.576
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45767	.06902	56.493	.29978	.23146	12.311	.38993	.65798
Stddev	.00076	.00033	.071	.00108	.00043	.077	.00033	.02741
%RSD	.16632	.47579	.12531	.35914	.18429	.62366	.08529	4.1661
#1	.45845	.06866	56.507	.29911	.23194	12.269	.39013	.68687
#2	.45693	.06931	56.416	.30103	.23129	12.265	.38954	.63233
#3	.45763	.06907	56.556	.29922	.23114	12.400	.39011	.65476
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.151	F 23.895	.65870	.18044	.20878	5.803	2.2853	4.8811
Stddev	.062	.128	.00234	.00167	.00088	.004	.0027	.0681
%RSD	.22851	.53633	.35458	.92349	.42367	.0747	.11933	1.3949
#1	27.163	23.913	.65604	.17858	.20777	5.799	2.2872	4.9413
#2	27.206	24.013	.66041	.18179	.20914	5.808	2.2865	4.8072
#3	27.084	23.759	.65965	.18094	.20943	5.803	2.2821	4.8949

Sample Name: K2907-01MSD Acquired: 5/20/2019 19:04:32 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4028
Stddev	.4302
%RSD	30.669

#1	1.6828
#2	1.6182
#3	.90740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.6	50466.	4695.6	56.780	3837.7
Stddev	8.3	92.	9.4	1.095	6.7
%RSD	.21490	.18183	.19950	1.9294	.17539

#1	3861.5	50451.	4690.7	55.918	3831.6
#2	3872.7	50564.	4689.7	56.408	3836.6
#3	3877.7	50382.	4706.4	58.013	3844.9

Sample Name: K2907-01A Acquired: 5/20/2019 19:08:36 Type: Unk
Method: P4-ICP2(v3135) 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	.75840	1.8819	.91630	1.9135	.75377	1.8814	.49354	.19733
Stddev	.00137	.0018	.00117	.0064	.00163	.0180	.00128	.00022
%RSD	.18037	.09643	.12741	.33572	.21690	.95669	.25882	.11289
#1	.75783	1.8808	.91618	1.9192	.75271	1.9001	.49315	.19759
#2	.75741	1.8840	.91751	1.9065	.75565	1.8642	.49251	.19716
#3	.75996	1.8809	.91519	1.9148	.75294	1.8798	.49497	.19725
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18345	141.95	.37565	.18250	.28103	3.4755	.19538	62.038
Stddev	.00004	.99	.00056	.00091	.00077	.0071	.00052	.559
%RSD	.02449	.69765	.14803	.49977	.27417	.20478	.26702	.90167
#1	.18345	140.83	.37586	.18178	.28024	3.4826	.19598	62.649
#2	.18349	142.72	.37502	.18352	.28108	3.4754	.19503	61.550
#3	.18340	142.29	.37607	.18218	.28178	3.4684	.19513	61.915
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45222	.06855	55.464	.29500	.23085	12.024	.38485	.65149
Stddev	.00087	.00021	.104	.00081	.00049	.050	.00054	.01023
%RSD	.19233	.30171	.18683	.27560	.21390	.41309	.14049	1.5696
#1	.45135	.06858	55.421	.29517	.23061	12.081	.38522	.64056
#2	.45309	.06833	55.388	.29411	.23142	11.996	.38510	.65311
#3	.45223	.06874	55.582	.29571	.23052	11.994	.38423	.66082
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.722	F 23.832	.65100	.18062	.20927	5.714	2.2546	4.5484
Stddev	.067	.149	.00329	.00201	.00067	.005	.0121	.0846
%RSD	.25003	.62711	.50515	1.1115	.32094	.0968	.53647	1.8590
#1	26.645	23.675	.64721	.17902	.20870	5.710	2.2406	4.4747
#2	26.760	23.973	.65283	.17997	.21001	5.721	2.2617	4.5297
#3	26.761	23.847	.65298	.18287	.20909	5.713	2.2614	4.6407

Sample Name: K2907-01A Acquired: 5/20/2019 19:08:36 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3589
Stddev	.1936
%RSD	14.250

#1	1.2343
#2	1.5820
#3	1.2604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.3	50283.	4657.3	56.012	3849.4
Stddev	9.4	115.	14.0	.523	5.0
%RSD	.24308	.22864	.30141	.93423	.12980

#1	3878.1	50153.	4671.7	56.396	3852.9
#2	3890.6	50373.	4643.6	56.225	3851.7
#3	3872.2	50321.	4656.8	55.416	3843.7

Sample Name: K2907-02 Acquired: 5/20/2019 19:12:40 Type: Unk
Method: P4-ICP2(v3135) 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	.00039	-.00020	.01709	-.00058	-.00010	3.0423	.28672	.00029
Stddev	.00285	.00312	.00045	.00340	.00152	.0344	.00222	.00001
%RSD	730.54	1553.5	2.6090	582.18	1528.9	1.1312	.77360	3.0911

#1	-.00221	.00339	.01735	-.00440	-.00002	3.0082	.28471	.00030
#2	-.00006	-.00172	.01657	.00215	.00138	3.0416	.28636	.00028
#3	.00343	-.00228	.01733	.00049	-.00166	3.0771	.28910	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	232.95	.01028	.03075	.03289	7.2076	4.9515	94.951
Stddev	.00009	.98	.00030	.00017	.00015	.0103	.0073	.184
%RSD	8.4064	.42235	2.8985	.55395	.45627	.14261	.14712	.19338

#1	.00113	233.59	.01062	.03057	.03274	7.2005	4.9497	94.760
#2	.00095	231.82	.01006	.03091	.03289	7.2029	4.9453	94.967
#3	.00106	233.45	.01016	.03077	.03304	7.2194	4.9595	95.127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02063	-.00060	816.07	.00220	.27516	6.3776	.00101	1.3175
Stddev	.00006	.00025	5.02	.00023	.00037	.0768	.00011	.0144
%RSD	.31492	41.039	.61505	10.669	.13352	1.2040	10.880	1.0963

#1	.02067	-.00067	817.49	.00246	.27490	6.2889	.00088	1.3029
#2	.02055	-.00081	820.23	.00201	.27500	6.4214	.00109	1.3318
#3	.02066	-.00033	810.49	.00212	.27558	6.4225	.00105	1.3179

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.158	F 12.946	-.00517	.14594	.01474	.1898	1.5490	5.4773
Stddev	.034	.062	.00057	.00256	.00203	.0017	.0035	.0391
%RSD	.22216	.48133	11.066	1.7569	13.779	.8829	.22849	.71478

#1	15.141	13.017	-.00452	.14593	.01330	.1909	1.5502	5.4490
#2	15.136	12.919	-.00541	.14339	.01707	.1879	1.5450	5.5220
#3	15.197	12.902	-.00558	.14851	.01386	.1906	1.5518	5.4609

Sample Name: K2907-02 Acquired: 5/20/2019 19:12:40 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4183
Stddev	.0539
%RSD	1.2208

#1	4.4713
#2	4.3634
#3	4.4203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.8	47431.	4727.4	53.867	3326.0
Stddev	5.5	20.	22.0	.818	4.7
%RSD	.14967	.04235	.46522	1.5185	.14192

#1	3678.3	47438.	4702.9	54.316	3320.9
#2	3689.4	47447.	4734.0	54.362	3330.1
#3	3683.6	47409.	4745.4	52.923	3327.1

Sample Name: CCV05 Acquired: 5/20/2019 19:26:14 Type: Unk
Method: P4-ICP2(v3135) 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	5.0275	5.1519	5.0154	5.0498	5.0218	9.7820	10.039	.25603
Stddev	.0082	.0036	.0014	.0047	.0076	.0536	.069	.00048
%RSD	.16258	.06895	.02750	.09406	.15188	.54791	.68848	.18730
#1	5.0230	5.1498	5.0147	5.0533	5.0281	9.7793	10.115	.25620
#2	5.0369	5.1499	5.0145	5.0444	5.0241	9.7298	10.024	.25641
#3	5.0226	5.1560	5.0170	5.0518	5.0133	9.8369	9.9793	.25549
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5247	25.167	1.0068	2.5244	1.2594	5.0557	2.5833	24.765
Stddev	.0024	.126	.0014	.0006	.0033	.0131	.0048	.080
%RSD	.09289	.50169	.14362	.02505	.26142	.25977	.18650	.32128
#1	2.5249	25.058	1.0052	2.5240	1.2625	5.0456	2.5808	24.827
#2	2.5223	25.137	1.0081	2.5241	1.2597	5.0509	2.5802	24.793
#3	2.5270	25.305	1.0070	2.5251	1.2559	5.0706	2.5888	24.675
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5299	1.2536	24.944	2.5390	2.5282	25.228	5.1075	5.0430
Stddev	.0031	.0028	.098	.0052	.0023	.134	.0050	.0229
%RSD	.12198	.22239	.39391	.20279	.09061	.52970	.09731	.45344
#1	2.5312	1.2515	25.058	2.5369	2.5256	25.379	5.1076	5.0503
#2	2.5264	1.2526	24.889	2.5352	2.5296	25.176	5.1124	5.0174
#3	2.5321	1.2568	24.886	2.5449	2.5295	25.127	5.1024	5.0614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9975	4.9309	5.0447	5.0249	4.8437	5.036	5.0307	4.7896
Stddev	.0093	.0357	.0068	.0292	.0251	.003	.0124	.0703
%RSD	.18542	.72420	.13532	.58172	.51927	.0570	.24586	1.4679
#1	5.0003	4.8904	5.0454	5.0159	4.8416	5.035	5.0287	4.8309
#2	4.9871	4.9445	5.0376	5.0012	4.8196	5.039	5.0194	4.7085
#3	5.0050	4.9579	5.0512	5.0576	4.8698	5.034	5.0439	4.8296

Sample Name: CCV05 Acquired: 5/20/2019 19:26:14 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8142
Stddev .1854
%RSD 6.5894

#1 2.9722
#2 2.6100
#3 2.8604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.6	49223.	4500.9	53.313	3747.2
Stddev	11.3	146.	7.4	1.541	7.4
%RSD	.29484	.29651	.16347	2.8910	.19849

#1	3814.9	49060.	4509.4	52.364	3740.4
#2	3815.4	49265.	4496.1	52.484	3746.1
#3	3834.7	49343.	4497.3	55.092	3755.2

Sample Name: CCB05 Acquired: 5/20/2019 19:30:21 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-051619 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00106	.00297	-.00218	-.00062	-.01507	.00073	.00005
Stddev	.00202	.00113	.00017	.00026	.00170	.00952	.00070	.00005
%RSD	813.59	106.71	5.6001	11.991	275.14	63.146	96.386	119.12
#1	-.00115	.00106	.00289	-.00204	.00134	-.01039	.00063	.00008
#2	.00256	.00220	.00286	-.00201	-.00149	-.00880	.00148	-.00002
#3	-.00066	-.00007	.00316	-.00248	-.00171	-.02602	.00008	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00727	-.00002	.00004	-.00067	-.00029	-.00008	-.05060
Stddev	.00004	.00394	.00022	.00013	.00008	.00075	.00004	.03149
%RSD	3093.6	54.214	1180.9	290.81	12.482	262.59	51.190	62.226
#1	.00004	-.01106	.00024	-.00007	-.00074	.00021	-.00009	-.06583
#2	-.00003	-.00319	-.00015	.00019	-.00058	.00008	-.00011	-.07159
#3	-.00001	-.00758	-.00015	.00001	-.00070	-.00115	-.00003	-.01440
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00023	.00296	.00034	-.00034	.03318	.00049	.00246
Stddev	.00023	.00020	.00934	.00002	.00015	.02699	.00011	.01698
%RSD	321.23	88.180	316.01	6.1504	45.124	81.333	22.841	688.81
#1	-.00024	.00008	-.00698	.00031	-.00016	.03840	.00061	.02157
#2	-.00016	.00016	.01155	.00035	-.00044	.00397	.00049	-.01088
#3	.00019	.00046	.00430	.00035	-.00042	.05718	.00038	-.00329
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00736	.00264	-.00122	-.00196	-.00071	-.0013	.00004	F 3.7024
Stddev	.00394	.00108	.00083	.00199	.00160	.0006	.00005	.1213
%RSD	53.552	40.844	67.873	101.69	225.16	47.49	110.71	3.2763
#1	.01105	.00227	-.00140	-.00084	.00045	-.0009	.00007	3.7368
#2	.00781	.00386	-.00032	-.00426	-.00253	-.0020	.00008	3.5675
#3	.00321	.00180	-.00195	-.00078	-.00004	-.0010	-.00001	3.8027

Sample Name: CCB05 Acquired: 5/20/2019 19:30:21 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-051619 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .55803
Stddev	.12394
%RSD	22.211

#1	.49260
#2	.48052
#3	.70098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.1	52091.	4583.7	56.860	4201.9
Stddev	4.3	73.	65.7	.483	7.8
%RSD	.10667	.13973	1.4325	.84984	.18631

#1	4005.0	52168.	4533.3	56.357	4205.0
#2	4007.8	52083.	4658.0	57.320	4207.6
#3	3999.4	52023.	4560.0	56.902	4193.0

Sample Name: K2907-03 Acquired: 5/20/2019 19:34:50 Type: Unk
Method: P4-ICP2(v3135) 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	-.00173	.00045	.00062	.00021	-.00269	.01865	.05435	.00015
Stddev	.00199	.00061	.00102	.00197	.00128	.00441	.00027	.00003
%RSD	115.20	134.92	164.38	957.46	47.445	23.653	.49293	19.782
#1	-.00356	.00106	-.00054	.00001	-.00218	.02144	.05448	.00019
#2	-.00203	.00047	.00138	.00226	-.00175	.02094	.05405	.00015
#3	.00040	-.00016	.00102	-.00166	-.00414	.01356	.05454	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	31.126	-.00089	.00439	.00131	2.5446	.87334	12.354
Stddev	.00004	.090	.00033	.00011	.00028	.0050	.00152	.066
%RSD	28.378	.28990	37.522	2.4755	21.150	.19747	.17394	.53365
#1	-.00019	31.143	-.00094	.00451	.00162	2.5455	.87160	12.347
#2	-.00018	31.206	-.00053	.00430	.00111	2.5392	.87442	12.291
#3	-.00011	31.028	-.00119	.00437	.00120	2.5492	.87400	12.423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00819	-.00011	126.34	-.00112	.07721	.94007	-.00055	.09859
Stddev	.00021	.00011	.41	.00039	.00026	.02450	.00011	.01887
%RSD	2.5178	104.62	.32144	34.650	.33117	2.6060	19.959	19.142
#1	.00842	-.00023	125.91	-.00155	.07692	.94625	-.00051	.11958
#2	.00801	.00000	126.40	-.00079	.07730	.96089	-.00046	.08302
#3	.00815	-.00011	126.72	-.00102	.07740	.91308	-.00067	.09319
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2533	F 13.096	-.00569	-.00281	-.00009	.0797	.22125	4.1150
Stddev	.0224	.024	.00023	.00021	.00014	.0018	.00110	.1969
%RSD	.30910	.18634	4.0553	7.6447	163.71	2.304	.49513	4.7844
#1	7.2541	13.121	-.00596	-.00287	-.00024	.0780	.22021	4.0898
#2	7.2306	13.093	-.00556	-.00257	.00005	.0816	.22239	4.3233
#3	7.2754	13.072	-.00556	-.00299	-.00008	.0794	.22116	3.9319

Sample Name: K2907-03 Acquired: 5/20/2019 19:34:50 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9552
Stddev	.2774
%RSD	14.190

#1	1.6814
#2	1.9481
#3	2.2362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.1	52029.	4862.0	59.213	4030.3
Stddev	11.8	84.	13.5	1.470	8.2
%RSD	.29369	.16232	.27762	2.4829	.20253

#1	3993.5	51978.	4854.3	58.885	4032.9
#2	4013.9	52127.	4854.0	57.935	4036.9
#3	4013.9	51983.	4877.5	60.820	4021.2

Sample Name: K2907-04 Acquired: 5/20/2019 19:39:13 Type: Unk
Method: P4-ICP2(v3135) 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	.00005	.00210	.00159	-.00153	-.00341	.01038	.10813	.00014
Stddev	.00366	.00151	.00062	.00248	.00134	.01144	.00142	.00007
%RSD	7053.9	72.060	38.961	162.06	39.231	110.31	1.3089	48.390
#1	-.00331	.00257	.00134	.00063	-.00269	.00649	.10728	.00017
#2	-.00048	.00332	.00230	-.00425	-.00258	.00138	.10976	.00006
#3	.00395	.00041	.00114	-.00098	-.00495	.02326	.10734	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	71.265	-.00060	.00001	-.00034	.28809	.98625	23.266
Stddev	.00005	.093	.00015	.00016	.00039	.00109	.00134	.132
%RSD	24.163	.13046	24.367	1380.7	113.57	.37697	.13607	.56916
#1	-.00016	71.372	-.00043	.00004	-.00029	.28821	.98653	23.144
#2	-.00027	71.220	-.00069	.00015	-.00075	.28695	.98479	23.407
#3	-.00024	71.203	-.00068	-.00016	.00002	.28912	.98743	23.247
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00026	69.524	.00102	.04568	1.8252	.01492	.21441
Stddev	.00005	.00024	.477	.00043	.00013	.0264	.00023	.01158
%RSD	22.169	91.208	.68566	42.542	.27813	1.4448	1.5105	5.4023
#1	-.00024	-.00040	68.992	.00146	.04554	1.8217	.01518	.20150
#2	-.00018	.00001	69.912	.00101	.04578	1.8531	.01481	.22389
#3	-.00028	-.00039	69.666	.00060	.04573	1.8007	.01478	.21784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.644	F 16.097	-.00674	-.00436	.01921	.3293	.42083	3.5954
Stddev	.025	.099	.00053	.00146	.00199	.0044	.00055	.1248
%RSD	.23588	.61496	7.8235	33.495	10.370	1.343	.12960	3.4698
#1	10.622	16.211	-.00735	-.00309	.01843	.3297	.42079	3.7394
#2	10.671	16.035	-.00644	-.00403	.01773	.3335	.42140	3.5234
#3	10.639	16.045	-.00643	-.00595	.02148	.3247	.42031	3.5233

Sample Name: K2907-04 Acquired: 5/20/2019 19:39:13 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0390
Stddev	.3411
%RSD	32.829

#1	.70089
#2	1.0331
#3	1.3830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.8	51790.	4800.7	57.877	4047.3
Stddev	10.1	142.	20.0	2.085	18.9
%RSD	.25273	.27404	.41694	3.6027	.46726

#1	4003.0	51951.	4777.8	56.148	4060.5
#2	3983.5	51683.	4814.7	57.290	4025.6
#3	3997.9	51736.	4809.8	60.192	4055.8

Sample Name: K2907-05 Acquired: 5/20/2019 19:43:36 Type: Unk
Method: P4-ICP2(v3135) 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	.00151	.00011	.00197	-.00080	-.00302	.00389	.11155	.00011
Stddev	.00050	.00071	.00035	.00134	.00053	.00743	.00072	.00005
%RSD	32.746	653.62	17.611	167.89	17.506	191.26	.64262	48.275
#1	.00185	-.00070	.00235	-.00086	-.00337	.00311	.11073	.00016
#2	.00175	.00061	.00168	.00057	-.00241	.01168	.11185	.00013
#3	.00094	.00042	.00187	-.00211	-.00328	-.00313	.11206	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	74.213	-.00107	.00002	-.00041	.26717	1.0340	24.315
Stddev	.00007	.108	.00015	.00021	.00010	.00302	.0013	.182
%RSD	26.745	.14578	14.156	1237.0	23.785	1.1312	.12369	.74852
#1	-.00032	74.111	-.00108	-.00020	-.00041	.27066	1.0344	24.109
#2	-.00018	74.326	-.00122	.00022	-.00030	.26537	1.0350	24.456
#3	-.00028	74.201	-.00092	.00003	-.00050	.26549	1.0326	24.379
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.00004	72.587	.00104	.02029	1.8881	.01552	.22266
Stddev	.00030	.00025	.268	.00057	.00006	.0148	.00013	.00987
%RSD	38.007	577.85	.36948	54.681	.30972	.78340	.83707	4.4329
#1	-.00104	-.00033	72.278	.00169	.02036	1.8781	.01538	.22552
#2	-.00046	.00013	72.730	.00062	.02027	1.9051	.01554	.23079
#3	-.00091	.00007	72.753	.00082	.02025	1.8811	.01563	.21168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.093	F 16.833	-.00705	-.00432	.02020	.3422	.43940	3.6997
Stddev	.024	.086	.00100	.00115	.00080	.0012	.00066	.2031
%RSD	.21484	.51065	14.184	26.576	3.9726	.3443	.15091	5.4908
#1	11.120	16.932	-.00610	-.00328	.02071	.3434	.44015	3.5506
#2	11.076	16.779	-.00809	-.00555	.02061	.3411	.43917	3.9311
#3	11.083	16.788	-.00695	-.00411	.01928	.3422	.43888	3.6175

Sample Name: K2907-05 Acquired: 5/20/2019 19:43:36 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1918
Stddev	.1480
%RSD	12.414

#1	1.3075
#2	1.2427
#3	1.0251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.6	51302.	4759.8	57.384	4026.9
Stddev	6.9	103.	18.8	1.104	1.1
%RSD	.17257	.20158	.39529	1.9241	.02746

#1	3978.9	51355.	4739.6	56.146	4026.4
#2	3965.3	51368.	4776.8	58.267	4028.2
#3	3970.6	51183.	4762.9	57.739	4026.2

Sample Name: K2907-06 Acquired: 5/20/2019 19:47:59 Type: Unk
Method: P4-ICP2(v3135) 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	.00521	.00293	.00186	-.00109	-.00441	-.01018	.30330	.00018
Stddev	.00224	.00094	.00119	.00185	.00080	.00855	.00245	.00003
%RSD	43.042	32.139	63.897	169.72	18.234	83.948	.80829	15.813
#1	.00286	.00332	.00323	-.00129	-.00414	-.00521	.30193	.00019
#2	.00544	.00186	.00108	-.00284	-.00377	-.02005	.30183	.00015
#3	.00733	.00362	.00128	.00085	-.00531	-.00528	.30613	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	163.22	.00006	-.00020	.00015	1.1275	.01321	70.467
Stddev	.00006	.24	.00018	.00009	.00015	.0007	.00003	.720
%RSD	13.984	.14606	304.24	47.349	98.807	.06475	.19013	1.0221
#1	-.00043	163.49	-.00014	-.00010	-.00002	1.1275	.01322	69.731
#2	-.00038	163.06	.00012	-.00021	.00026	1.1267	.01324	70.498
#3	-.00050	163.10	.00020	-.00029	.00022	1.1282	.01319	71.171
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00045	63.822	.01312	.01135	2.3720	.00024	.45538
Stddev	.00039	.00030	.437	.00002	.00009	.0368	.00010	.00948
%RSD	20.245	67.563	.68410	.19037	.79495	1.5520	41.053	2.0815
#1	-.00166	-.00067	63.448	.01309	.01141	2.3561	.00024	.44455
#2	-.00175	-.00057	63.716	.01314	.01139	2.3459	.00035	.46216
#3	-.00238	-.00010	64.302	.01313	.01124	2.4142	.00015	.45942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.736	F 22.379	-.01216	-.00842	.02937	.0456	2.9438	4.3693
Stddev	.032	.096	.00015	.00086	.00104	.0023	.0014	.1163
%RSD	.13400	.42862	1.2080	10.261	3.5446	5.008	.04770	2.6624
#1	23.703	22.474	-.01216	-.00831	.03051	.0430	2.9426	4.4883
#2	23.767	22.382	-.01230	-.00934	.02847	.0471	2.9434	4.3637
#3	23.739	22.282	-.01201	-.00762	.02914	.0466	2.9453	4.2559

Sample Name: K2907-06 Acquired: 5/20/2019 19:47:59 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9838
Stddev	.3241
%RSD	16.335

#1	2.0837
#2	1.6216
#3	2.2462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.5	50155.	4691.9	56.667	3842.4
Stddev	1.6	112.	19.9	.749	5.1
%RSD	.04251	.22269	.42321	1.3209	.13295

#1	3864.9	50238.	4672.1	56.875	3847.5
#2	3862.7	50200.	4691.8	55.837	3837.3
#3	3865.9	50028.	4711.8	57.290	3842.3

Sample Name: K2907-07 Acquired: 5/20/2019 19:52:22 Type: Unk
Method: P4-ICP2(v3135) 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	.00214	.00108	.00228	-.00010	-.00351	-.01610	.73836	.00024
Stddev	.00205	.00079	.00017	.00241	.00154	.00666	.00273	.00005
%RSD	96.055	73.394	7.5371	2421.2	43.744	41.329	.36993	21.403

#1	-.00022	.00195	.00211	.00155	-.00288	-.02234	.73629	.00019
#2	.00313	.00087	.00229	-.00287	-.00526	-.01687	.73733	.00029
#3	.00350	.00041	.00245	.00101	-.00239	-.00910	.74146	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	152.57	-.00045	-.00038	-.00006	2.7733	.01288	61.092
Stddev	.00004	1.07	.00028	.00024	.00013	.0089	.00005	.257
%RSD	10.229	.70369	62.309	63.768	228.54	.31962	.36336	.42108

#1	-.00033	152.29	-.00060	-.00066	.00007	2.7820	.01283	60.881
#2	-.00040	151.67	-.00013	-.00023	-.00019	2.7643	.01288	61.017
#3	-.00040	153.76	-.00061	-.00025	-.00005	2.7737	.01292	61.378

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	-.00080	62.073	.00912	.01331	2.7610	.00010	.31470
Stddev	.00025	.00006	.155	.00021	.00005	.0069	.00003	.00853
%RSD	12.067	7.1870	.24909	2.2861	.34843	.24834	33.140	2.7091

#1	-.00233	-.00074	62.000	.00888	.01327	2.7576	.00014	.31723
#2	-.00200	-.00083	61.968	.00921	.01336	2.7564	.00007	.32167
#3	-.00185	-.00084	62.250	.00926	.01332	2.7688	.00010	.30520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.903	F 21.263	-.00849	-.00940	.03019	.0618	1.2811	4.6113
Stddev	.053	.076	.00072	.00222	.00152	.0004	.0096	.1323
%RSD	.33302	.35682	8.4944	23.640	5.0445	.6059	.74891	2.8695

#1	15.843	21.304	-.00847	-.00758	.03191	.0618	1.2790	4.4661
#2	15.941	21.176	-.00777	-.00874	.02963	.0622	1.2728	4.6426
#3	15.926	21.310	-.00921	-.01188	.02902	.0614	1.2917	4.7251

Sample Name: K2907-07 Acquired: 5/20/2019 19:52:22 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3412
Stddev .4360
%RSD 18.623

#1 2.6534
#2 1.8431
#3 2.5272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3851.9	50535.	4746.4	56.760	3829.1
Stddev	4.5	105.	27.5	.625	11.0
%RSD	.11663	.20763	.57949	1.1017	.28631

#1	3854.6	50465.	4743.4	56.739	3841.7
#2	3846.7	50656.	4775.3	57.395	3821.7
#3	3854.3	50486.	4720.6	56.145	3823.8

Sample Name: K2907-08 Acquired: 5/20/2019 19:56:44 Type: Unk
Method: P4-ICP2(v3135) 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	.00247	.00184	.00155	.00172	-.00366	-.00970	.10574	.00017
Stddev	.00174	.00101	.00062	.00062	.00036	.00742	.00150	.00014
%RSD	70.379	54.762	39.811	35.945	9.8584	76.416	1.4217	81.736
#1	.00376	.00221	.00094	.00145	-.00329	-.01311	.10561	.00001
#2	.00049	.00261	.00154	.00129	-.00401	-.00120	.10431	.00024
#3	.00315	.00070	.00217	.00243	-.00366	-.01481	.10730	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	130.13	-.00029	-.00009	-.00019	.57849	.03407	53.277
Stddev	.00011	.34	.00035	.00014	.00014	.00152	.00018	.431
%RSD	41.208	.25764	121.12	159.26	72.433	.26311	.52665	.80936
#1	-.00016	130.31	-.00064	-.00023	-.00009	.57758	.03391	53.480
#2	-.00037	130.34	.00005	-.00007	-.00014	.58025	.03426	52.782
#3	-.00024	129.74	-.00026	.00004	-.00035	.57764	.03403	53.570
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	-.00066	70.417	.00831	.01301	1.5938	.00465	.77894
Stddev	.00034	.00037	.196	.00051	.00004	.0127	.00012	.00166
%RSD	21.911	56.517	.27836	6.1270	.26999	.79385	2.5198	.21348
#1	-.00132	-.00089	70.517	.00774	.01303	1.6033	.00471	.77794
#2	-.00192	-.00085	70.191	.00871	.01303	1.5795	.00452	.78086
#3	-.00136	-.00023	70.541	.00850	.01297	1.5988	.00473	.77803
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.012	F 17.802	-.02020	-.00701	.02871	.0416	3.6924	4.5903
Stddev	.065	.118	.00086	.00139	.00065	.0019	.0107	.0517
%RSD	.14540	.66093	4.2447	19.782	2.2685	4.543	.28873	1.1258
#1	44.999	17.865	-.01942	-.00584	.02889	.0437	3.6959	4.5356
#2	44.955	17.875	-.02112	-.00854	.02799	.0414	3.7009	4.6383
#3	45.083	17.667	-.02007	-.00664	.02925	.0399	3.6805	4.5970

Sample Name: K2907-08 Acquired: 5/20/2019 19:56:44 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7032
Stddev	.2228
%RSD	13.083

#1	1.4617
#2	1.9008
#3	1.7470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3882.0	50703.	4750.7	56.209	3880.0
Stddev	2.9	185.	35.2	.214	11.4
%RSD	.07432	.36519	.73992	.38001	.29464

#1	3879.7	50490.	4727.0	56.032	3885.7
#2	3881.2	50827.	4734.1	56.446	3887.5
#3	3885.3	50792.	4791.1	56.149	3866.9

Sample Name: K2907-09 Acquired: 5/20/2019 20:01:06 Type: Unk
Method: P4-ICP2(v3135) 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	.00036	-.00062	-.00208	-.00135	-.01329	.00045	.00005
Stddev	.00208	.00054	.00020	.00059	.00051	.00777	.00009	.00005
%RSD	38439.	150.41	31.769	28.235	37.861	58.469	19.649	98.472

#1	.00214	-.00016	-.00061	-.00271	-.00109	-.01950	.00050	.00007
#2	-.00202	.00092	-.00083	-.00200	-.00195	-.00458	.00050	.00008
#3	-.00011	.00032	-.00043	-.00154	-.00103	-.01579	.00035	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.02078	.00006	.00004	-.00027	.00035	-.00007	-.00785
Stddev	.00001	.00931	.00029	.00012	.00016	.00059	.00003	.03974
%RSD	11.271	44.804	471.75	259.54	57.824	170.85	47.767	506.08

#1	.00006	.02753	.00004	-.00009	-.00036	.00103	-.00005	.01070
#2	.00008	.01016	.00036	.00010	-.00036	.00005	-.00005	-.05348
#3	.00007	.02465	-.00022	.00012	-.00009	-.00004	-.00011	.01922

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00024	-.00059	.00037	.02169	-.03634	.00000	.00200
Stddev	.00029	.00035	.00414	.00031	.00004	.02262	.00015	.01197
%RSD	20.598	142.75	696.88	83.438	.16792	62.241	3519.9	597.96

#1	.00127	-.00037	.00230	.00022	.02168	-.05397	-.00016	.00973
#2	.00172	.00015	-.00533	.00072	.02173	-.01084	.00012	-.01179
#3	.00119	-.00051	.00125	.00016	.02166	-.04422	.00005	.00806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01742	-.00049	-.00457	-.00295	-.00521	.0011	.00015	1.6046
Stddev	.00124	.00154	.00050	.00108	.00067	.0013	.00005	.3209
%RSD	7.0998	315.01	10.977	36.515	12.935	119.1	30.335	19.999

#1	.01810	-.00117	-.00399	-.00187	-.00470	-.0004	.00010	1.9172
#2	.01599	-.00157	-.00483	-.00403	-.00496	.0021	.00017	1.6204
#3	.01817	.00127	-.00489	-.00295	-.00597	.0015	.00019	1.2760

Sample Name: K2907-09 Acquired: 5/20/2019 20:01:06 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .56916
Stddev .23801
%RSD 41.818

#1 .83774
#2 .38442
#3 .48531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4209.6	55243.	4885.3	59.358	4496.4
Stddev	4.2	150.	9.2	1.070	5.4
%RSD	.10026	.27202	.18858	1.8022	.12027

#1	4214.3	55417.	4882.5	60.593	4493.4
#2	4208.5	55157.	4877.7	58.714	4493.1
#3	4206.1	55156.	4895.5	58.768	4502.6

Sample Name: K2907-10 Acquired: 5/20/2019 20:05:35 Type: Unk
Method: P4-ICP2(v3135) 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	.00076	.00220	.00438	-.00242	-.00173	.08291	.12356	.00009
Stddev	.00113	.00144	.00101	.00299	.00191	.00258	.00045	.00008
%RSD	148.78	65.632	23.022	123.44	110.35	3.1109	.36516	91.598

#1	-.00011	.00056	.00323	-.00008	-.00317	.08085	.12408	.00017
#2	.00036	.00278	.00513	-.00579	.00044	.08580	.12328	.00002
#3	.00203	.00327	.00477	-.00140	-.00246	.08209	.12332	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	159.27	.00231	.00007	.00294	.33822	.56430	92.648
Stddev	.00005	1.32	.00011	.00020	.00004	.00133	.00148	.089
%RSD	19.813	.83151	4.9491	308.69	1.3899	.39280	.26259	.09636

#1	-.00022	159.28	.00243	.00024	.00298	.33668	.56291	92.686
#2	-.00027	157.94	.00228	.00011	.00293	.33899	.56414	92.713
#3	-.00032	160.59	.00221	-.00016	.00290	.33898	.56586	92.546

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00072	562.32	.00016	.03275	2.3564	-.00028	.34079
Stddev	.00026	.00052	5.09	.00016	.00013	.0148	.00030	.01510
%RSD	78.128	72.181	.90584	97.818	.38434	.62665	107.83	4.4297

#1	-.00059	-.00048	568.07	.00023	.03289	2.3692	-.00042	.35285
#2	-.00032	-.00132	558.38	-.00002	.03270	2.3402	-.00049	.34566
#3	-.00007	-.00036	560.51	.00027	.03265	2.3597	.00007	.32386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.090	F 13.317	-.01728	-.00485	.01440	.0162	.81903	5.3026
Stddev	.211	.098	.00078	.00134	.00059	.0018	.00640	.1397
%RSD	.50081	.73858	4.4863	27.562	4.0842	10.96	.78125	2.6351

#1	42.229	13.301	-.01722	-.00382	.01507	.0142	.82052	5.1950
#2	42.193	13.227	-.01654	-.00636	.01412	.0175	.81202	5.4606
#3	41.847	13.422	-.01809	-.00435	.01400	.0168	.82456	5.2523

Sample Name: K2907-10 Acquired: 5/20/2019 20:05:35 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3406
Stddev	.1025
%RSD	4.3806

#1	2.3839
#2	2.4143
#3	2.2235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.6	46812.	4601.4	55.784	3515.7
Stddev	14.1	148.	31.3	1.213	14.3
%RSD	.38658	.31641	.68123	2.1748	.40611

#1	3659.3	46669.	4600.5	56.608	3515.6
#2	3642.8	46964.	4633.2	54.391	3501.4
#3	3670.9	46802.	4570.5	56.355	3530.0

Sample Name: K2907-11 Acquired: 5/20/2019 20:10:06 Type: Unk
Method: P4-ICP2(v3135) 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	.00486	.00141	.00281	.00002	-.00182	.00330	.05494	.00008
Stddev	.00085	.00027	.00068	.00286	.00049	.01167	.00074	.00009
%RSD	17.497	19.301	24.128	13631.	26.819	353.36	1.3504	110.49

#1	.00399	.00110	.00355	.00076	-.00236	-.00860	.05409	.00018
#2	.00490	.00163	.00222	-.00314	-.00167	.00378	.05538	-.00000
#3	.00569	.00149	.00266	.00244	-.00142	.01472	.05536	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	41.289	-.00088	.00019	-.00023	.31605	1.0612	7.5171
Stddev	.00006	.270	.00029	.00019	.00025	.00079	.0027	.0788
%RSD	36.290	.65500	33.307	98.816	106.37	.25053	.25948	1.0478

#1	-.00014	41.347	-.00066	.00034	-.00043	.31696	1.0632	7.4274
#2	-.00011	40.995	-.00077	-.00002	-.00031	.31567	1.0580	7.5492
#3	-.00022	41.526	-.00122	.00025	.00004	.31552	1.0623	7.5748

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00026	137.63	-.00166	.01409	1.6109	.02226	.41671
Stddev	.00040	.00047	.65	.00033	.00004	.0384	.00004	.01096
%RSD	164.05	183.33	.46968	20.128	.29309	2.3839	.18532	2.6298

#1	.00013	-.00015	137.11	-.00142	.01412	1.5684	.02222	.42506
#2	-.00020	.00077	137.43	-.00151	.01404	1.6212	.02226	.40430
#3	-.00066	.00015	138.35	-.00204	.01411	1.6432	.02230	.42077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78547	7.9688	-.00339	-.00262	-.00120	.2878	.18923	3.9039
Stddev	.00283	.0487	.00066	.00113	.00169	.0004	.00077	.0399
%RSD	.36001	.61108	19.501	43.327	140.27	.1255	.40460	1.0222

#1	.78844	8.0244	-.00373	-.00174	-.00015	.2876	.19011	3.9494
#2	.78516	7.9337	-.00263	-.00221	-.00030	.2882	.18874	3.8749
#3	.78281	7.9484	-.00381	-.00390	-.00315	.2876	.18883	3.8874

Sample Name: K2907-11 Acquired: 5/20/2019 20:10:06 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3061
 Stddev .4428
 %RSD 33.902

#1 1.2771
 #2 1.7627
 #3 .87852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3952.6	50948.	4748.5	57.967	3954.4
Stddev	18.1	60.	27.0	1.535	8.0
%RSD	.45735	.11724	.56803	2.6475	.20244

#1	3954.0	50992.	4717.5	58.574	3955.1
#2	3969.9	50972.	4766.6	56.221	3962.0
#3	3933.8	50880.	4761.5	59.105	3946.0

Sample Name: K2932-01 Acquired: 5/20/2019 20:14:30 Type: Unk
Method: P4-ICP2(v3135) 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	.00830	.00172	.00117	-.00062	.00021	.18844	.00599	.00010
Stddev	.00262	.00041	.00046	.00101	.00142	.00245	.00042	.00006
%RSD	31.571	23.658	39.051	163.68	688.94	1.2992	7.0044	61.324

#1	.00906	.00130	.00154	-.00105	-.00143	.18992	.00565	.00003
#2	.01046	.00175	.00131	-.00135	.00113	.18979	.00587	.00012
#3	.00538	.00211	.00066	.00054	.00092	.18562	.00646	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	14.136	.00100	.00020	.00694	.03763	.00311	.54714
Stddev	.00001	.011	.00008	.00015	.00022	.00041	.00005	.03048
%RSD	11.750	.07724	7.7631	75.432	3.1646	1.0965	1.7588	5.5712

#1	.00013	14.144	.00095	.00004	.00672	.03763	.00305	.51899
#2	.00013	14.140	.00109	.00034	.00693	.03804	.00315	.54293
#3	.00010	14.123	.00095	.00021	.00716	.03721	.00313	.57952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	.00023	97.578	.01778	.01418	1.1130	.14142	1.1678
Stddev	.00028	.00008	.632	.00016	.00005	.0496	.00023	.0129
%RSD	12.506	36.204	.64740	.87625	.35097	4.4557	.16161	1.1083

#1	.00258	.00016	96.884	.01775	.01422	1.0582	.14167	1.1528
#2	.00215	.00032	98.119	.01764	.01412	1.1547	.14122	1.1746
#3	.00205	.00020	97.732	.01795	.01419	1.1262	.14138	1.1758

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.180	8.9483	-.00958	.00004	-.00365	.1062	.06759	3.6468
Stddev	.035	.1234	.00055	.00055	.00033	.0009	.00017	.0886
%RSD	.20485	1.3789	5.7598	1516.7	9.0644	.8191	.24820	2.4297

#1	17.220	9.0907	-.00925	.00067	-.00327	.1071	.06758	3.6145
#2	17.165	8.8744	-.01021	-.00034	-.00387	.1063	.06776	3.5788
#3	17.154	8.8797	-.00927	-.00022	-.00381	.1053	.06742	3.7470

Sample Name: K2932-01 Acquired: 5/20/2019 20:14:30 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.70998
Stddev	.22115
%RSD	31.149

#1	.87368
#2	.45840
#3	.79786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4036.3	52010.	4866.9	59.355	4109.4
Stddev	12.8	32.	56.3	1.563	14.9
%RSD	.31783	.06212	1.1567	2.6329	.36173

#1	4022.6	51993.	4802.0	60.653	4094.5
#2	4038.3	51991.	4902.0	59.792	4109.6
#3	4048.0	52048.	4896.8	57.620	4124.2

Sample Name: CCV06 Acquired: 5/20/2019 20:18:55 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0719	5.1882	5.0563	5.1042	5.0928	9.9410	10.224	.25807
Stddev	.0016	.0092	.0098	.0108	.0080	.0344	.041	.00037
%RSD	.03184	.17805	.19292	.21152	.15799	.34613	.40359	.14373
#1	5.0729	5.1810	5.0451	5.0945	5.0839	9.9604	10.254	.25770
#2	5.0728	5.1850	5.0606	5.1022	5.0996	9.9013	10.241	.25809
#3	5.0700	5.1986	5.0631	5.1158	5.0949	9.9613	10.177	.25844
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5462	25.335	1.0144	2.5438	1.2703	5.0891	2.5938	25.018
Stddev	.0045	.066	.0010	.0051	.0018	.0072	.0039	.078
%RSD	.17491	.26134	.09550	.20190	.13972	.14159	.15114	.31060
#1	2.5421	25.302	1.0133	2.5410	1.2690	5.0819	2.5899	25.097
#2	2.5456	25.291	1.0151	2.5406	1.2723	5.0892	2.5940	25.017
#3	2.5509	25.411	1.0149	2.5497	1.2696	5.0963	2.5977	24.941
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5495	1.2596	24.862	2.5506	2.5507	25.420	5.1490	5.0978
Stddev	.0044	.0014	.098	.0010	.0046	.074	.0040	.0125
%RSD	.17250	.10966	.39220	.03833	.18180	.29201	.07695	.24566
#1	2.5449	1.2611	24.936	2.5500	2.5467	25.492	5.1445	5.1116
#2	2.5499	1.2585	24.752	2.5518	2.5497	25.344	5.1522	5.0945
#3	2.5537	1.2591	24.899	2.5502	2.5558	25.424	5.1502	5.0873
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0501	4.9461	5.0687	5.0536	4.8851	5.087	5.0847	4.7079
Stddev	.0240	.0295	.0150	.0164	.0379	.021	.0299	.0455
%RSD	.47582	.59639	.29691	.32373	.77495	.4152	.58799	.96703
#1	5.0236	4.9369	5.0572	5.0523	4.8970	5.069	5.0979	4.6890
#2	5.0561	4.9223	5.0631	5.0379	4.8427	5.082	5.0505	4.6750
#3	5.0705	4.9791	5.0857	5.0706	4.9155	5.110	5.1057	4.7599

Sample Name: CCV06 Acquired: 5/20/2019 20:18:55 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9749
Stddev .2073
%RSD 6.9673

#1 2.8138
#2 2.9022
#3 3.2087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3794.7	48738.	4496.9	53.028	3721.9
Stddev	9.6	198.	15.8	.954	5.1
%RSD	.25241	.40709	.35023	1.7990	.13672

#1	3795.2	48514.	4482.7	52.000	3727.5
#2	3784.9	48805.	4513.8	53.198	3717.6
#3	3804.0	48894.	4494.3	53.885	3720.4

Sample Name: CCB06 Acquired: 5/20/2019 20:23:02 Type: Unk
Method: P4-ICP2(v3135) 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	-.00006	.00122	F .00324	-.00125	.00097	-.01880	.00095	.00009
Stddev	.00141	.00061	.00037	.00092	.00017	.00800	.00011	.00007
%RSD	2518.8	49.978	11.458	73.227	17.140	42.532	11.635	77.370
#1	-.00156	.00124	.00304	-.00214	.00116	-.02715	.00095	.00005
#2	.00016	.00060	.00301	-.00031	.00090	-.01802	.00083	.00017
#3	.00123	.00183	.00367	-.00131	.00085	-.01122	.00105	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01125	-.00007	.00007	-.00062	.00012	-.00011	-.03945
Stddev	.00003	.00604	.00028	.00012	.00015	.00035	.00008	.04332
%RSD	99.432	53.702	432.18	168.52	23.507	281.03	71.143	109.81
#1	.00000	-.01556	-.00031	-.00001	-.00070	-.00009	-.00006	.01057
#2	-.00004	-.00434	.00024	.00002	-.00045	-.00007	-.00021	-.06473
#3	-.00004	-.01384	-.00013	.00020	-.00071	.00053	-.00008	-.06419
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00028	.06917	.00035	-.00025	.04092	.00060	.01418
Stddev	.00018	.00047	.00857	.00039	.00007	.02740	.00017	.02314
%RSD	71.793	169.16	12.396	110.07	28.489	66.970	28.665	163.20
#1	.00044	.00081	.05958	.00072	-.00029	.04995	.00080	.01002
#2	.00008	.00010	.07183	-.00005	-.00030	.01014	.00050	-.00660
#3	.00022	-.00008	.07610	.00039	-.00017	.06266	.00051	.03911
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01134	.00154	-.00099	-.00223	.00158	-.0015	.00007	F 3.0922
Stddev	.00040	.00113	.00073	.00155	.00092	.0022	.00004	.1379
%RSD	3.5274	73.919	73.194	69.619	57.892	149.7	63.358	4.4585
#1	.01142	.00257	-.00022	-.00371	.00061	-.0033	.00011	2.9685
#2	.01091	.00172	-.00109	-.00236	.00171	.0010	.00003	3.2409
#3	.01170	.00032	-.00166	-.00061	.00243	-.0020	.00006	3.0673

Sample Name: CCB06 Acquired: 5/20/2019 20:23:02 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .61896
Stddev	.38445
%RSD	62.112

#1	.76615
#2	.18266
#3	.90806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3985.6	51441.	4499.7	54.141	4199.2
Stddev	8.1	314.	16.4	1.353	2.8
%RSD	.20353	.61057	.36367	2.4981	.06601

#1	3977.1	51309.	4486.7	53.332	4199.3
#2	3986.5	51215.	4494.3	53.389	4196.4
#3	3993.3	51800.	4518.1	55.702	4202.0

Sample Name: K2932-02 Acquired: 5/20/2019 20:27:31 Type: Unk
Method: P4-ICP2(v3135) 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	-.00059	.00114	.00184	-.00162	-.00312	.07540	.10980	.00012
Stddev	.00121	.00106	.00050	.00213	.00038	.00952	.00045	.00008
%RSD	205.45	93.173	27.414	131.43	12.296	12.620	.40594	62.930
#1	-.00035	.00029	.00169	.00074	-.00323	.08355	.10930	.00007
#2	.00048	.00080	.00142	-.00219	-.00343	.06494	.10993	.00009
#3	-.00190	.00232	.00240	-.00339	-.00269	.07770	.11016	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	57.018	.00028	.00019	.00055	.09493	.45998	9.7508
Stddev	.00004	.272	.00031	.00018	.00023	.00126	.00035	.0554
%RSD	48.067	.47652	109.12	97.288	40.931	1.3283	.07552	.56789
#1	-.00005	56.725	.00015	-.00002	.00042	.09379	.45963	9.7256
#2	-.00013	57.262	.00064	.00033	.00081	.09471	.46032	9.8143
#3	-.00007	57.066	.00007	.00025	.00042	.09628	.45998	9.7126
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00016	122.72	.00239	.01785	3.9183	.00517	.41295
Stddev	.00028	.00029	.59	.00037	.00016	.0043	.00010	.01223
%RSD	47.926	181.89	.48123	15.462	.89707	.10933	1.9749	2.9618
#1	.00089	-.00026	122.06	.00206	.01802	3.9145	.00521	.40172
#2	.00038	-.00040	123.19	.00279	.01770	3.9229	.00505	.42598
#3	.00045	.00017	122.92	.00231	.01783	3.9175	.00524	.41115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.141	4.9116	-.02127	-.00239	.00037	.0850	.27371	4.0177
Stddev	.115	.0127	.00059	.00100	.00084	.0002	.00125	.1501
%RSD	.23960	.25859	2.7803	41.650	224.13	.2484	.45723	3.7349
#1	48.263	4.8969	-.02106	-.00159	.00081	.0849	.27251	3.8542
#2	48.033	4.9193	-.02193	-.00208	-.00059	.0853	.27501	4.0496
#3	48.126	4.9185	-.02080	-.00351	.00090	.0850	.27361	4.1492

Sample Name: K2932-02 Acquired: 5/20/2019 20:27:31 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4019
Stddev	.2085
%RSD	14.871

#1	1.2387
#2	1.3303
#3	1.6368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3955.5	51271.	4768.2	59.312	3979.1
Stddev	5.7	68.	12.9	1.036	6.8
%RSD	.14354	.13210	.27121	1.7467	.17170

#1	3960.8	51331.	4775.7	60.241	3971.5
#2	3949.5	51198.	4753.3	59.501	3984.8
#3	3956.1	51283.	4775.7	58.195	3980.9

Sample Name: K2932-03 Acquired: 5/20/2019 20:31:56 Type: Unk
Method: P4-ICP2(v3135) 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	.00201	.00051	.00039	-.00287	-.00033	-.02213	.00107	.00005
Stddev	.00085	.00025	.00023	.00342	.00031	.00895	.00022	.00010
%RSD	42.267	47.917	58.320	119.18	92.468	40.444	20.535	205.40

#1	.00199	.00025	.00037	.00103	-.00004	-.01705	.00081	.00015
#2	.00286	.00055	.00017	-.00535	-.00065	-.01688	.00122	.00003
#3	.00117	.00074	.00062	-.00428	-.00031	-.03247	.00116	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01810	.00024	.00014	-.00070	.00028	.00086	.01573
Stddev	.00002	.00255	.00007	.00015	.00018	.00060	.00003	.03852
%RSD	101.24	14.113	28.176	108.81	25.444	216.80	3.2440	244.86

#1	.00001	.01925	.00018	-.00002	-.00087	-.00019	.00089	-.01601
#2	.00004	.01988	.00032	.00029	-.00072	.00096	.00083	.05859
#3	.00000	.01517	.00023	.00015	-.00052	.00006	.00087	.00461

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00010	-.01805	.00022	.01890	-.04200	-.00000	-.01586
Stddev	.00032	.00021	.00218	.00023	.00014	.00521	.00010	.01066
%RSD	14.611	210.71	12.095	102.54	.72927	12.403	4305.8	67.222

#1	.00255	.00025	-.01809	.00048	.01906	-.03604	-.00003	-.00842
#2	.00203	.00019	-.01584	.00012	.01881	-.04568	-.00008	-.01108
#3	.00197	-.00014	-.02021	.00007	.01883	-.04428	.00010	-.02807

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01338	.00283	-.00412	-.00282	-.00501	.0020	.00003	2.3919
Stddev	.00201	.00160	.00062	.00098	.00143	.0009	.00002	.2256
%RSD	15.059	56.639	15.049	34.665	28.656	43.62	54.003	9.4327

#1	.01459	.00153	-.00344	-.00327	-.00658	.0019	.00002	2.4304
#2	.01105	.00462	-.00465	-.00170	-.00377	.0012	.00005	2.1495
#3	.01450	.00234	-.00426	-.00348	-.00467	.0030	.00003	2.5958

Sample Name: K2932-03 Acquired: 5/20/2019 20:31:56 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .73461
Stddev .18988
%RSD 25.848

#1 .92435
#2 .54458
#3 .73490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.0	55158.	4936.9	60.108	4455.3
Stddev	6.2	70.	20.8	2.641	10.8
%RSD	.14809	.12626	.42174	4.3941	.24172

#1	4183.9	55212.	4917.2	61.936	4444.4
#2	4193.8	55182.	4958.7	61.307	4466.0
#3	4195.3	55079.	4934.8	57.080	4455.6

Sample Name: K2932-04 Acquired: 5/20/2019 20:36:25 Type: Unk
Method: P4-ICP2(v3135) 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	.00252	.00088	.00349	.00126	-.00154	.85641	.06600	.00046
Stddev	.00050	.00052	.00074	.00199	.00181	.01224	.00018	.00009
%RSD	19.894	59.141	21.241	158.25	117.83	1.4294	.27973	18.686

#1	.00217	.00034	.00279	.00077	-.00086	.86999	.06585	.00046
#2	.00309	.00093	.00426	-.00044	-.00359	.84621	.06621	.00037
#3	.00230	.00137	.00340	.00344	-.00016	.85304	.06595	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	29.116	.00066	.01616	.01314	9.2269	1.5718	11.550
Stddev	.00005	.046	.00008	.00022	.00013	.0035	.0016	.054
%RSD	7.0230	.15894	11.582	1.3694	1.0094	.03757	.10295	.46970

#1	.00062	29.169	.00069	.01632	.01299	9.2239	1.5714	11.579
#2	.00070	29.101	.00073	.01591	.01325	9.2262	1.5704	11.488
#3	.00071	29.080	.00058	.01626	.01318	9.2307	1.5736	11.585

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01600	.00004	134.41	.00220	.02488	2.5619	-.00000	.14141
Stddev	.00014	.00018	.47	.00032	.00001	.0223	.00011	.01392
%RSD	.86437	418.65	.34753	14.727	.05196	.86983	14414.	9.8431

#1	.01585	.00020	134.09	.00187	.02489	2.5396	.00005	.13108
#2	.01612	-.00015	134.18	.00252	.02487	2.5842	.00008	.15724
#3	.01602	.00008	134.94	.00221	.02489	2.5619	-.00012	.13591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1111	F 13.949	-.00605	.02587	.00007	.0818	.28710	3.3194
Stddev	.0147	.073	.00020	.00211	.00113	.0004	.00033	.0600
%RSD	.20653	.52415	3.3298	8.1601	1725.4	.4903	.11425	1.8082

#1	7.1152	14.025	-.00588	.02792	.00136	.0819	.28747	3.3209
#2	7.0948	13.943	-.00627	.02599	-.00072	.0822	.28699	3.3787
#3	7.1232	13.879	-.00600	.02370	-.00044	.0814	.28684	3.2587

Sample Name: K2932-04 Acquired: 5/20/2019 20:36:25 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.7530
Stddev	.3007
%RSD	8.0124

#1	3.5092
#2	3.6609
#3	4.0890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.3	51989.	4862.8	58.011	4014.9
Stddev	8.0	142.	25.6	1.124	12.3
%RSD	.19757	.27251	.52609	1.9375	.30552

#1	4043.8	51868.	4833.4	59.073	4000.9
#2	4048.0	52145.	4875.5	58.125	4020.1
#3	4059.3	51953.	4879.6	56.834	4023.7

Sample Name: K2932-05 Acquired: 5/20/2019 20:40:49 Type: Unk
Method: P4-ICP2(v3135) 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	.00116	.00020	.00312	.00330	-.00171	.01211	.33837	.00006
Stddev	.00163	.00111	.00023	.00116	.00040	.01257	.00157	.00006
%RSD	141.02	564.55	7.2586	35.117	23.658	103.76	.46290	103.56
#1	.00266	-.00108	.00306	.00447	-.00208	.01730	.33914	.00010
#2	.00140	.00073	.00293	.00216	-.00177	.02125	.33940	.00008
#3	-.00058	.00094	.00337	.00326	-.00128	-.00222	.33656	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	209.93	-.00720	.01593	.00272	8.4317	8.5517	67.993
Stddev	.00001	.36	.00004	.00013	.00051	.0147	.0575	.311
%RSD	.75653	.17095	.58937	.78662	18.792	.17443	.67178	.45783
#1	-.00069	209.72	-.00720	.01581	.00313	8.4385	8.5126	67.873
#2	-.00070	210.35	-.00716	.01593	.00290	8.4417	8.6177	68.347
#3	-.00070	209.73	-.00724	.01606	.00215	8.4148	8.5249	67.761
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00768	.00007	969.55	-.01531	.02538	.95669	-.00078	.93518
Stddev	.00033	.00045	3.67	.00022	.00023	.01708	.00015	.01843
%RSD	4.2574	603.40	.37811	1.4589	.89465	1.7854	19.474	1.9711
#1	.00740	-.00028	970.08	-.01555	.02512	.94407	-.00080	.94783
#2	.00804	-.00008	972.93	-.01511	.02544	.97613	-.00091	.91403
#3	.00761	.00058	965.65	-.01526	.02556	.94987	-.00062	.94368
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2030	F 13.137	-.00219	-.00996	.00315	.1169	.97093	6.3477
Stddev	.0176	.013	.00086	.00050	.00089	.0027	.00266	.1078
%RSD	.28424	.09587	39.235	4.9800	28.240	2.307	.27408	1.6980
#1	6.2071	13.123	-.00120	-.00963	.00254	.1170	.96863	6.3063
#2	6.1836	13.139	-.00272	-.00971	.00273	.1142	.97385	6.2668
#3	6.2182	13.148	-.00266	-.01053	.00417	.1196	.97032	6.4701

Sample Name: K2932-05 Acquired: 5/20/2019 20:40:49 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6461
Stddev	.1558
%RSD	3.3544

#1	4.8070
#2	4.6353
#3	4.4959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3547.2	45200.	4549.2	54.362	3295.3
Stddev	7.2	174.	9.2	.833	3.5
%RSD	.20268	.38393	.20277	1.5326	.10494

#1	3545.8	45140.	4556.5	55.263	3292.2
#2	3540.8	45064.	4538.8	54.202	3299.0
#3	3555.0	45395.	4552.2	53.619	3294.8

Sample Name: K2932-06 Acquired: 5/20/2019 20:45:28 Type: Unk
Method: P4-ICP2(v3135) 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	-.00067	.00241	.00283	-.00177	-.00319	-.01398	.85790	.00023
Stddev	.00221	.00053	.00080	.00300	.00094	.00957	.00711	.00008
%RSD	329.65	21.923	28.458	170.07	29.434	68.482	.82923	33.071
#1	-.00207	.00191	.00190	-.00510	-.00406	-.02370	.84978	.00026
#2	.00188	.00235	.00325	-.00092	-.00331	-.01367	.86305	.00015
#3	-.00182	.00296	.00333	.00073	-.00219	-.00456	.86088	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	186.69	.00008	-.00026	.00020	2.3605	.03899	80.579
Stddev	.00003	1.49	.00044	.00006	.00018	.0087	.00041	.345
%RSD	5.7871	.79779	518.80	23.729	89.230	.36737	1.0535	.42811
#1	-.00049	185.15	.00033	-.00028	.00041	2.3505	.03871	80.241
#2	-.00047	188.12	-.00042	-.00019	.00008	2.3647	.03946	80.930
#3	-.00044	186.80	.00034	-.00031	.00011	2.3662	.03879	80.565
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.00096	62.114	.00694	.01237	3.2874	.00004	.25294
Stddev	.00039	.00013	.351	.00029	.00017	.0213	.00003	.01311
%RSD	18.990	13.459	.56530	4.2201	1.3702	.64815	83.310	5.1824
#1	-.00250	-.00083	61.734	.00664	.01257	3.2687	.00007	.24002
#2	-.00187	-.00109	62.426	.00695	.01227	3.2829	.00003	.26623
#3	-.00179	-.00096	62.183	.00723	.01228	3.3106	.00001	.25257
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.573	F 26.766	-.01029	-.01036	.04177	.0723	1.6075	4.5764
Stddev	.045	.028	.00062	.00237	.00100	.0013	.0093	.2948
%RSD	.20989	.10419	6.0709	22.833	2.3861	1.783	.57717	6.4406
#1	21.614	26.796	-.01015	-.00830	.04210	.0710	1.5970	4.3225
#2	21.582	26.763	-.00975	-.00983	.04255	.0722	1.6146	4.5070
#3	21.525	26.741	-.01097	-.01294	.04064	.0736	1.6108	4.8997

Sample Name: K2932-06 Acquired: 5/20/2019 20:45:28 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2932
Stddev .1793
%RSD 7.8174

#1 2.3295
#2 2.4517
#3 2.0986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.6	49811.	4732.8	55.812	3763.8
Stddev	.9	28.	4.4	1.050	4.2
%RSD	.02344	.05672	.09402	1.8811	.11149

#1	3811.6	49844.	4737.8	56.516	3765.2
#2	3810.0	49793.	4729.3	54.605	3759.0
#3	3810.1	49797.	4731.2	56.315	3767.0

Sample Name: K2932-07 Acquired: 5/20/2019 20:49:50 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00272	.00318	-.00179	-.00207	.00295	.74243	.00021
Stddev	.00118	.00108	.00111	.00111	.00112	.01244	.00104	.00007
%RSD	185.34	39.572	34.759	61.913	53.858	421.38	.13999	35.338

#1	.00162	.00331	.00445	-.00163	-.00230	.01604	.74254	.00020
#2	-.00067	.00148	.00259	-.00077	-.00305	-.00871	.74135	.00028
#3	.00097	.00338	.00250	-.00297	-.00086	.00152	.74342	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	163.40	-.00006	-.00029	-.00000	2.1583	.02775	69.276
Stddev	.00001	.53	.00027	.00014	.00031	.0031	.00010	.235
%RSD	2.8183	.32673	470.85	48.349	38841.	.14373	.35451	.33960

#1	-.00045	163.08	.00020	-.00043	-.00018	2.1595	.02766	69.014
#2	-.00044	163.11	-.00004	-.00027	.00036	2.1607	.02786	69.469
#3	-.00047	164.02	-.00034	-.00016	-.00018	2.1548	.02774	69.344

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00073	54.048	.00615	.01404	2.7926	.00028	.23091
Stddev	.00042	.00038	.034	.00009	.00009	.0171	.00014	.00830
%RSD	23.153	52.668	.06304	1.3816	.61489	.61163	50.134	3.5950

#1	-.00134	-.00112	54.085	.00618	.01405	2.7729	.00028	.23115
#2	-.00209	-.00036	54.018	.00622	.01412	2.8031	.00043	.22250
#3	-.00206	-.00071	54.041	.00606	.01395	2.8019	.00014	.23910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.731	F 23.910	-.00883	-.00928	.03563	.0643	1.4088	4.0981
Stddev	.034	.057	.00044	.00048	.00091	.0010	.0038	.1980
%RSD	.18226	.23752	4.9344	5.1334	2.5595	1.529	.26665	4.8306

#1	18.692	23.856	-.00838	-.00983	.03531	.0638	1.4051	4.2968
#2	18.743	23.969	-.00925	-.00897	.03666	.0637	1.4086	3.9008
#3	18.757	23.905	-.00887	-.00905	.03492	.0655	1.4126	4.0966

Sample Name: K2932-07 Acquired: 5/20/2019 20:49:50 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1817
Stddev	.1775
%RSD	8.1370

#1	2.1524
#2	2.3720
#3	2.0206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3873.3	50403.	4728.2	56.206	3853.9
Stddev	13.7	5.	5.9	1.615	11.6
%RSD	.35274	.01015	.12413	2.8736	.30144

#1	3867.2	50397.	4733.3	54.481	3851.4
#2	3863.8	50405.	4729.6	56.457	3843.7
#3	3888.9	50406.	4721.8	57.682	3866.5

Sample Name: K2932-08 Acquired: 5/20/2019 20:54:13 Type: Unk
Method: P4-ICP2(v3135) 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	.00569	.00089	.00080	-.00351	-.00324	-.01225	.06698	.00026
Stddev	.00188	.00053	.00058	.00242	.00064	.00214	.00044	.00001
%RSD	32.972	59.975	72.305	68.833	19.748	17.434	.65208	5.3678
#1	.00764	.00044	.00104	-.00073	-.00388	-.01306	.06724	.00026
#2	.00552	.00148	.00123	-.00470	-.00260	-.00983	.06722	.00025
#3	.00390	.00075	.00014	-.00511	-.00325	-.01387	.06647	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	66.623	-.00099	-.00021	.00005	4.8533	.06936	44.728
Stddev	.00007	.585	.00048	.00012	.00020	.0097	.00063	.157
%RSD	15.332	.87855	48.653	56.610	376.78	.19996	.91237	.35193
#1	-.00040	66.444	-.00153	-.00011	.00029	4.8428	.06877	44.547
#2	-.00054	66.148	-.00060	-.00034	-.00005	4.8554	.07003	44.807
#3	-.00044	67.277	-.00085	-.00019	-.00008	4.8618	.06929	44.831
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00055	58.719	.00064	.01115	1.4133	.00127	.53214
Stddev	.00034	.00028	.279	.00016	.00004	.0157	.00014	.03258
%RSD	21.835	50.866	.47547	25.053	.34676	1.1087	11.187	6.1219
#1	-.00146	-.00035	58.753	.00046	.01112	1.3985	.00111	.54689
#2	-.00195	-.00088	58.425	.00077	.01119	1.4117	.00132	.55474
#3	-.00129	-.00044	58.980	.00068	.01113	1.4297	.00138	.49480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.001	F 10.636	-.00773	-.00752	.01834	.0075	2.0342	3.5090
Stddev	.042	.019	.00084	.00150	.00104	.0007	.0140	.0246
%RSD	.32032	.18153	10.854	19.908	5.6735	9.054	.68864	.70106
#1	12.988	10.639	-.00757	-.00589	.01788	.0082	2.0325	3.5328
#2	12.968	10.615	-.00863	-.00784	.01760	.0074	2.0211	3.5104
#3	13.048	10.653	-.00697	-.00883	.01953	.0068	2.0490	3.4837

Sample Name: K2932-08 Acquired: 5/20/2019 20:54:13 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.7701
Stddev	.2413
%RSD	8.7116

#1	2.6795
#2	2.5872
#3	3.0436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.1	51415.	4748.1	57.915	3993.8
Stddev	1.5	18.	7.3	.834	13.6
%RSD	.03842	.03421	.15312	1.4395	.34007

#1	3981.7	51396.	4748.3	58.797	3993.1
#2	3984.8	51418.	4755.3	57.808	4007.6
#3	3983.0	51430.	4740.7	57.140	3980.5

Sample Name: K2641-12 Acquired: 5/20/2019 20:58:35 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 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	-.00289	.00934	-.00049	-.00083	.16928	.11032	.00010
Stddev	.00297	.00118	.00048	.00165	.00060	.00889	.00119	.00004
%RSD	201.50	40.948	5.1358	339.20	72.656	5.2535	1.0748	40.640

#1	-.00276	-.00315	.00986	-.00108	-.00125	.17632	.11019	.00010
#2	.00192	-.00160	.00924	-.00175	-.00110	.15929	.11157	.00014
#3	-.00358	-.00393	.00892	.00138	-.00014	.17224	.10921	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	30.197	-.00032	.00429	.00415	.15102	.85612	2.4880
Stddev	.00006	.168	.00048	.00015	.00018	.00147	.00252	.0598
%RSD	41.372	.55799	149.41	3.5566	4.2690	.97065	.29427	2.4052

#1	.00007	30.003	-.00043	.00432	.00407	.15270	.85357	2.4833
#2	.00016	30.280	-.00074	.00442	.00403	.15001	.85861	2.5500
#3	.00018	30.308	.00020	.00412	.00435	.15036	.85618	2.4306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00032	301.20	-.00116	.03047	1.2318	-.00011	.01477
Stddev	.00034	.00015	3.29	.00011	.00007	.0114	.00012	.00652
%RSD	36.893	46.266	1.0939	9.8688	.23686	.92467	110.73	44.113

#1	.00054	.00048	304.37	-.00128	.03042	1.2412	.00002	.01716
#2	.00118	.00032	301.42	-.00106	.03043	1.2351	-.00021	.01976
#3	.00106	.00018	297.79	-.00113	.03055	1.2191	-.00013	.00740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51571	1.9581	-.00160	.00077	.00007	.0060	.13766	5.1788
Stddev	.00458	.0214	.00070	.00244	.00086	.0009	.00075	.1979
%RSD	.88811	1.0904	43.974	318.72	1184.2	14.85	.54128	3.8220

#1	.51116	1.9470	-.00199	-.00005	-.00088	.0065	.13690	5.0254
#2	.52032	1.9447	-.00079	-.00116	.00030	.0050	.13839	5.4022
#3	.51565	1.9828	-.00202	.00352	.00080	.0066	.13768	5.1087

Sample Name: K2641-12 Acquired: 5/20/2019 20:58:35 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0986
Stddev	.2551
%RSD	23.219

#1	1.3931
#2	.95292
#3	.94974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.1	48243.	4623.0	54.648	3668.4
Stddev	6.8	176.	43.2	1.403	6.0
%RSD	.18120	.36493	.93339	2.5675	.16398

#1	3746.2	48050.	4646.0	54.014	3661.4
#2	3758.0	48282.	4649.8	53.675	3672.1
#3	3758.0	48396.	4573.2	56.257	3671.6

Sample Name: K2641-12DUP Acquired: 5/20/2019 21:03:09 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 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	-.00297	.00989	-.00255	-.00064	.17627	.10910	.00011
Stddev	.00059	.00072	.00076	.00002	.00128	.00368	.00020	.00005
%RSD	67.089	24.381	7.7133	.76923	201.16	2.0903	.17893	47.915

#1	-.00152	-.00250	.01070	-.00257	-.00004	.17358	.10918	.00007
#2	-.00078	-.00261	.00981	-.00254	.00024	.17476	.10924	.00009
#3	-.00035	-.00380	.00918	-.00254	-.00211	.18047	.10887	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	30.539	-.00044	.00421	.00427	.15128	.85778	2.4950
Stddev	.00011	.128	.00014	.00009	.00029	.00036	.00069	.0463
%RSD	70.869	.42061	31.674	2.1750	6.7896	.23918	.08056	1.8541

#1	.00004	30.393	-.00046	.00427	.00457	.15165	.85751	2.4829
#2	.00026	30.636	-.00029	.00426	.00425	.15092	.85857	2.4560
#3	.00016	30.587	-.00057	.00410	.00399	.15127	.85727	2.5461

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00042	299.67	-.00125	.03303	1.2253	.00001	.02624
Stddev	.00042	.00014	1.05	.00054	.00013	.0187	.00018	.01862
%RSD	34.567	33.465	.35095	43.421	.39264	1.5282	1472.3	70.960

#1	.00076	.00058	299.23	-.00105	.03317	1.2298	.00005	.04601
#2	.00126	.00035	300.87	-.00083	.03293	1.2414	.00017	.00903
#3	.00158	.00033	298.91	-.00186	.03297	1.2048	-.00018	.02368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50753	1.9831	-.00137	-.00110	.00007	.0047	.13837	4.9835
Stddev	.00360	.0175	.00085	.00160	.00033	.0016	.00048	.1509
%RSD	.70969	.88475	62.150	145.22	473.88	34.60	.34902	3.0279

#1	.50516	1.9632	-.00135	.00074	-.00024	.0029	.13781	5.0998
#2	.50575	1.9896	-.00053	-.00207	.00042	.0060	.13864	5.0377
#3	.51168	1.9964	-.00224	-.00197	.00003	.0052	.13865	4.8130

Sample Name: K2641-12DUP Acquired: 5/20/2019 21:03:09 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2051
Stddev	.3241
%RSD	26.897

#1	1.5794
#2	1.0189
#3	1.0171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.2	48200.	4580.6	54.707	3687.6
Stddev	7.4	100.	24.3	.680	6.8
%RSD	.19697	.20831	.52990	1.2423	.18323

#1	3754.7	48084.	4603.9	55.393	3679.9
#2	3762.3	48258.	4582.3	54.034	3690.7
#3	3769.5	48258.	4555.4	54.693	3692.3

Sample Name: K2641-12LX5 Acquired: 5/20/2019 21:07:43 Type: Unk
Method: P4-ICP2(v3135) 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	-.00171	-.00058	.00338	-.00062	-.00101	.01871	.02254	.00008
Stddev	.00094	.00059	.00082	.00195	.00057	.00837	.00003	.00010
%RSD	54.986	102.31	24.259	314.64	56.290	44.729	.12703	127.50

#1	-.00086	-.00022	.00425	.00162	-.00036	.01549	.02256	.00019
#2	-.00155	-.00025	.00263	-.00153	-.00126	.02820	.02251	.00006
#3	-.00271	-.00126	.00325	-.00194	-.00142	.01242	.02256	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	6.4923	-.00045	.00075	.00068	.03128	.18107	.47123
Stddev	.00005	.0129	.00007	.00015	.00020	.00015	.00044	.02066
%RSD	54.555	.19785	14.872	19.845	29.955	.49369	.24153	4.3844

#1	-.00008	6.4875	-.00051	.00091	.00046	.03142	.18063	.45646
#2	-.00013	6.4826	-.00038	.00072	.00071	.03131	.18107	.49484
#3	-.00004	6.5069	-.00045	.00061	.00086	.03112	.18150	.46239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00027	61.362	-.00012	.00584	.30759	-.00014	-.00752
Stddev	.00025	.00019	.488	.00005	.00006	.02128	.00019	.00796
%RSD	98.931	70.310	.79484	42.164	1.0501	6.9179	136.78	105.82

#1	-.00050	.00007	61.693	-.00009	.00577	.28305	.00003	-.01297
#2	-.00026	.00030	61.592	-.00010	.00586	.31889	-.00034	.00161
#3	.00000	.00045	60.802	-.00018	.00588	.32084	-.00010	-.01121

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11021	.44694	-.00298	-.00205	.00044	-.0006	.02932	3.7378
Stddev	.00523	.00224	.00075	.00156	.00044	.0017	.00015	.1676
%RSD	4.7438	.50074	24.987	76.159	99.005	306.2	.50875	4.4851

#1	.10503	.44498	-.00245	-.00384	.00005	-.0022	.02939	3.6077
#2	.11548	.44647	-.00383	-.00128	.00036	-.0006	.02914	3.9270
#3	.11012	.44938	-.00267	-.00102	.00091	.0012	.02941	3.6787

Sample Name: K2641-12LX5 Acquired: 5/20/2019 21:07:43 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .90517
Stddev .23347
%RSD 25.793

#1 .94738
#2 1.1147
#3 .65347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.2	50596.	4542.1	55.546	3977.9
Stddev	3.8	402.	11.6	1.458	11.0
%RSD	.09809	.79486	.25504	2.6256	.27741

#1	3917.8	50235.	4529.0	55.625	3980.2
#2	3925.2	50524.	4551.2	56.963	3987.5
#3	3923.5	51030.	4546.0	54.050	3965.8

Sample Name: CCV07 Acquired: 5/20/2019 21:12:09 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8228 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0992	5.2604	5.0895	5.1418	5.1151	9.8474	10.084	.25849
Stddev	.0108	.0094	.0080	.0078	.0060	.0344	.014	.00065
%RSD	.21202	.17874	.15779	.15101	.11804	.34936	.14178	.25303
#1	5.1083	5.2524	5.0815	5.1476	5.1220	9.8774	10.075	.25916
#2	5.0872	5.2580	5.0895	5.1449	5.1111	9.8548	10.078	.25785
#3	5.1022	5.2707	5.0976	5.1330	5.1121	9.8098	10.101	.25846
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5702	25.336	1.0130	2.5697	1.2714	5.0972	2.6027	25.024
Stddev	.0047	.037	.0008	.0051	.0015	.0066	.0050	.099
%RSD	.18212	.14421	.07395	.19760	.11467	.12869	.19201	.39743
#1	2.5652	25.302	1.0129	2.5649	1.2723	5.0912	2.5988	25.019
#2	2.5709	25.331	1.0123	2.5692	1.2697	5.0962	2.6009	25.126
#3	2.5745	25.375	1.0138	2.5750	1.2722	5.1042	2.6083	24.927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5662	1.2542	24.895	2.5597	2.5688	25.366	5.1565	5.0505
Stddev	.0066	.0020	.107	.0052	.0040	.138	.0002	.0548
%RSD	.25919	.16083	.42936	.20367	.15761	.54292	.00437	1.0844
#1	2.5587	1.2559	24.776	2.5541	2.5645	25.208	5.1563	4.9927
#2	2.5689	1.2520	24.982	2.5607	2.5695	25.462	5.1564	5.0572
#3	2.5711	1.2547	24.928	2.5644	2.5725	25.428	5.1567	5.1016
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0938	4.8778	5.0946	5.0508	4.8218	5.166	5.0581	5.1448
Stddev	.0056	.0105	.0181	.0179	.0023	.019	.0163	.0705
%RSD	.10934	.21449	.35486	.35522	.04811	.3760	.32294	1.3698
#1	5.0970	4.8739	5.0762	5.0305	4.8207	5.157	5.0401	5.1207
#2	5.0874	4.8699	5.0951	5.0577	4.8202	5.152	5.0621	5.2241
#3	5.0970	4.8897	5.1124	5.0643	4.8244	5.188	5.0721	5.0895

Sample Name: CCV07 Acquired: 5/20/2019 21:12:09 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8228 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8050
Stddev .3448
%RSD 12.293

#1 2.4191
#2 3.0829
#3 2.9129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3833.3	49747.	4584.3	54.791	3744.9
Stddev	5.0	30.	10.6	1.527	1.0
%RSD	.12986	.06080	.23036	2.7872	.02545

#1	3827.7	49751.	4580.8	54.423	3744.6
#2	3835.1	49715.	4596.2	53.481	3746.0
#3	3837.2	49775.	4576.0	56.468	3744.2

Sample Name: CCB07 Acquired: 5/20/2019 21:16:16 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8228 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00043	.00296	-.00128	.00086	-.01644	.00062	.00007
Stddev	.00120	.00036	.00111	.00176	.00179	.00101	.00024	.00005
%RSD	73.574	83.419	37.547	136.94	208.27	6.1378	39.404	75.381
#1	-.00044	.00082	.00196	-.00006	-.00106	-.01650	.00034	.00013
#2	-.00161	.00039	.00415	-.00049	.00117	-.01540	.00076	.00004
#3	-.00283	.00010	.00276	-.00330	.00248	-.01742	.00077	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00738	-.00018	.00007	-.00076	.00004	-.00013	-.03109
Stddev	.00003	.00907	.00018	.00012	.00046	.00042	.00006	.01793
%RSD	70.051	122.85	96.630	157.13	60.610	1128.8	48.340	57.672
#1	.00001	-.01784	-.00036	-.00006	-.00071	-.00036	-.00006	-.05179
#2	.00007	-.00192	.00000	.00011	-.00125	-.00001	-.00017	-.02080
#3	.00005	-.00237	-.00020	.00017	-.00033	.00047	-.00017	-.02067
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00006	.05545	.00015	-.00042	.02561	.00032	.01129
Stddev	.00009	.00011	.00596	.00010	.00002	.03204	.00025	.01219
%RSD	175.18	179.06	10.757	66.567	5.8872	125.09	77.362	107.98
#1	-.00012	-.00004	.04870	.00021	-.00040	.00694	.00046	.00398
#2	-.00010	.00018	.06001	.00003	-.00041	.00729	.00047	.02535
#3	.00005	.00004	.05764	.00019	-.00045	.06261	.00003	.00452
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00492	.00008	-.00104	-.00317	-.00015	-.0004	.00004	F 3.2726
Stddev	.00265	.00192	.00039	.00119	.00105	.0013	.00006	.1649
%RSD	53.854	2367.8	37.447	37.415	716.37	313.5	159.84	5.0391
#1	.00438	.00180	-.00059	-.00448	.00095	-.0016	.00010	3.3363
#2	.00258	.00044	-.00124	-.00285	-.00115	.0010	.00005	3.0853
#3	.00780	-.00199	-.00129	-.00217	-.00024	-.0006	-.00003	3.3961

Sample Name: CCB07 Acquired: 5/20/2019 21:16:16 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8228 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .80185
Stddev	.07325
%RSD	9.1354

#1	.81891
#2	.86506
#3	.72157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.6	51969.	4590.9	57.059	4221.1
Stddev	6.6	163.	18.0	.894	10.6
%RSD	.16540	.31301	.39315	1.5672	.25027

#1	4011.5	51791.	4576.7	57.680	4209.9
#2	4024.2	52110.	4584.8	56.034	4230.8
#3	4014.3	52005.	4611.2	57.464	4222.7

Sample Name: K2641-12MS Acquired: 5/20/2019 21:20:45 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 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	.69071	1.7063	.86029	1.7786	.77580	1.9240	.29164	.17877	.17494
Stddev	.00478	.0032	.00108	.0024	.00457	.0067	.00280	.00052	.00006
%RSD	.69213	.18731	.12517	.13705	.58915	.35049	.96151	.29308	.03603
#1	.69489	1.7027	.86153	1.7791	.77575	1.9195	.29459	.17933	.17489
#2	.69176	1.7087	.85969	1.7808	.78039	1.9317	.28900	.17868	.17492
#3	.68550	1.7074	.85964	1.7760	.77125	1.9207	.29134	.17830	.17501
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.371	.35948	.18179	.26562	2.8253	1.0598	4.3057	.44173	.06290
Stddev	.235	.00141	.00059	.00118	.0115	.0041	.0370	.00174	.00043
%RSD	.72511	.39233	.32715	.44458	.40547	.38314	.85893	.39495	.67900
#1	32.104	.36088	.18118	.26500	2.8385	1.0644	4.3416	.44016	.06241
#2	32.465	.35951	.18237	.26698	2.8177	1.0583	4.3079	.44142	.06312
#3	32.545	.35806	.18182	.26488	2.8197	1.0566	4.2677	.44361	.06317
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	312.24	.27600	.21155	10.364	.41155	.29777	.50679	2.8751	.69257
Stddev	3.25	.00200	.00004	.091	.00114	.01287	.00096	.0181	.00107
%RSD	1.0398	.72354	.02048	.88257	.27579	4.3218	.19012	.63000	.15484
#1	315.00	.27812	.21155	10.362	.41249	.28444	.50579	2.8589	.69133
#2	313.06	.27574	.21159	10.274	.41188	.29874	.50685	2.8717	.69310
#3	308.66	.27415	.21150	10.457	.41029	.31012	.50772	2.8946	.69327
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20458	.17201	5.347	.31120	5.4304	1.1582			
Stddev	.00056	.00177	.013	.00093	.1708	.2737			
%RSD	.27287	1.0312	.2343	.29987	3.1461	23.632			
#1	.20397	.16997	5.353	.31016	5.2958	.89297			
#2	.20473	.17288	5.355	.31146	5.6226	1.4396			
#3	.20505	.17318	5.333	.31197	5.3727	1.1419			

Sample Name: K2641-12MS Acquired: 5/20/2019 21:20:45 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-03-051719 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	3735.5	47727.	4462.0	53.920	3654.0
Stddev	8.9	356.	10.4	1.005	5.6
%RSD	.23844	.74592	.23273	1.8646	.15462
#1	3728.0	47316.	4472.6	55.081	3651.1
#2	3733.0	47932.	4451.8	53.322	3650.3
#3	3745.3	47933.	4461.7	53.356	3660.5

Sample Name: K2641-12MSD Acquired: 5/20/2019 21:25:03 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 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	.69731	1.7335	.87227	1.8096	.77614	1.9390	.29740	.18120	.17823
Stddev	.00122	.0043	.00054	.0028	.00265	.0080	.00009	.00071	.00041
%RSD	.17471	.25007	.06140	.15292	.34206	.41283	.02916	.39304	.23181

#1	.69630	1.7374	.87257	1.8128	.77906	1.9312	.29741	.18038	.17828
#2	.69866	1.7288	.87259	1.8084	.77549	1.9385	.29748	.18154	.17862
#3	.69696	1.7342	.87165	1.8076	.77388	1.9472	.29731	.18168	.17780

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.424	.36156	.18534	.26916	2.8810	1.0656	4.3457	.44873	.06358
Stddev	.087	.00041	.00012	.00084	.0074	.0007	.0323	.00205	.00022
%RSD	.26931	.11321	.06412	.31119	.25549	.06227	.74284	.45578	.34527

#1	32.415	.36148	.18522	.27008	2.8891	1.0650	4.3818	.44979	.06369
#2	32.342	.36201	.18533	.26896	2.8747	1.0663	4.3197	.45003	.06333
#3	32.516	.36120	.18546	.26844	2.8792	1.0655	4.3355	.44637	.06373

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	311.65	.27877	.21327	10.589	.41065	.27992	.50901	2.8336	.69059
Stddev	1.04	.00084	.00039	.033	.00076	.00627	.00206	.0256	.00445
%RSD	.33346	.30246	.18186	.31379	.18483	2.2411	.40408	.90419	.64488

#1	310.73	.27939	.21306	10.554	.41048	.28276	.51018	2.8624	.68557
#2	312.78	.27781	.21372	10.620	.40999	.28426	.51021	2.8132	.69405
#3	311.44	.27911	.21304	10.592	.41148	.27272	.50663	2.8253	.69216

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20252	.17067	5.446	.31219	5.5055	.74761
Stddev	.00154	.00068	.016	.00173	.0279	.19238
%RSD	.75821	.39928	.2993	.55304	.50680	25.733

#1	.20119	.17012	5.445	.31288	5.4856	.68601
#2	.20216	.17046	5.463	.31023	5.4937	.59357
#3	.20420	.17143	5.431	.31347	5.5374	.96324

Sample Name: K2641-12MSD Acquired: 5/20/2019 21:25:03 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-03-051719 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	3753.7	48164.	4574.5	55.262	3662.6
Stddev	14.3	109.	27.6	.528	11.3
%RSD	.38039	.22636	.60317	.95605	.30955
#1	3737.4	48061.	4547.3	54.653	3650.2
#2	3763.9	48279.	4602.5	55.538	3665.0
#3	3759.7	48152.	4573.8	55.595	3672.5

Sample Name: K2641-12A Acquired: 5/20/2019 21:29:20 Type: Unk
Method: P4-ICP2(v3135) 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	.70047	1.7264	.87166	1.8015	.76600	1.9325	.29528	.18092	.17757
Stddev	.00248	.0054	.00183	.0056	.00233	.0197	.00081	.00050	.00020
%RSD	.35426	.31205	.20974	.30824	.30404	1.0209	.27299	.27840	.11539
#1	.70299	1.7324	.87226	1.8076	.76616	1.9101	.29446	.18144	.17768
#2	.69803	1.7247	.86961	1.8002	.76824	1.9471	.29607	.18044	.17733
#3	.70040	1.7220	.87311	1.7968	.76359	1.9405	.29531	.18088	.17769
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.463	.36377	.18433	.26918	2.8508	1.0630	4.3857	.44820	.06370
Stddev	.158	.00082	.00058	.00029	.0059	.0002	.0109	.00058	.00089
%RSD	.48625	.22433	.31472	.10655	.20635	.02209	.24842	.13023	1.3970
#1	32.324	.36288	.18500	.26901	2.8522	1.0629	4.3763	.44846	.06281
#2	32.430	.36394	.18402	.26902	2.8560	1.0627	4.3830	.44753	.06459
#3	32.635	.36448	.18396	.26951	2.8444	1.0632	4.3976	.44861	.06371
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	308.21	.27844	.21196	10.506	.40872	.28653	.50442	2.8718	.68652
Stddev	1.18	.00052	.00049	.088	.00085	.01457	.00235	.0126	.00431
%RSD	.38225	.18642	.23187	.83381	.20775	5.0837	.46520	.43806	.62727
#1	307.28	.27787	.21247	10.411	.40913	.28576	.50713	2.8862	.69028
#2	309.53	.27890	.21191	10.522	.40775	.27236	.50312	2.8628	.68182
#3	307.82	.27854	.21149	10.584	.40929	.30146	.50302	2.8665	.68745
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20263	.17650	5.413	.31387	5.0282	.86402			
Stddev	.00009	.00174	.018	.00052	.1941	.16954			
%RSD	.04449	.98528	.3246	.16503	3.8603	19.622			
#1	.20254	.17682	5.431	.31434	5.1845	.96118			
#2	.20262	.17462	5.411	.31332	4.8110	.96262			
#3	.20272	.17806	5.396	.31396	5.0893	.66826			

Sample Name: K2641-12A Acquired: 5/20/2019 21:29:20 Type: Unk
Method: P4-ICP2(v3135) 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	3767.9	48259.	4525.6	53.810	3681.8
Stddev	1.0	113.	4.4	1.418	5.7
%RSD	.02738	.23495	.09789	2.6360	.15518
#1	3766.7	48385.	4522.1	52.253	3675.7
#2	3768.5	48166.	4530.5	54.146	3686.9
#3	3768.4	48225.	4524.1	55.029	3682.9

Sample Name: K2647-10 Acquired: 5/20/2019 21:33:38 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-051719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00238	.00850	.00128	-.00143	.05650	.07948	.00016
Stddev	.00160	.00085	.00051	.00146	.00155	.01402	.00087	.00003
%RSD	151.28	35.594	6.0379	113.84	108.37	24.819	1.0993	18.488

#1	.00014	-.00261	.00850	.00295	.00026	.07054	.07885	.00015
#2	-.00287	-.00308	.00799	.00066	-.00175	.04249	.07912	.00014
#3	-.00044	-.00144	.00902	.00024	-.00279	.05648	.08048	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	14.520	.00003	.00314	.00398	.05447	.54129	5.5265
Stddev	.00004	.114	.00027	.00022	.00013	.00088	.00074	.0642
%RSD	35.478	.78429	880.25	7.0733	3.2261	1.6106	.13611	1.1619

#1	-.00011	14.388	-.00027	.00310	.00383	.05362	.54080	5.4652
#2	-.00007	14.581	.00024	.00294	.00407	.05538	.54214	5.5210
#3	-.00014	14.590	.00012	.00338	.00404	.05441	.54094	5.5933

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00033	282.32	-.00026	.01727	.49976	-.00002	.01428
Stddev	.00027	.00032	2.04	.00011	.00003	.01844	.00020	.01150
%RSD	25.108	96.951	.72340	42.154	.15482	3.6903	1128.3	80.510

#1	.00093	-.00004	279.97	-.00038	.01725	.48880	-.00021	.00471
#2	.00094	.00047	283.43	-.00016	.01730	.52105	.00020	.01111
#3	.00141	.00056	283.58	-.00025	.01727	.48942	-.00004	.02704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11863	.30151	-.00133	-.00126	.00168	.0012	.02834	4.5494
Stddev	.00183	.00397	.00045	.00249	.00057	.0008	.00010	.0977
%RSD	1.5447	1.3154	33.607	198.30	33.774	62.56	.34083	2.1474

#1	.11957	.30021	-.00108	.00113	.00211	.0005	.02823	4.4464
#2	.11981	.30596	-.00106	-.00385	.00104	.0012	.02841	4.6408
#3	.11652	.29835	-.00184	-.00106	.00191	.0020	.02838	4.5608

Sample Name: K2647-10 Acquired: 5/20/2019 21:33:38 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-051719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0985
Stddev	.0845
%RSD	7.6933

#1	1.0999
#2	1.1823
#3	1.0133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.2	48598.	4572.5	55.536	3733.5
Stddev	9.7	92.	9.4	.990	11.0
%RSD	.25447	.18983	.20487	1.7819	.29386

#1	3793.7	48704.	4574.1	56.282	3724.0
#2	3802.8	48547.	4562.4	54.414	3731.1
#3	3813.1	48543.	4580.9	55.914	3745.5

Sample Name: K2913-04 Acquired: 5/20/2019 21:38:13 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-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	.00685	-.00175	.13578	.00011	.03410	.35974	.57020	.00067
Stddev	.00110	.00054	.00045	.00046	.00114	.00915	.00233	.00008
%RSD	16.017	30.911	.32973	409.07	3.3542	2.5432	.40892	11.378

#1	.00558	-.00180	.13583	-.00022	.03306	.35509	.56933	.00067
#2	.00756	-.00226	.13621	.00064	.03532	.35385	.56842	.00074
#3	.00740	-.00118	.13531	-.00009	.03393	.37028	.57284	.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	37.301	.00185	.00438	.00273	21.453	.52966	5.5820
Stddev	.00001	.232	.00007	.00021	.00035	.073	.00050	.0411
%RSD	1.1311	.62180	4.0449	4.8814	12.931	.34025	.09416	.73703

#1	-.00118	37.076	.00186	.00457	.00242	21.427	.52935	5.5658
#2	-.00119	37.288	.00192	.00443	.00311	21.396	.52940	5.5515
#3	-.00120	37.540	.00177	.00415	.00267	21.535	.53024	5.6288

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01707	-.00046	299.39	.00053	.10559	.58196	.00062	.04649
Stddev	.00012	.00041	1.06	.00014	.00006	.01518	.00020	.00235
%RSD	.68131	89.454	.35363	25.448	.06135	2.6091	32.433	5.0553

#1	.01707	-.00066	300.55	.00038	.10566	.59940	.00044	.04607
#2	.01695	-.00072	299.13	.00064	.10553	.57479	.00083	.04902
#3	.01718	.00001	298.48	.00058	.10558	.57168	.00059	.04438

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0364	2.9079	-.00075	-.00160	.00351	.0041	.10080	5.1304
Stddev	.0045	.0120	.00032	.00156	.00050	.0011	.00046	.0615
%RSD	.43582	.41340	43.390	97.409	14.109	26.77	.45218	1.1984

#1	1.0349	2.8940	-.00092	-.00335	.00299	.0047	.10042	5.1336
#2	1.0329	2.9145	-.00095	-.00112	.00355	.0028	.10067	5.0674
#3	1.0415	2.9151	-.00037	-.00034	.00398	.0047	.10130	5.1902

Sample Name: K2913-04 Acquired: 5/20/2019 21:38:13 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5391
Stddev	.1713
%RSD	2.2723

#1	7.3617
#2	7.7036
#3	7.5520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.3	48211.	4604.5	54.755	3657.4
Stddev	4.5	124.	20.5	1.500	2.3
%RSD	.12108	.25740	.44575	2.7397	.06234

#1	3746.1	48179.	4618.8	56.428	3660.0
#2	3737.1	48348.	4613.9	53.529	3655.8
#3	3740.8	48106.	4581.0	54.308	3656.4

Sample Name: K2922-04 Acquired: 5/20/2019 21:42:44 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-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	.00880	-.00333	.01456	.00183	.00092	.04871	.78642	.00041
Stddev	.00253	.00105	.00046	.00229	.00102	.00462	.00316	.00011
%RSD	28.721	31.565	3.1271	125.69	110.66	9.4834	.40150	26.672

#1	.01150	-.00227	.01433	-.00004	.00041	.04771	.78631	.00033
#2	.00649	-.00437	.01427	.00113	.00025	.04468	.78962	.00053
#3	.00841	-.00334	.01509	.00439	.00209	.05375	.78331	.00036

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	3.1989	-.00051	.00117	.00359	13.618	.13366	.80088
Stddev	.00011	.0185	.00029	.00006	.00018	.022	.00098	.03586
%RSD	12.871	.57852	56.294	5.0848	4.9615	.16366	.73196	4.4771

#1	-.00094	3.1912	-.00074	.00118	.00341	13.592	.13408	.82482
#2	-.00078	3.2201	-.00059	.00123	.00360	13.632	.13254	.75965
#3	-.00074	3.1856	-.00019	.00111	.00376	13.629	.13436	.81815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00027	313.33	.00133	.02965	.83046	-.00020	.02529
Stddev	.00025	.00051	2.30	.00030	.00007	.00505	.00021	.02003
%RSD	153.03	185.82	.73539	22.597	.24756	.60831	108.19	79.174

#1	.00037	-.00046	312.69	.00109	.02957	.83355	-.00033	.00318
#2	.00023	-.00066	311.42	.00124	.02970	.82463	-.00031	.04220
#3	-.00011	.00030	315.89	.00167	.02969	.83320	.00005	.03050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25639	.43681	-.00264	-.00108	.00068	.0341	.02456	5.0953
Stddev	.00186	.00163	.00016	.00119	.00107	.0021	.00021	.2635
%RSD	.72569	.37203	6.2216	109.72	157.93	6.069	.84583	5.1706

#1	.25637	.43519	-.00260	-.00019	.00084	.0346	.02460	5.3368
#2	.25826	.43844	-.00250	-.00243	.00165	.0358	.02475	5.1348
#3	.25454	.43679	-.00282	-.00062	-.00047	.0318	.02434	4.8143

Sample Name: K2922-04 Acquired: 5/20/2019 21:42:44 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.9838
 Stddev .2623
 %RSD 5.2635

#1 5.2707
 #2 4.7561
 #3 4.9247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.8	48478.	4595.0	54.908	3705.5
Stddev	18.4	55.	32.9	.654	13.6
%RSD	.48458	.11260	.71628	1.1914	.36741

#1	3769.0	48501.	4618.7	54.157	3692.7
#2	3805.2	48415.	4557.5	55.213	3719.8
#3	3792.2	48516.	4608.9	55.354	3703.9

Sample Name: K2922-08 Acquired: 5/20/2019 21:47:20 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-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	.00305	-.00309	.01058	.00144	.00073	.22682	.55566	.00021
Stddev	.00037	.00125	.00085	.00088	.00108	.00289	.00120	.00002
%RSD	12.007	40.367	8.0208	60.775	147.28	1.2744	.21613	9.7649

#1	.00299	-.00305	.01026	.00179	-.00017	.22374	.55584	.00021
#2	.00344	-.00187	.01154	.00210	.00044	.22724	.55676	.00018
#3	.00271	-.00436	.00993	.00045	.00192	.22947	.55438	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	6.0745	.00056	-.00011	.00453	4.2353	.06912	5.9382
Stddev	.00002	.0342	.00046	.00004	.00034	.0053	.00021	.0788
%RSD	3.8140	.56344	82.243	42.187	7.4890	.12638	.29725	1.3269

#1	-.00040	6.0909	.00078	-.00012	.00418	4.2413	.06890	6.0085
#2	-.00043	6.0351	.00003	-.00006	.00486	4.2310	.06930	5.8530
#3	-.00041	6.0973	.00088	-.00014	.00455	4.2336	.06916	5.9531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	-.00038	345.85	.00177	.02626	4.2896	-.00006	.06537
Stddev	.00020	.00027	1.00	.00011	.00002	.0050	.00012	.01310
%RSD	28.708	70.959	.29051	6.0121	.08693	.11637	185.04	20.047

#1	-.00074	-.00022	346.64	.00185	.02628	4.2842	.00007	.07466
#2	-.00087	-.00023	346.19	.00181	.02623	4.2941	-.00010	.07106
#3	-.00048	-.00069	344.72	.00165	.02626	4.2904	-.00016	.05038

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65542	1.5405	-.00081	.00536	.00273	.3302	.08183	5.0382
Stddev	.00088	.0042	.00023	.00086	.00167	.0013	.00029	.1743
%RSD	.13416	.27121	28.047	16.035	61.359	.3857	.35589	3.4589

#1	.65545	1.5423	-.00073	.00485	.00313	.3315	.08190	5.2383
#2	.65452	1.5357	-.00063	.00488	.00089	.3289	.08151	4.9571
#3	.65628	1.5435	-.00106	.00636	.00417	.3302	.08208	4.9193

Sample Name: K2922-08 Acquired: 5/20/2019 21:47:20 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0950
 Stddev .0692
 %RSD 3.3038

#1 2.1744
 #2 2.0480
 #3 2.0624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.7	47855.	4541.7	56.102	3691.6
Stddev	7.3	114.	9.4	1.071	12.9
%RSD	.19354	.23835	.20591	1.9085	.34833

#1	3754.3	47897.	4540.6	56.449	3681.7
#2	3767.8	47725.	4551.6	56.957	3706.1
#3	3765.9	47941.	4532.9	54.901	3687.0

Sample Name: K2896-10 Acquired: 5/20/2019 21:51:54 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.00104	.00218	.00138	-.00034	-.01033	.71781	.00003
Stddev	.00110	.00119	.00056	.00072	.00050	.00223	.00221	.00002
%RSD	50.020	114.55	25.481	52.000	148.12	21.618	.30749	65.881

#1	-.00187	-.00080	.00156	.00220	-.00083	-.00880	.71764	.00005
#2	-.00129	.00001	.00235	.00093	.00017	-.00930	.72009	.00001
#3	-.00341	-.00232	.00263	.00100	-.00035	-.01290	.71569	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	14.617	.00018	-.00008	.00008	.01349	.05398	4.1109
Stddev	.00007	.046	.00027	.00023	.00006	.00007	.00006	.0289
%RSD	32.778	.31432	148.00	279.99	70.675	.48835	.11777	.70357

#1	-.00028	14.660	.00016	-.00014	.00003	.01343	.05400	4.1097
#2	-.00015	14.568	.00047	-.00027	.00015	.01356	.05403	4.0826
#3	-.00019	14.623	-.00007	.00017	.00007	.01347	.05391	4.1404

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00017	57.995	.00080	.02177	4.1352	.00116	.11285
Stddev	.00045	.00024	.133	.00016	.00015	.0397	.00019	.00735
%RSD	678.95	144.98	.23005	20.518	.68577	.96075	16.410	6.5136

#1	-.00024	.00005	57.992	.00064	.02161	4.0932	.00137	.10764
#2	.00058	-.00043	58.130	.00097	.02180	4.1401	.00102	.10965
#3	-.00014	-.00012	57.863	.00079	.02191	4.1722	.00107	.12126

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37109	1.8443	-.00231	-.00339	.01247	.0101	.18871	4.1091
Stddev	.00496	.0154	.00035	.00080	.00228	.0017	.00021	.3739
%RSD	1.3361	.83530	15.151	23.575	18.248	16.55	.11382	9.0983

#1	.37543	1.8620	-.00238	-.00306	.01012	.0101	.18850	3.7248
#2	.37216	1.8341	-.00263	-.00280	.01467	.0118	.18893	4.4715
#3	.36569	1.8368	-.00193	-.00430	.01263	.0085	.18870	4.1309

Sample Name: K2896-10 Acquired: 5/20/2019 21:51:54 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-20 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0947
Stddev	.3384
%RSD	30.916

#1	1.4761
#2	.83033
#3	.97763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.9	50859.	4655.6	56.202	3976.2
Stddev	12.3	194.	12.4	.265	14.3
%RSD	.31485	.38214	.26698	.47101	.35960

#1	3892.0	50757.	4649.1	56.478	3959.7
#2	3910.0	50737.	4647.7	55.951	3983.6
#3	3915.5	51083.	4669.9	56.177	3985.3

Sample Name: K2913-06 Acquired: 5/20/2019 21:56:20 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00073	.00168	.00087	.00113	-.00750	.50189	.00009
Stddev	.00301	.00058	.00054	.00147	.00129	.02053	.00126	.00001
%RSD	845.51	80.304	32.299	168.75	113.47	273.65	.25098	10.297

#1	.00311	.00114	.00139	-.00083	.00261	-.01976	.50297	.00008
#2	-.00215	.00006	.00135	.00166	.00053	-.01895	.50220	.00009
#3	-.00203	.00098	.00231	.00178	.00026	.01620	.50050	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	21.679	-.00040	-.00013	-.00017	.01189	.12761	4.6564
Stddev	.00006	.097	.00013	.00030	.00014	.00109	.00025	.0129
%RSD	30.362	.44691	32.908	236.84	81.784	9.1610	.19421	.27716

#1	-.00023	21.567	-.00041	.00016	-.00006	.01275	.12769	4.6417
#2	-.00012	21.741	-.00027	-.00043	-.00032	.01067	.12733	4.6621
#3	-.00022	21.728	-.00054	-.00010	-.00012	.01226	.12781	4.6656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00033	117.80	.00028	.02162	3.8216	.00372	.11824
Stddev	.00039	.00018	.20	.00017	.00026	.0151	.00009	.02206
%RSD	40.666	55.745	.16701	59.831	1.2012	.39466	2.4144	18.655

#1	-.00051	-.00049	118.03	.00017	.02190	3.8332	.00382	.09370
#2	-.00123	-.00037	117.70	.00047	.02156	3.8046	.00365	.13641
#3	-.00113	-.00013	117.68	.00019	.02139	3.8272	.00370	.12460

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59694	2.0065	-.00226	-.00179	.00290	.0010	.17692	4.1814
Stddev	.00177	.0130	.00064	.00201	.00124	.0012	.00038	.1356
%RSD	.29590	.64953	28.061	112.14	42.689	124.4	.21519	3.2418

#1	.59888	1.9975	-.00243	.00050	.00156	.0008	.17669	4.1559
#2	.59543	2.0214	-.00156	-.00261	.00400	.0023	.17736	4.3279
#3	.59653	2.0005	-.00280	-.00327	.00315	-.0002	.17670	4.0604

Sample Name: K2913-06 Acquired: 5/20/2019 21:56:20 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .87950
 Stddev .05865
 %RSD 6.6685

#1 .89118
 #2 .93144
 #3 .81590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.4	49765.	4615.4	55.321	3868.7
Stddev	8.5	129.	10.2	1.752	9.6
%RSD	.21951	.25904	.22071	3.1673	.24797

#1	3863.7	49619.	4623.8	57.217	3859.0
#2	3863.4	49862.	4604.1	54.986	3869.0
#3	3878.2	49816.	4618.2	53.761	3878.2

Sample Name: K2913-06DUP Acquired: 5/20/2019 22:00:46 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00116	.00305	.00110	.00049	-.00482	.50518	.00005
Stddev	.00235	.00043	.00010	.00132	.00106	.00759	.00537	.00002
%RSD	1085.9	36.741	3.1878	119.60	214.71	157.31	1.0624	35.869

#1	-.00037	-.00161	.00297	.00001	.00100	.00240	.50359	.00007
#2	.00280	-.00112	.00302	.00074	.00120	-.00415	.51116	.00005
#3	-.00178	-.00076	.00316	.00257	-.00073	-.01272	.50079	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	21.965	.00024	-.00012	-.00018	.01143	.12813	4.7101
Stddev	.00002	.035	.00007	.00022	.00013	.00092	.00072	.0362
%RSD	8.9825	.16155	28.360	187.52	70.646	8.0874	.55865	.76876

#1	-.00020	21.951	.00021	-.00018	-.00031	.01136	.12737	4.7476
#2	-.00023	21.938	.00032	-.00029	-.00006	.01055	.12879	4.7074
#3	-.00020	22.005	.00020	.00013	-.00017	.01239	.12821	4.6754

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00002	118.07	.00036	.02538	3.8020	.00368	.12107
Stddev	.00019	.00026	.98	.00024	.00017	.0598	.00009	.00752
%RSD	25.023	1362.5	.82647	66.868	.67575	1.5732	2.3576	6.2140

#1	-.00058	-.00015	117.73	.00062	.02555	3.7741	.00376	.12926
#2	-.00096	.00028	119.17	.00030	.02536	3.8707	.00359	.11446
#3	-.00073	-.00019	117.32	.00015	.02521	3.7613	.00368	.11949

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59666	2.0279	-.00268	-.00376	.00271	.0018	.17892	4.0434
Stddev	.00574	.0267	.00014	.00173	.00143	.0008	.00037	.1542
%RSD	.96193	1.3148	5.2744	46.129	52.849	47.09	.20788	3.8144

#1	.60316	2.0174	-.00253	-.00252	.00116	.0010	.17854	4.2211
#2	.59452	2.0080	-.00281	-.00574	.00299	.0027	.17928	3.9650
#3	.59229	2.0582	-.00270	-.00302	.00398	.0018	.17895	3.9442

Sample Name: K2913-06DUP Acquired: 5/20/2019 22:00:46 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0533
 Stddev .1857
 %RSD 17.632

#1 1.0701
 #2 .85974
 #3 1.2300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3874.6	49744.	4569.5	54.638	3880.6
Stddev	13.2	95.	48.9	.820	13.5
%RSD	.34045	.19003	1.0701	1.5014	.34865

#1	3859.9	49782.	4566.8	54.237	3865.0
#2	3885.3	49636.	4619.6	55.582	3889.4
#3	3878.6	49813.	4521.9	54.095	3887.4

Sample Name: CCV08 Acquired: 5/20/2019 22:05:11 Type: Unk
Method: P4-ICP2(v3135) 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	4.9828	5.1956	5.0337	5.0197	5.0382	9.6475	9.8557	.25587
Stddev	.0098	.0096	.0093	.0089	.0151	.0447	.1112	.00028
%RSD	.19719	.18506	.18464	.17687	.30047	.46347	1.1284	.10949
#1	4.9718	5.1871	5.0241	5.0095	5.0240	9.6281	9.9361	.25558
#2	4.9862	5.2060	5.0426	5.0242	5.0366	9.6987	9.9021	.25588
#3	4.9905	5.1937	5.0346	5.0254	5.0541	9.6158	9.7287	.25614
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5429	25.027	1.0051	2.5459	1.2560	5.0454	2.5692	24.505
Stddev	.0041	.067	.0008	.0057	.0026	.0057	.0025	.133
%RSD	.16249	.26570	.07624	.22258	.20425	.11345	.09569	.54251
#1	2.5381	24.972	1.0060	2.5396	1.2530	5.0507	2.5701	24.637
#2	2.5450	25.101	1.0047	2.5506	1.2572	5.0462	2.5710	24.506
#3	2.5455	25.009	1.0047	2.5477	1.2577	5.0394	2.5664	24.372
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5351	1.2353	24.452	2.5255	2.5400	24.780	5.0878	4.9356
Stddev	.0067	.0040	.127	.0015	.0047	.131	.0086	.0201
%RSD	.26259	.32433	.51795	.06083	.18385	.53021	.16946	.40766
#1	2.5275	1.2400	24.562	2.5272	2.5352	24.930	5.0838	4.9263
#2	2.5402	1.2332	24.482	2.5244	2.5445	24.722	5.0819	4.9587
#3	2.5374	1.2329	24.314	2.5248	2.5402	24.687	5.0977	4.9219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9613	4.8469	5.0293	4.9900	4.8130	5.072	5.0116	4.5142
Stddev	.0058	.0205	.0064	.0211	.0039	.010	.0071	.0762
%RSD	.11737	.42385	.12689	.42251	.07997	.1995	.14225	1.6885
#1	4.9546	4.8298	5.0222	4.9744	4.8108	5.061	5.0051	4.5901
#2	4.9644	4.8413	5.0345	5.0140	4.8174	5.080	5.0192	4.4377
#3	4.9650	4.8697	5.0312	4.9817	4.8106	5.076	5.0105	4.5147

Sample Name: CCV08 Acquired: 5/20/2019 22:05:11 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1855
Stddev .2527
%RSD 7.9330

#1 3.2316
#2 2.9129
#3 3.4120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.2	50232.	4549.6	54.081	3788.8
Stddev	4.3	191.	2.1	.407	3.2
%RSD	.11190	.37959	.04676	.75215	.08452

#1	3881.4	50024.	4547.4	53.658	3790.8
#2	3883.9	50276.	4551.6	54.470	3785.1
#3	3875.4	50398.	4549.7	54.115	3790.5

Sample Name: CCB08 Acquired: 5/20/2019 22:09:18 Type: Unk
Method: P4-ICP2(v3135) 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	.00008	.00136	.00192	-.00049	.00015	-.02241	.00122	.00008
Stddev	.00097	.00105	.00088	.00130	.00153	.00976	.00027	.00004
%RSD	1260.2	77.381	45.809	268.86	1034.7	43.542	21.663	49.527
#1	.00064	.00174	.00232	-.00197	.00191	-.03304	.00131	.00007
#2	-.00104	.00218	.00091	.00047	-.00065	-.02034	.00093	.00004
#3	.00064	.00017	.00253	.00004	-.00082	-.01386	.00144	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01722	.00021	-.00003	-.00119	-.00031	-.00009	-.02709
Stddev	.00001	.00529	.00016	.00001	.00022	.00060	.00005	.05983
%RSD	71.780	30.692	77.930	25.595	18.386	194.82	54.938	220.86
#1	-.00000	-.01257	.00020	-.00003	-.00095	-.00098	-.00012	-.05014
#2	-.00003	-.02297	.00038	-.00004	-.00127	.00017	-.00003	.04084
#3	-.00003	-.01612	.00005	-.00003	-.00137	-.00011	-.00013	-.07196
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00010	.03936	.00048	-.00051	.00417	.00038	.00955
Stddev	.00007	.00037	.00681	.00033	.00002	.01727	.00013	.00266
%RSD	82.944	378.17	17.298	69.030	3.8953	413.75	32.945	27.834
#1	.00005	-.00002	.04302	.00074	-.00050	.02208	.00039	.00718
#2	.00004	-.00049	.04357	.00059	-.00050	-.01237	.00050	.00905
#3	.00017	.00022	.03151	.00011	-.00054	.00280	.00025	.01243
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00045	-.00127	-.00145	-.00014	-.0006	.00010	F 3.3306
Stddev	.00148	.00198	.00043	.00250	.00052	.0024	.00005	.1693
%RSD	89.296	437.68	33.403	172.74	369.37	384.7	46.633	5.0843
#1	.00164	-.00124	-.00081	-.00322	-.00030	-.0025	.00016	3.3857
#2	.00018	.00180	-.00165	-.00254	.00044	.0020	.00009	3.1406
#3	.00313	-.00192	-.00136	.00141	-.00056	-.0014	.00007	3.4656

Sample Name: CCB08 Acquired: 5/20/2019 22:09:18 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .84313
Stddev	.07036
%RSD	8.3452

#1	.86425
#2	.76463
#3	.90051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.8	52485.	4621.5	56.073	4244.9
Stddev	6.8	148.	20.5	1.000	23.9
%RSD	.16779	.28127	.44375	1.7826	.56266

#1	4034.0	52386.	4610.1	55.605	4225.5
#2	4030.1	52415.	4609.2	57.220	4271.6
#3	4043.3	52655.	4645.1	55.393	4237.5

Sample Name: K2913-06LX5 Acquired: 5/20/2019 22:13:47 Type: Unk
Method: P4-ICP2(v3135) 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	.00113	.00214	.00160	-.00261	.00075	-.01589	.10654	.00012
Stddev	.00234	.00041	.00057	.00110	.00070	.00427	.00086	.00003
%RSD	207.24	19.298	35.595	42.401	92.427	26.852	.80493	23.842

#1	-.00157	.00171	.00134	-.00289	.00150	-.01676	.10727	.00015
#2	.00232	.00253	.00226	-.00139	.00063	-.01125	.10560	.00009
#3	.00264	.00219	.00121	-.00354	.00012	-.01965	.10674	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	4.7003	-.00001	-.00004	-.00048	.00258	.02764	.96955
Stddev	.00002	.0218	.00028	.00007	.00016	.00048	.00007	.03773
%RSD	31.323	.46303	4638.0	160.46	33.101	18.621	.25127	3.8912

#1	-.00009	4.7229	-.00025	-.00007	-.00061	.00242	.02771	1.0049
#2	-.00010	4.6985	-.00007	.00003	-.00053	.00220	.02763	.97389
#3	-.00005	4.6795	.00030	-.00010	-.00030	.00312	.02757	.92984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00021	24.880	.00070	.00371	.81174	.00079	.02165
Stddev	.00025	.00049	.034	.00015	.00002	.01547	.00007	.01169
%RSD	93.891	235.08	.13809	21.861	.59523	1.9053	9.1293	54.021

#1	-.00047	.00004	24.890	.00073	.00373	.82903	.00087	.00870
#2	-.00033	-.00017	24.909	.00083	.00371	.80698	.00076	.02481
#3	.00001	.00075	24.842	.00053	.00369	.79922	.00073	.03143

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12596	.44835	-.00196	-.00207	.00016	.0005	.03806	3.8244
Stddev	.00130	.00278	.00019	.00084	.00036	.0020	.00006	.0710
%RSD	1.0334	.62001	9.5754	40.469	228.78	433.7	.16421	1.8561

#1	.12730	.45015	-.00188	-.00173	.00024	-.0012	.03812	3.7495
#2	.12470	.44515	-.00182	-.00303	.00047	.0027	.03800	3.8907
#3	.12587	.44976	-.00217	-.00147	-.00024	-.0001	.03805	3.8330

Sample Name: K2913-06LX5 Acquired: 5/20/2019 22:13:47 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.73880
Stddev	.17009
%RSD	23.023

#1	.72666
#2	.91463
#3	.57510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.3	51163.	4572.0	56.356	4083.0
Stddev	4.2	62.	4.5	.786	20.8
%RSD	.10551	.12114	.09791	1.3955	.50962

#1	3978.9	51102.	4567.4	56.732	4059.5
#2	3978.8	51161.	4572.3	55.452	4090.4
#3	3986.2	51226.	4576.3	56.884	4099.1

Sample Name: K2913-06MS Acquired: 5/20/2019 22:18:15 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17MS 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	.77384	1.9949	.97864	1.9710	.78886	1.9651	.75007	.20085	.19836
Stddev	.00265	.0062	.00085	.0069	.00549	.0194	.00545	.00067	.00007
%RSD	.34205	.30978	.08671	.34885	.69535	.98532	.72623	.33245	.03569
#1	.77567	2.0020	.97863	1.9661	.78260	1.9429	.74983	.20017	.19828
#2	.77505	1.9912	.97780	1.9681	.79119	1.9787	.75563	.20090	.19838
#3	.77080	1.9914	.97950	1.9789	.79281	1.9736	.74475	.20150	.19841
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.658	.41106	.20492	.30340	3.0829	.34113	7.0616	.50423	.07111
Stddev	.165	.00087	.00017	.00059	.0039	.00038	.0561	.00042	.00059
%RSD	.66882	.21049	.08189	.19589	.12537	.11146	.79437	.08411	.83380
#1	24.470	.41048	.20502	.30320	3.0804	.34099	6.9976	.50380	.07091
#2	24.727	.41064	.20473	.30293	3.0810	.34156	7.0848	.50465	.07177
#3	24.778	.41205	.20502	.30407	3.0874	.34083	7.1023	.50424	.07064
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	130.58	.31331	.23042	14.222	.42339	.44335	.64253	2.9984	.69658
Stddev	.60	.00050	.00008	.098	.00030	.01429	.00291	.0154	.00160
%RSD	.45594	.16053	.03542	.68655	.07035	3.2226	.45358	.51426	.22918
#1	130.45	.31336	.23042	14.270	.42365	.42761	.64527	3.0016	.69655
#2	131.23	.31378	.23051	14.287	.42346	.44697	.63947	2.9816	.69820
#3	130.05	.31278	.23034	14.110	.42306	.45548	.64285	3.0119	.69500
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20108	.19826	5.919	.38439	4.7514	.77123			
Stddev	.00147	.00092	.012	.00129	.0765	.32944			
%RSD	.73010	.46568	.2088	.33674	1.6095	42.716			
#1	.19939	.19795	5.911	.38357	4.6719	.67903			
#2	.20180	.19752	5.934	.38588	4.7578	.49771			
#3	.20206	.19929	5.914	.38371	4.8245	1.1369			

Sample Name: K2913-06MS Acquired: 5/20/2019 22:18:15 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17MS 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	3803.3	48976.	4534.5	55.257	3778.3
Stddev	10.3	232.	13.7	.666	8.4
%RSD	.27022	.47419	.30300	1.2061	.22318
#1	3801.5	48772.	4518.7	54.912	3775.4
#2	3814.4	48928.	4541.1	56.025	3787.8
#3	3794.1	49229.	4543.6	54.833	3771.7

Sample Name: K2913-06MSD Acquired: 5/20/2019 22:22:23 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17MSD 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	.77333	1.9916	.98083	1.9837	.79635	1.9463	.76201	.20115	.19923
Stddev	.00458	.0037	.00212	.0048	.00149	.0164	.00326	.00049	.00009
%RSD	.59186	.18780	.21587	.24018	.18733	.83989	.42756	.24523	.04402

#1	.77804	1.9874	.98268	1.9834	.79669	1.9440	.76216	.20062	.19915
#2	.76890	1.9927	.97852	1.9791	.79764	1.9313	.75868	.20160	.19922
#3	.77304	1.9946	.98129	1.9886	.79472	1.9637	.76519	.20123	.19932

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.066	.41336	.20534	.30556	3.0905	.34457	7.1585	.50492	.07020
Stddev	.118	.00176	.00070	.00061	.0053	.00059	.0259	.00125	.00089
%RSD	.46931	.42607	.34152	.19834	.17235	.17019	.36171	.24762	1.2619

#1	24.931	.41451	.20523	.30609	3.0906	.34392	7.1553	.50418	.07026
#2	25.132	.41133	.20470	.30568	3.0851	.34507	7.1343	.50422	.06929
#3	25.137	.41423	.20609	.30490	3.0958	.34471	7.1858	.50637	.07106

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	132.99	.31362	.25075	14.268	.42249	.45411	.66124	3.0663	.69726
Stddev	.34	.00023	.00018	.078	.00094	.01636	.00343	.0078	.00036
%RSD	.25644	.07243	.07355	.54945	.22205	3.6033	.51825	.25373	.05127

#1	133.01	.31388	.25096	14.357	.42317	.46340	.66368	3.0747	.69755
#2	132.64	.31349	.25068	14.238	.42142	.43521	.65732	3.0648	.69737
#3	133.32	.31348	.25061	14.209	.42289	.46371	.66271	3.0593	.69686

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19894	.19792	5.948	.39001	4.7339	.81404
Stddev	.00118	.00132	.014	.00182	.2180	.23736
%RSD	.59470	.66709	.2331	.46773	4.6050	29.158

#1	.19820	.19641	5.952	.38901	4.5817	1.0870
#2	.20030	.19884	5.933	.39212	4.9836	.65581
#3	.19831	.19851	5.960	.38891	4.6364	.69935

Sample Name: K2913-06MSD Acquired: 5/20/2019 22:22:23 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17MSD 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	3795.4	49078.	4540.2	54.373	3771.2
Stddev	13.1	173.	21.8	.865	9.6
%RSD	.34552	.35158	.48104	1.5911	.25440
#1	3781.2	48880.	4536.5	54.370	3761.4
#2	3797.9	49198.	4520.4	53.510	3771.8
#3	3807.1	49154.	4563.6	55.240	3780.5

Sample Name: K2913-06A Acquired: 5/20/2019 22:26:30 Type: Unk
Method: P4-ICP2(v3135) 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	.76738	1.9796	.97362	1.9628	.79148	1.9510	.75758	.20042	.19733
Stddev	.00510	.0067	.00105	.0062	.00308	.0216	.00169	.00051	.00023
%RSD	.66480	.33931	.10799	.31730	.38946	1.1074	.22322	.25537	.11410

#1	.76554	1.9832	.97250	1.9585	.79486	1.9318	.75565	.20101	.19754
#2	.76345	1.9718	.97458	1.9599	.79073	1.9468	.75880	.20015	.19709
#3	.77314	1.9837	.97378	1.9699	.78883	1.9744	.75830	.20010	.19737

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.615	.41219	.20386	.30303	3.0798	.34166	7.1059	.50167	.06995
Stddev	.530	.00135	.00006	.00057	.0050	.00074	.0479	.00047	.00010
%RSD	2.1540	.32832	.03016	.18726	.16068	.21606	.67357	.09332	.14548

#1	24.003	.41279	.20393	.30366	3.0766	.34202	7.0755	.50181	.07006
#2	24.898	.41064	.20383	.30287	3.0774	.34081	7.0813	.50114	.06992
#3	24.944	.41314	.20381	.30256	3.0855	.34215	7.1611	.50204	.06986

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	131.90	.31336	.22823	14.207	.42069	.45232	.64520	3.0325	.69544
Stddev	.44	.00047	.00019	.164	.00016	.01302	.00363	.0469	.00269
%RSD	.33514	.14858	.08478	1.1573	.03853	2.8782	.56250	1.5466	.38702

#1	131.39	.31309	.22837	14.105	.42051	.46735	.64903	2.9979	.69291
#2	132.15	.31390	.22801	14.119	.42072	.44433	.64181	3.0858	.69513
#3	132.17	.31309	.22832	14.396	.42083	.44529	.64477	3.0137	.69827

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19615	.19630	5.902	.38610	4.2090	.45587			
Stddev	.00527	.00514	.002	.00695	.1083	.26003			
%RSD	2.6863	2.6160	.0312	1.8008	2.5738	57.040			

#1	.19009	.19045	5.903	.37861	4.2260	.54196			
#2	.19963	.20008	5.902	.39234	4.0932	.16371			
#3	.19874	.19837	5.900	.38735	4.3079	.66193			

Sample Name: K2913-06A Acquired: 5/20/2019 22:26:30 Type: Unk
Method: P4-ICP2(v3135) 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	3808.0	48956.	4566.3	54.936	3788.5
Stddev	1.8	47.	65.0	.826	2.9
%RSD	.04831	.09600	1.4234	1.5036	.07669
#1	3810.1	48915.	4633.5	55.116	3788.6
#2	3807.0	49007.	4503.8	54.035	3785.5
#3	3806.9	48944.	4561.5	55.657	3791.3

Sample Name: K2900-03 Acquired: 5/20/2019 22:30:37 Type: Unk
Method: P4-ICP2(v3135) 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	-.00191	-.00249	.04224	.00427	.00181	.01722	.11425	.00002
Stddev	.00049	.00076	.00082	.00173	.00103	.00987	.00138	.00002
%RSD	25.588	30.642	1.9513	40.493	56.952	57.303	1.2087	132.03

#1	-.00156	-.00335	.04313	.00356	.00251	.02579	.11326	.00004
#2	-.00247	-.00188	.04209	.00301	.00228	.01942	.11583	.00002
#3	-.00170	-.00225	.04150	.00624	.00063	.00643	.11367	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	149.10	.00036	.00311	.02069	.00884	.48790	3.2832
Stddev	.00010	.24	.00046	.00017	.00019	.00070	.00032	.0625
%RSD	3.3207	.16378	129.21	5.4054	.92157	7.9553	.06568	1.9032

#1	.00295	149.38	.00008	.00322	.02059	.00845	.48827	3.2332
#2	.00281	148.96	.00089	.00320	.02057	.00965	.48769	3.3532
#3	.00300	148.96	.00010	.00292	.02091	.00841	.48773	3.2631

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00052	362.59	.00000	1.7601	3.9460	.00097	.06989
Stddev	.00010	.00028	1.95	.00057	.0051	.0588	.00013	.00712
%RSD	6.4155	54.707	.53777	14645.	.29093	1.4903	13.684	10.193

#1	.00159	-.00033	361.74	.00052	1.7603	3.8817	.00091	.07724
#2	.00143	-.00038	364.82	-.00061	1.7651	3.9970	.00113	.06943
#3	.00161	-.00085	361.21	.00010	1.7549	3.9593	.00089	.06301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1622	3.7115	-.00396	-.00873	.03420	.0168	.59854	4.9256
Stddev	.0150	.0221	.00079	.00056	.00246	.0006	.00248	.0992
%RSD	.18318	.59411	19.926	6.4493	7.2056	3.438	.41434	2.0140

#1	8.1735	3.7291	-.00395	-.00931	.03255	.0166	.60106	5.0398
#2	8.1677	3.6868	-.00475	-.00819	.03302	.0163	.59844	4.8618
#3	8.1452	3.7187	-.00318	-.00869	.03704	.0174	.59610	4.8751

Sample Name: K2900-03 Acquired: 5/20/2019 22:30:37 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6695
Stddev .1677
%RSD 10.047

#1 1.7494
#2 1.4768
#3 1.7823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.8	46569.	4444.6	53.308	3556.8
Stddev	12.3	213.	26.8	1.421	14.5
%RSD	.33660	.45636	.60278	2.6656	.40881

#1	3652.8	46487.	4413.9	51.762	3560.6
#2	3629.1	46409.	4463.2	53.607	3540.7
#3	3646.6	46810.	4456.8	54.556	3569.0

Sample Name: CCV09 Acquired: 5/20/2019 22:35:07 Type: Unk
Method: P4-ICP2(v3135) 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	4.9509	5.1455	4.9960	4.9748	5.0137	9.7114	9.8891	.25488
Stddev	.0049	.0109	.0033	.0053	.0128	.0795	.1358	.00050
%RSD	.09943	.21230	.06616	.10745	.25495	.81865	1.3727	.19762

#1	4.9452	5.1461	4.9974	4.9723	5.0140	9.6820	9.8634	.25545
#2	4.9538	5.1342	4.9922	4.9810	5.0263	9.6507	9.7681	.25463
#3	4.9537	5.1561	4.9983	4.9712	5.0008	9.8014	10.036	.25454

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5216	25.041	1.0079	2.5217	1.2506	5.0538	2.5650	24.460
Stddev	.0020	.075	.0023	.0021	.0015	.0036	.0008	.169
%RSD	.07843	.29989	.22584	.08415	.11823	.07212	.03136	.69103

#1	2.5234	25.026	1.0067	2.5238	1.2511	5.0571	2.5655	24.517
#2	2.5195	24.975	1.0066	2.5196	1.2517	5.0499	2.5641	24.270
#3	2.5220	25.123	1.0106	2.5216	1.2489	5.0545	2.5655	24.593

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5164	1.2391	24.416	2.5303	2.5239	24.744	5.0555	4.9479
Stddev	.0022	.0013	.124	.0046	.0028	.093	.0066	.0305
%RSD	.08710	.10684	.50634	.18293	.11198	.37513	.13040	.61568

#1	2.5184	1.2400	24.456	2.5309	2.5254	24.776	5.0480	4.9277
#2	2.5141	1.2397	24.278	2.5254	2.5206	24.640	5.0581	4.9329
#3	2.5168	1.2375	24.515	2.5346	2.5256	24.818	5.0604	4.9829

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9091	4.8783	4.9872	4.9878	4.8491	5.034	5.0044	F 3.8600
Stddev	.0157	.0302	.0037	.0068	.0332	.007	.0220	.0469
%RSD	.32020	.61938	.07524	.13592	.68495	.1484	.43955	1.2150

#1	4.9127	4.8830	4.9894	4.9848	4.8817	5.033	5.0225	3.9139
#2	4.8918	4.9059	4.9828	4.9956	4.8503	5.027	5.0108	3.8369
#3	4.9226	4.8460	4.9893	4.9831	4.8153	5.042	4.9799	3.8291

Sample Name: CCV09 Acquired: 5/20/2019 22:35:07 Type: Unk
 Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0463
Stddev	.2580
%RSD	8.4704

#1	3.1249
#2	3.2558
#3	2.7581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.3	50115.	4553.4	54.053	3815.8
Stddev	6.0	170.	21.9	.442	8.2
%RSD	.15241	.33943	.48149	.81861	.21515

#1	3902.8	50060.	4537.4	54.234	3806.6
#2	3905.0	50306.	4544.4	54.377	3822.4
#3	3914.0	49979.	4578.4	53.549	3818.5

Sample Name: CCB09 Acquired: 5/20/2019 22:39:15 Type: Unk
Method: P4-ICP2(v3135) 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	-.00117	.00119	.00187	-.00204	.00079	-.01629	.00070	.00009
Stddev	.00267	.00044	.00094	.00093	.00120	.00372	.00014	.00010
%RSD	228.15	37.362	50.155	45.739	152.04	22.844	20.703	117.36
#1	-.00186	.00079	.00253	-.00128	-.00042	-.01202	.00053	.00010
#2	.00178	.00111	.00229	-.00175	.00197	-.01880	.00077	-.00002
#3	-.00343	.00166	.00080	-.00308	.00082	-.01807	.00079	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01099	-.00033	.00008	-.00075	-.00071	-.00008	.02429
Stddev	.00004	.00478	.00033	.00008	.00027	.00041	.00003	.00549
%RSD	342.64	43.464	98.873	109.85	36.162	58.622	38.074	22.602
#1	.00000	-.01291	-.00066	.00013	-.00068	-.00099	-.00012	.03061
#2	-.00002	-.00555	-.00001	.00012	-.00105	-.00023	-.00006	.02076
#3	.00006	-.01452	-.00032	-.00002	-.00052	-.00090	-.00007	.02149
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00031	.04579	.00060	-.00051	.01917	.00049	-.00615
Stddev	.00003	.00016	.00214	.00027	.00015	.01896	.00039	.01212
%RSD	6.6483	52.084	4.6789	45.176	28.752	98.950	80.359	196.91
#1	.00043	.00013	.04668	.00071	-.00041	.01088	.00093	-.00461
#2	.00039	.00045	.04335	.00029	-.00044	.00575	.00038	-.01897
#3	.00045	.00035	.04736	.00080	-.00068	.04086	.00016	.00512
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00210	-.00115	-.00293	-.00019	-.0002	.00011	F 2.6758
Stddev	.00043	.00125	.00025	.00045	.00166	.0012	.00007	.1395
%RSD	56.814	59.793	22.090	15.214	860.14	570.4	62.508	5.2144
#1	-.00089	-.00072	-.00100	-.00342	-.00108	-.0001	.00016	2.5300
#2	-.00028	-.00317	-.00144	-.00255	.00173	.0009	.00003	2.6893
#3	-.00111	-.00240	-.00100	-.00280	-.00122	-.0014	.00013	2.8081

Sample Name: CCB09 Acquired: 5/20/2019 22:39:15 Type: Unk
Method: P4-ICP2(v3135) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .84793
Stddev	.26061
%RSD	30.735

#1	.80954
#2	1.1256
#3	.60865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4072.5	52928.	4589.0	56.833	4285.3
Stddev	9.1	56.	17.3	.460	10.3
%RSD	.22225	.10621	.37790	.80910	.23946

#1	4064.2	52863.	4575.2	56.323	4275.1
#2	4071.1	52956.	4583.2	57.216	4285.2
#3	4082.2	52965.	4608.4	56.959	4295.6