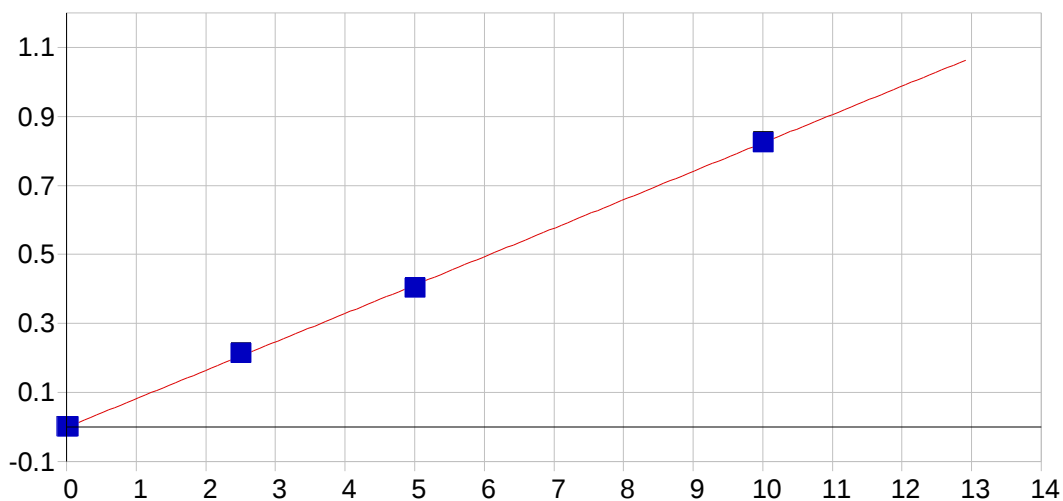




As 189.042 {478}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000543

Re-Slope: 1.000000

A1 (Gain): 0.082369

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999745

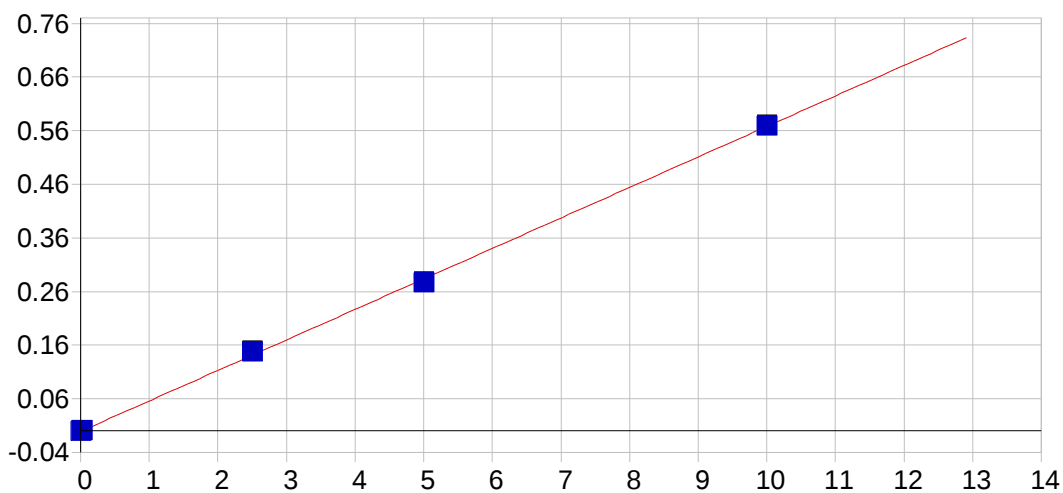
Status: OK.

Std Error of Est: 0.000045

Predicted MDL: 0.002765

Predicted MQL: 0.009217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00054	.000	1
S1	.02000	.01411	-.006	-29.4	.00062	.000	1
S3	2.5000	2.6065	.107	4.26	.21414	.001	1
S4	5.0000	4.8849	-.115	-2.30	.40179	.002	1
S5	10.000	10.014	.014	.144	.82427	.002	1



As 189.042 {479}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

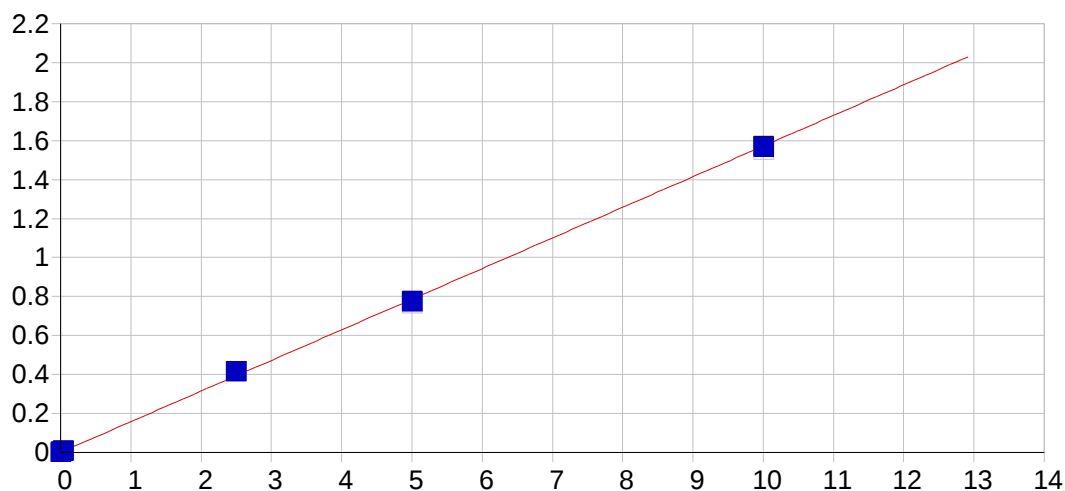
Weighting: 1/Conc

A0 (Offset): -0.000742

Re-Slope: 1.000000

A1 (Gain): 0.056870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002603
 Predicted MQL: 0.008678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00074	.000	1
S1	.02000	.01629	-.004	-18.5	.00018	.000	1
S3	2.5000	2.6091	.109	4.36	.14758	.001	1
S4	5.0000	4.8793	-.121	-2.41	.27664	.001	1
S5	10.000	10.015	.015	.153	.56862	.001	1

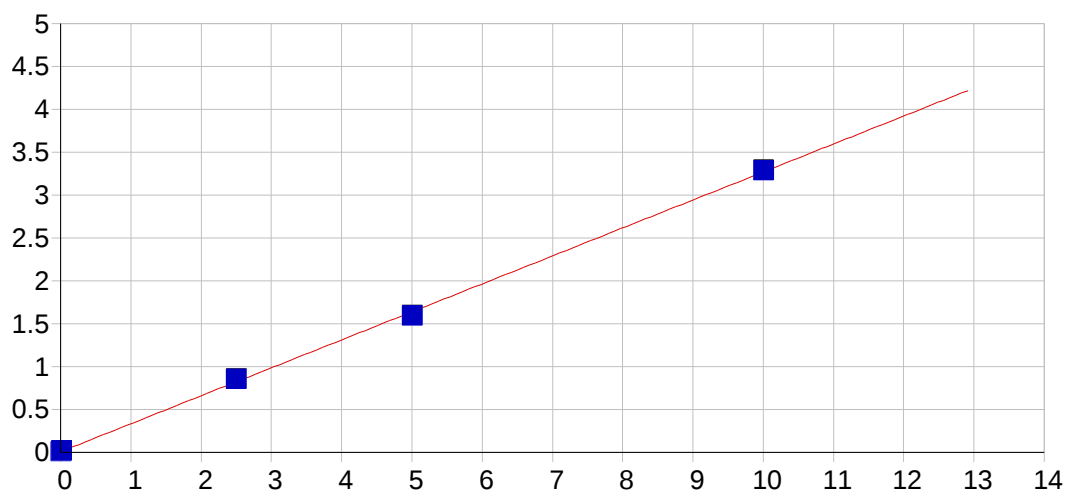


TI 190.856 {477}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000693 Re-Slope: 1.000000
 A1 (Gain): 0.157127 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.001130
 Predicted MQL: 0.003767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00069	.000	1
S1	.04000	.03740	-.003	-6.50	.00641	.000	1
S3	2.5000	2.6302	.130	5.21	.40994	.001	1
S4	5.0000	4.9022	-.098	-1.96	.76290	.003	1
S5	10.000	9.9702	-.030	-.298	1.5512	.002	1

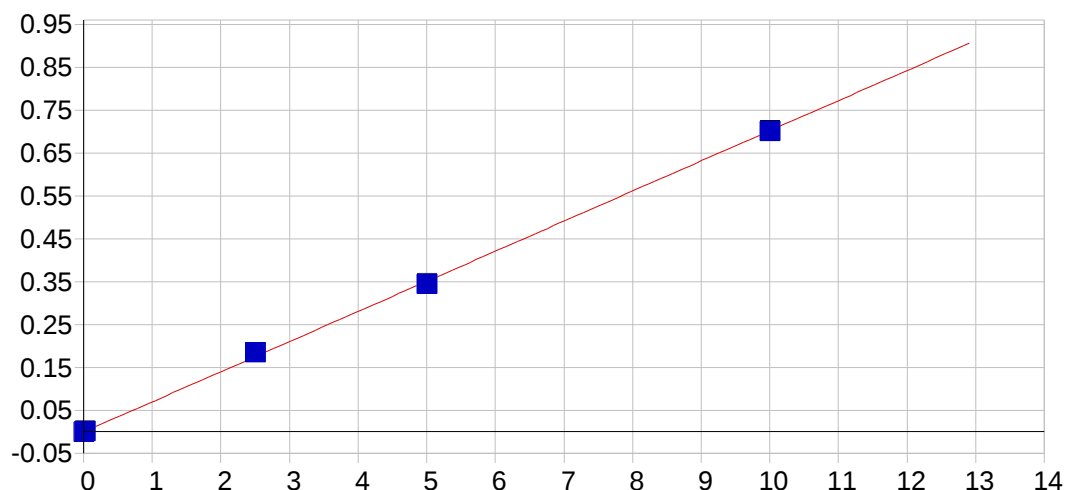


Pb 220.353 {453}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007734 Re-Slope: 1.000000
 A1 (Gain): 0.326173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.000960
 Predicted MQL: 0.003199

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00773	.000	1
S1	.01200	.01173	-.000	-2.26	.01149	.000	1
S3	2.5000	2.5930	.093	3.72	.85255	.001	1
S4	5.0000	4.8566	-.143	-2.87	1.5899	.002	1
S5	10.000	10.051	.051	.506	3.2821	.001	1



Se 196.090 {472}

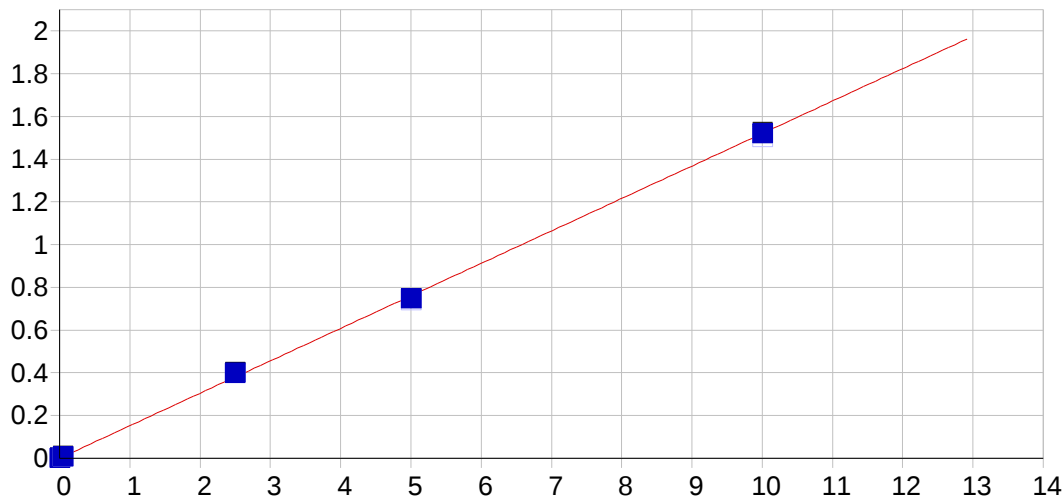
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.070202 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721
 Std Error of Est: 0.000040
 Predicted MDL: 0.003009
 Predicted MQL: 0.010029

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.02000	.01651	-.003	-17.4	.00097	.000	1
S3	2.5000	2.6332	.133	5.33	.18465	.000	1
S4	5.0000	4.9002	-.100	-2.00	.34377	.001	1
S5	10.000	9.9700	-.030	-.300	.69964	.001	1



Sb 206.833 {463}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

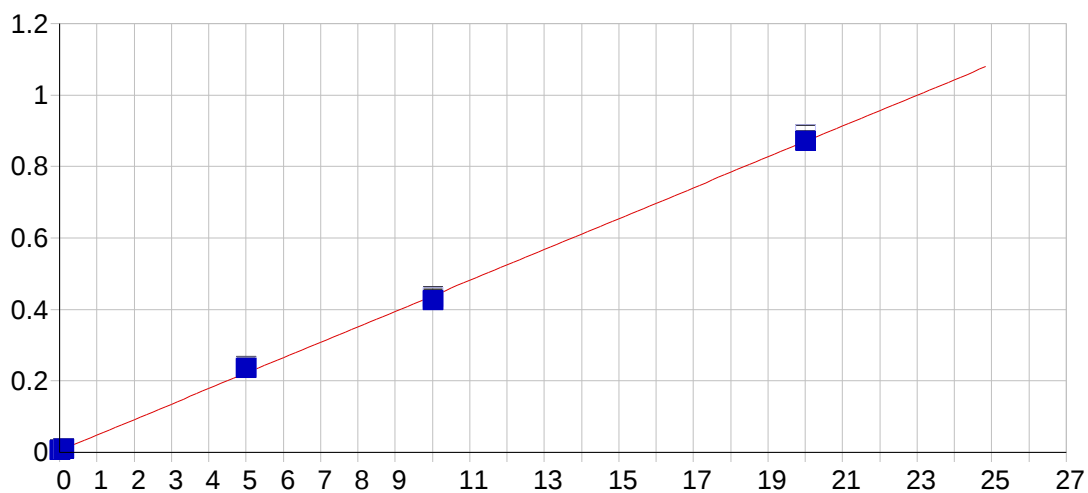
Weighting: 1/Conc

A0 (Offset): 0.000605
 A1 (Gain): 0.151965
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743
 Std Error of Est: 0.000130
 Predicted MDL: 0.001732
 Predicted MQL: 0.005774

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	.00061	.000	1
S1	.05000	.04529	-.005	-9.42	.00730	.000	1
S3	2.5000	2.6247	.125	4.99	.39520	.002	1
S4	5.0000	4.8973	-.103	-2.05	.73628	.002	1
S5	10.000	9.9826	-.017	-.174	1.5005	.006	1

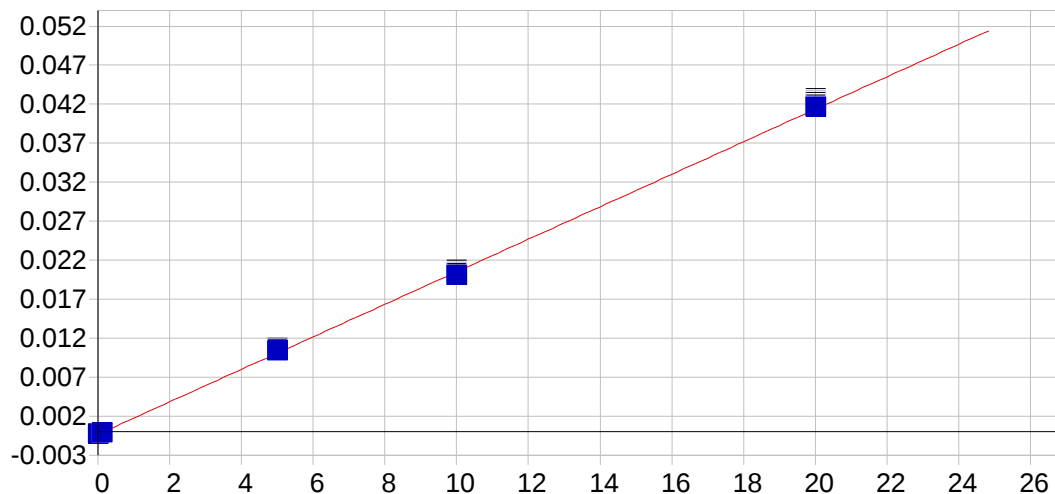


AI 308.215 {109}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005380 Re-Slope: 1.000000
 A1 (Gain): 0.043241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.002878
 Predicted MQL: 0.009593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00538	.000	1
S1	.10000	.09113	-.009	-8.87	.00962	.000	1
S3	5.0000	5.2984	.298	5.97	.23879	.001	1
S4	10.000	9.7071	-.293	-2.93	.43373	.001	1
S5	20.000	20.004	.004	.019	.88758	.000	1



AI 309.271 {109}

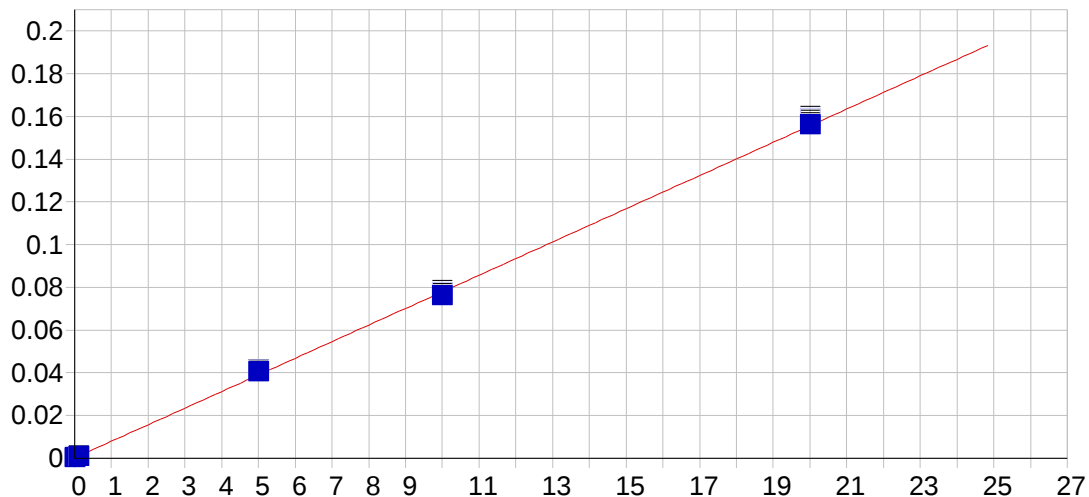
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000314 Re-Slope: 1.000000
 A1 (Gain): 0.002083 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748
 Std Error of Est: 0.000004
 Predicted MDL: 0.033635
 Predicted MQL: 0.112116

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00031	.000	1
S1	.10000	.07182	-.028	-28.2	-.00015	.000	1
S3	5.0000	5.1469	.147	2.94	.01062	.000	1
S4	10.000	9.7666	-.233	-2.33	.02045	.000	1
S5	20.000	20.116	.116	.580	.04242	.000	1



AI 396.152 { 85}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

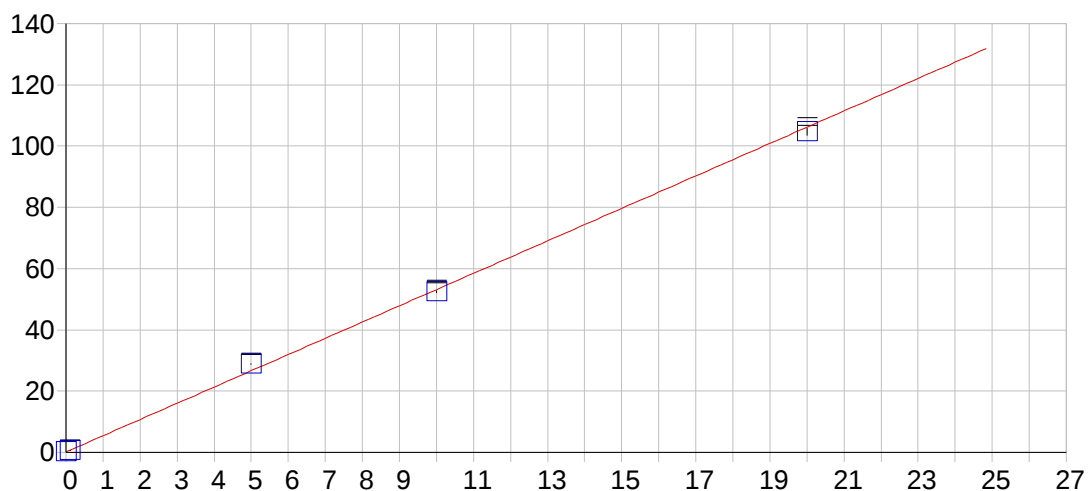
Weighting: 1/Conc

A0 (Offset): 0.000176
 A1 (Gain): 0.007775
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000012
 Predicted MDL: 0.015332
 Predicted MQL: 0.051106

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	.00018	.000	1
S1	.10000	.08876	-.011	-11.2	.00092	.000	1
S3	5.0000	5.1864	.186	3.73	.04127	.000	1
S4	10.000	9.7736	-.226	-2.26	.07771	.001	1
S5	20.000	20.052	.052	.259	.15918	.001	1

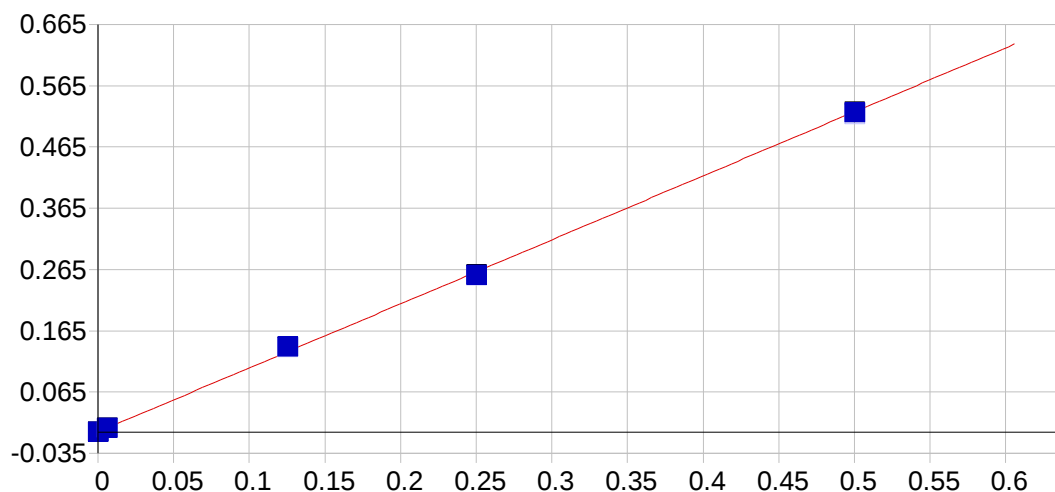


Ba 493.409 { 68}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.142227 Re-Slope: 1.000000
 A1 (Gain): 5.301965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999409 Status: OK.
 Std Error of Est: 0.013942
 Predicted MDL: 0.000813
 Predicted MQL: 0.002712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.14222	.001	1
S1	.10000	.09514	-.005	-4.86	.64665	.009	1
S3	5.0000	5.4213	.421	8.43	28.886	.169	1
S5	20.000	19.715	-.285	-1.43	104.67	1.23	1
S4	10.000	9.8686	-.131	-1.31	52.465	.464	1



Be 234.861 {144}

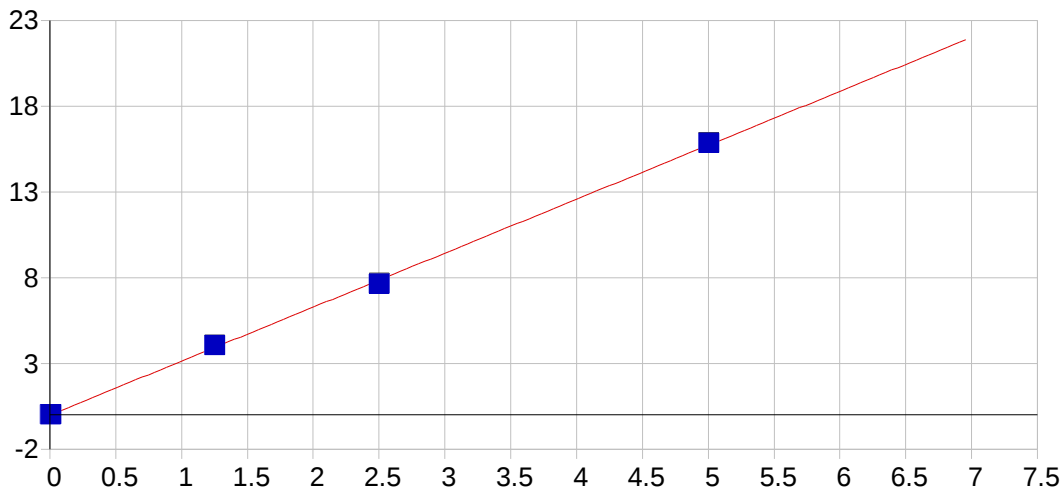
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000078 Re-Slope: 1.000000
 A1 (Gain): 1.045119 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999620
 Std Error of Est: 0.000085
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.00600	.00514	-.001	-14.3	.00523	.000	1
S3	.12500	.13228	.007	5.83	.13735	.000	1
S4	.25000	.24472	-.005	-2.11	.25404	.000	1
S5	.50000	.49884	-.001	-.231	.51798	.001	1



Cd 226.502 {449}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

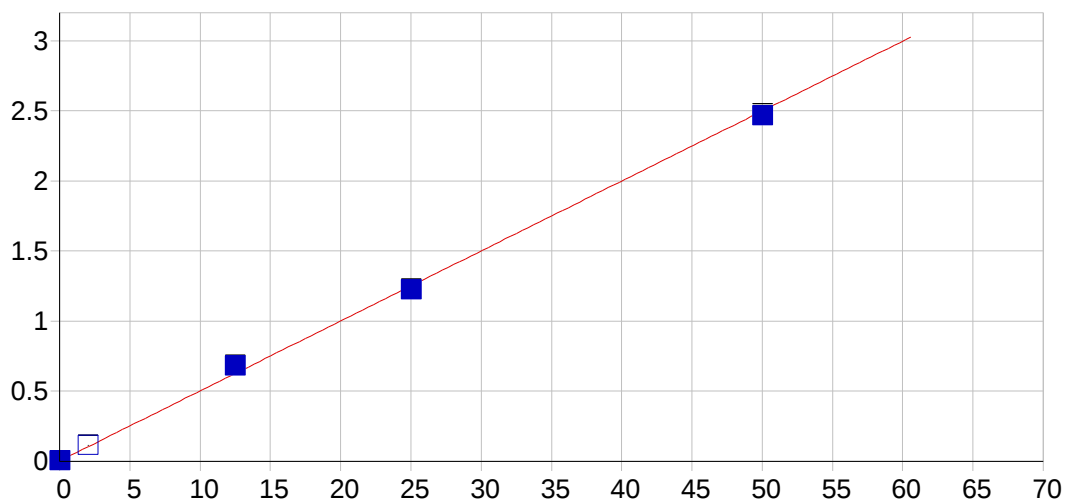
Weighting: 1/Conc

A0 (Offset): -0.003494
 A1 (Gain): 3.145857
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790
 Std Error of Est: 0.000603
 Predicted MDL: 0.000098
 Predicted MQL: 0.000328

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	-.00349	.000	1
S1	.00600	.00485	-.001	-19.1	.01178	.000	1
S3	1.2500	1.2869	.037	2.95	4.0450	.004	1
S4	2.5000	2.4275	-.073	-2.90	7.6332	.014	1
S5	5.0000	5.0368	.037	.736	15.842	.016	1

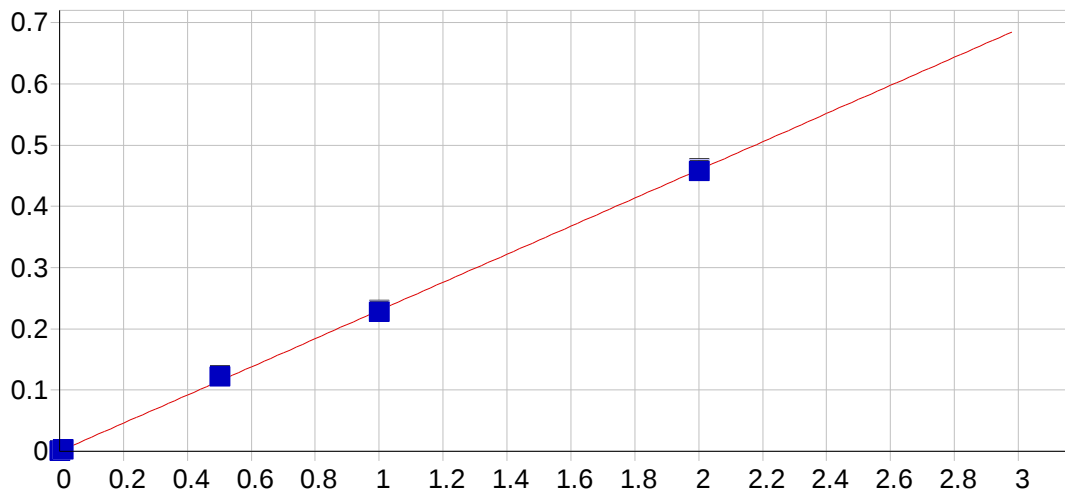


Ca 373.690 { 90}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003278 Re-Slope: 1.000000
 A1 (Gain): 0.049912 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999258 Status: OK.
 Std Error of Est: 0.001050
 Predicted MDL: 0.019782
 Predicted MQL: 0.065941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2001	.200	10.0	.11309	.001	1
S0	.00000	-.00030	-.000	.000	.00326	.001	1
S3	12.500	13.563	1.06	8.51	.68059	.002	1
S4	25.000	24.435	-.565	-2.26	1.2235	.006	1
S5	50.000	49.302	-.698	-1.40	2.4654	.015	1



Cr 267.716 {126}

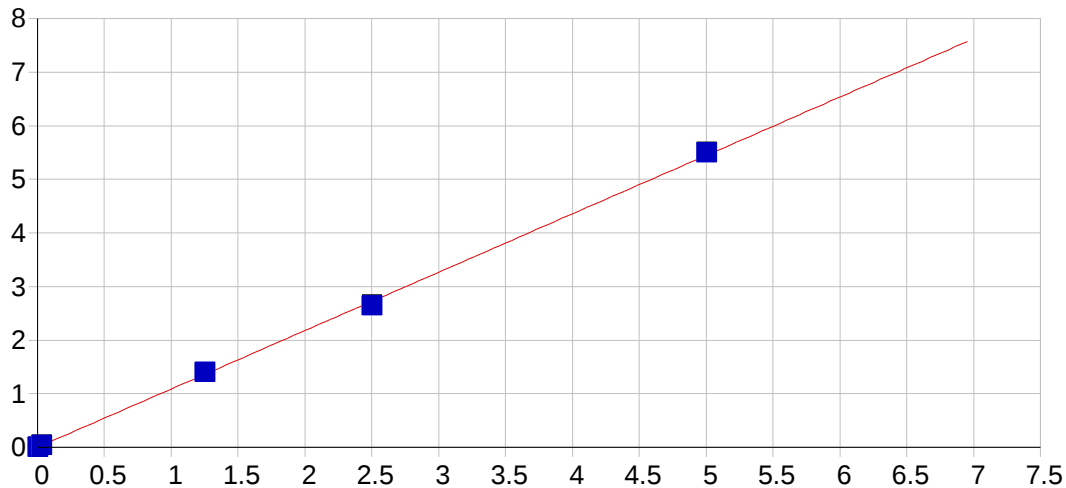
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000154 Re-Slope: 1.000000
 A1 (Gain): 0.229708 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677
 Std Error of Est: 0.000045
 Predicted MDL: 0.000442
 Predicted MQL: 0.001473

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	.00818	-.002	-18.2	.00204	.000	1
S3	.50000	.52908	.029	5.82	.12254	.000	1
S4	1.0000	.98646	-.014	-1.35	.22847	.001	1
S5	2.0000	1.9863	-.014	-.686	.45985	.001	1



Co 228.616 {447}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

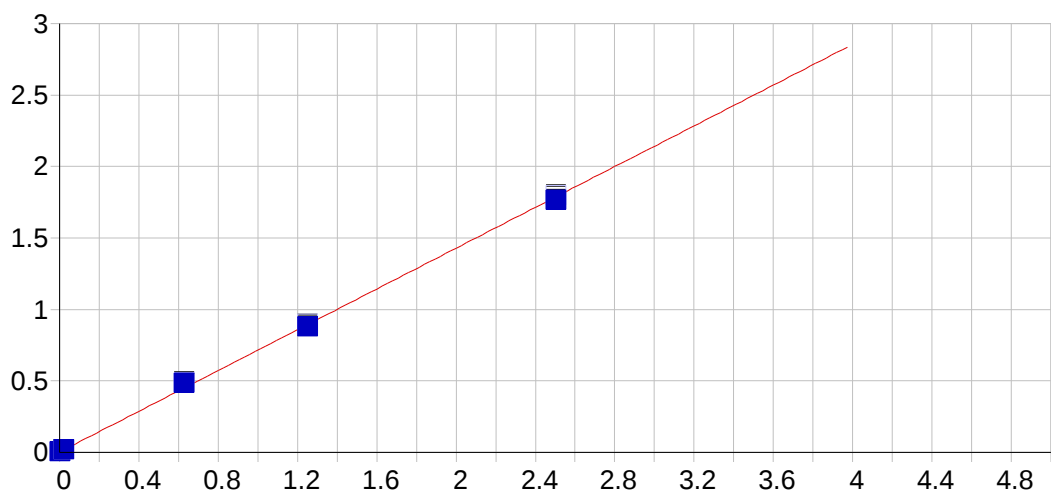
Weighting: 1/Conc

A0 (Offset): 0.000597
 A1 (Gain): 1.088924
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765
 Std Error of Est: 0.000495
 Predicted MDL: 0.000255
 Predicted MQL: 0.000850

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	.00060	.000	1
S1	.03000	.02745	-.003	-8.49	.03027	.000	1
S3	1.2500	1.2877	.038	3.02	1.4039	.002	1
S4	2.5000	2.4223	-.078	-3.11	2.6404	.007	1
S5	5.0000	5.0425	.043	.850	5.4958	.006	1

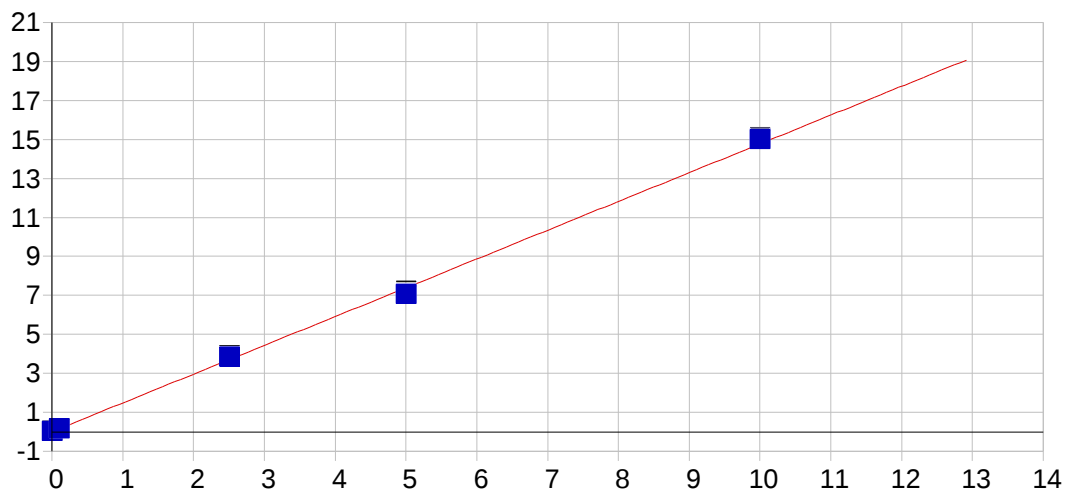


Cu 224.700 {450}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002358 Re-Slope: 1.000000
 A1 (Gain): 0.713183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000277
 Predicted MDL: 0.000499
 Predicted MQL: 0.001663

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00236	.000	1
S1	.02000	.01880	-.001	-6.01	.01598	.000	1
S3	.62500	.67384	.049	7.81	.49013	.001	1
S4	1.2500	1.2297	-.020	-1.62	.89380	.002	1
S5	2.5000	2.4726	-.027	-1.10	1.7946	.004	1



Fe 240.488 {140}

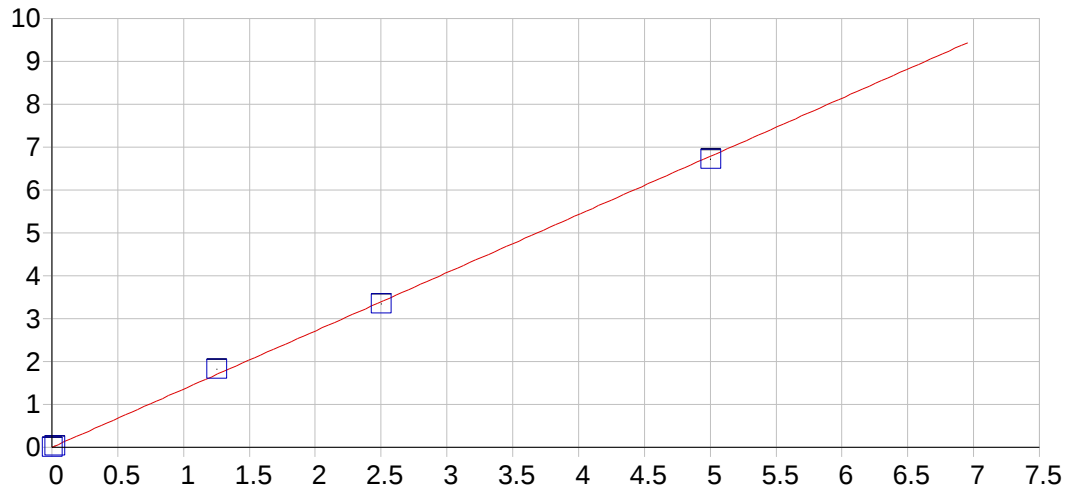
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005108 Re-Slope: 1.000000
 A1 (Gain): 1.476768 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999501
 Std Error of Est: 0.002538
 Predicted MDL: 0.007818
 Predicted MQL: 0.026059

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00512	.014	1
S1	.10000	.08941	-.011	-10.6	.13787	.005	1
S3	2.5000	2.5984	.098	3.94	3.8609	.048	1
S4	5.0000	4.7688	-.231	-4.62	7.0847	.115	1
S5	10.000	10.143	.143	1.43	15.059	.047	1



Mn 257.610 {131}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

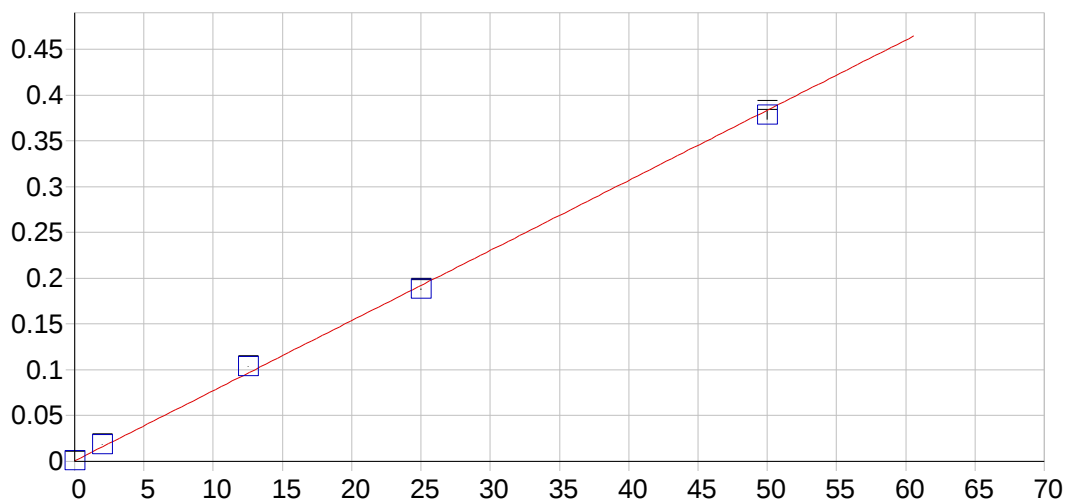
Weighting: 1/Conc

A0 (Offset): 0.000388
 A1 (Gain): 1.356928
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999562
 Std Error of Est: 0.000686
 Predicted MDL: 0.000069
 Predicted MQL: 0.000231

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	.00039	.000	1
S1	.02000	.01866	-.001	-6.68	.02571	.000	1
S3	1.2500	1.3401	.090	7.21	1.8188	.003	1
S4	2.5000	2.4617	-.038	-1.53	3.3407	.004	1
S5	5.0000	4.9495	-.050	-1.01	6.7166	.009	1

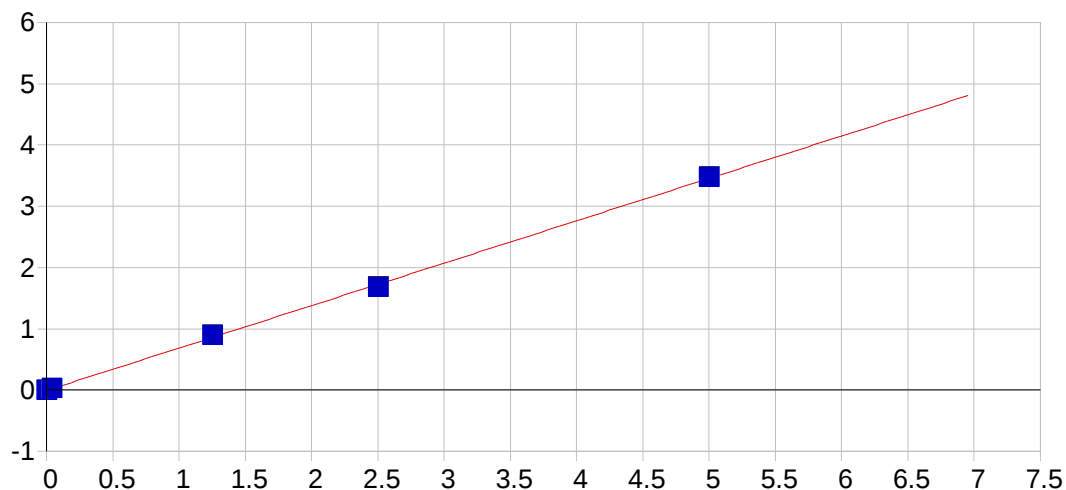


Mg 279.079 {121}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000564 Re-Slope: 1.000000
 A1 (Gain): 0.007659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999203 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.054030
 Predicted MQL: 0.180102

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3071	.307	15.4	.01823	.000	1
S0	.00000	-.00039	-.000	.000	.00056	.000	1
S3	12.500	13.456	.956	7.65	.10363	.000	1
S4	25.000	24.436	-.564	-2.26	.18772	.001	1
S5	50.000	49.301	-.699	-1.40	.37816	.005	1



Ni 231.604 {445}

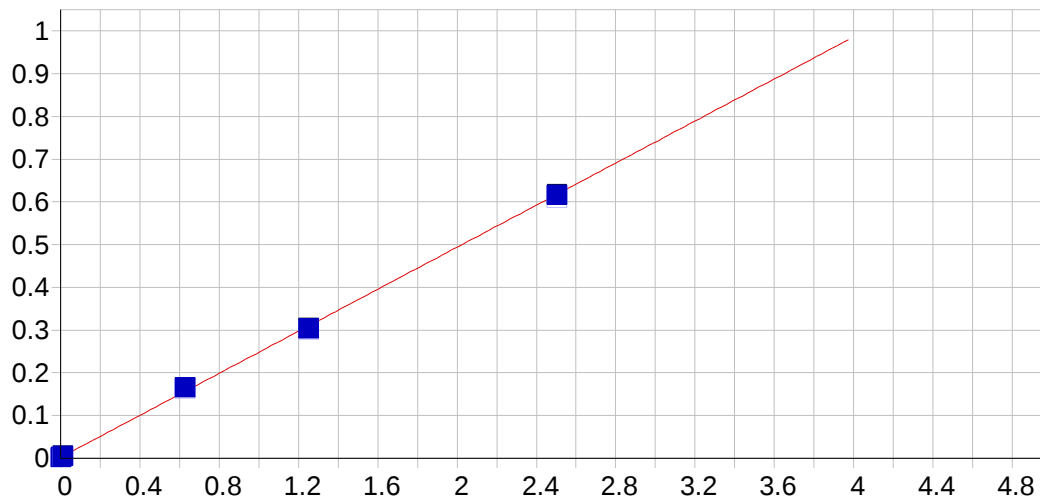
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006604 Re-Slope: 1.000000
 A1 (Gain): 0.692356 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768
 Std Error of Est: 0.000362
 Predicted MDL: 0.000430
 Predicted MQL: 0.001434

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00660	.000	1
S1	.04000	.03669	-.003	-8.26	.01882	.000	1
S3	1.2500	1.2989	.049	3.91	.89364	.000	1
S4	2.5000	2.4327	-.067	-2.69	1.6796	.004	1
S5	5.0000	5.0217	.022	.435	3.4740	.004	1



Ag 328.068 {103}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

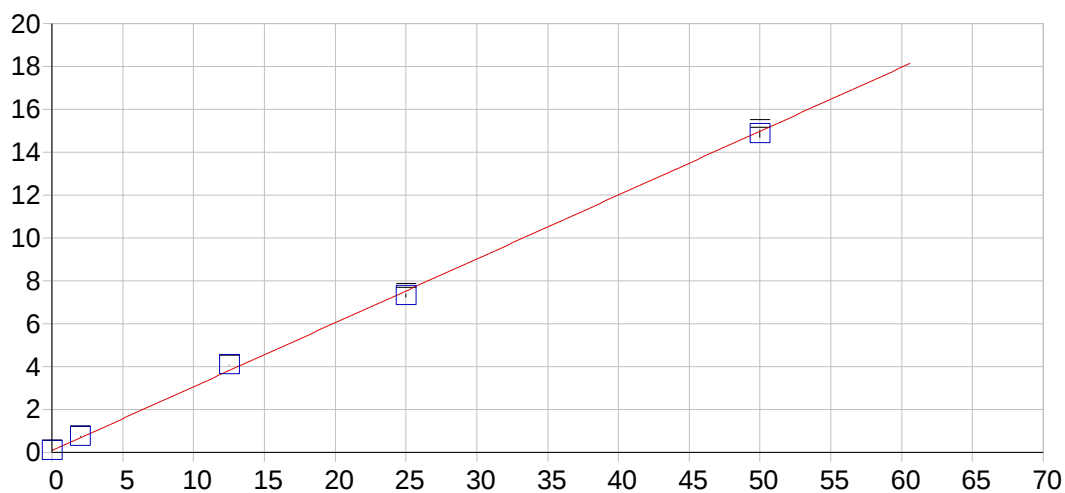
Weighting: 1/Conc

A0 (Offset): 0.002109
 A1 (Gain): 0.246034
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718
 Std Error of Est: 0.000049
 Predicted MDL: 0.000612
 Predicted MQL: 0.002038

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	.00211	.000	1
S1	.01000	.00906	-.001	-9.36	.00429	.000	1
S3	.62500	.65826	.033	5.32	.16232	.000	1
S4	1.2500	1.2239	-.026	-2.09	.29973	.001	1
S5	2.5000	2.4938	-.006	-.248	.60869	.002	1

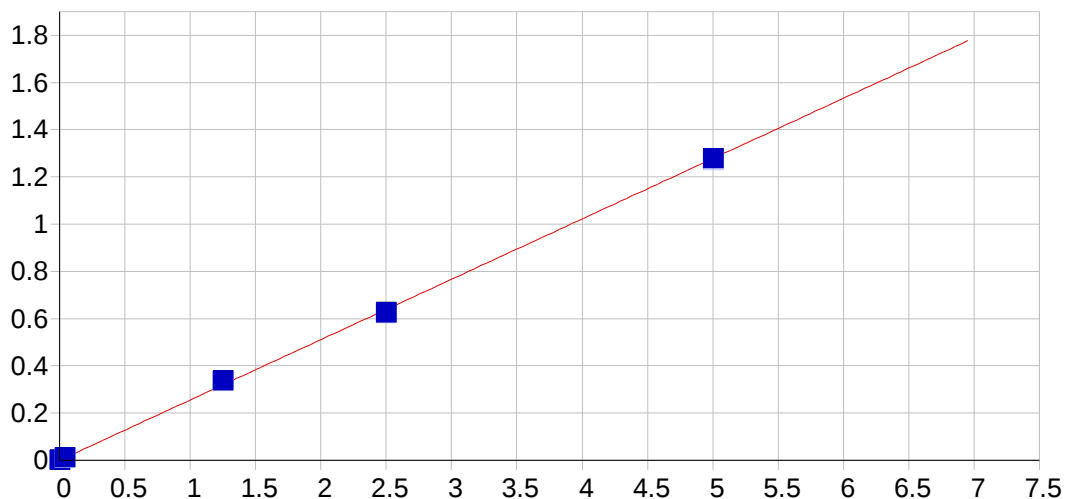


Na 589.592 { 57}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.083071 Re-Slope: 1.000000
 A1 (Gain): 0.297994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999397 Status: OK.
 Std Error of Est: 0.005650
 Predicted MDL: 0.011182
 Predicted MQL: 0.037274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1903	.190	9.52	.73577	.003	1
S0	.00000	-.00026	-.000	.000	.08299	.002	1
S3	12.500	13.409	.909	7.27	4.0788	.024	1
S4	25.000	24.276	-.724	-2.89	7.3173	.086	1
S5	50.000	49.625	-.375	-.751	14.871	.185	1



V 292.402 {115}

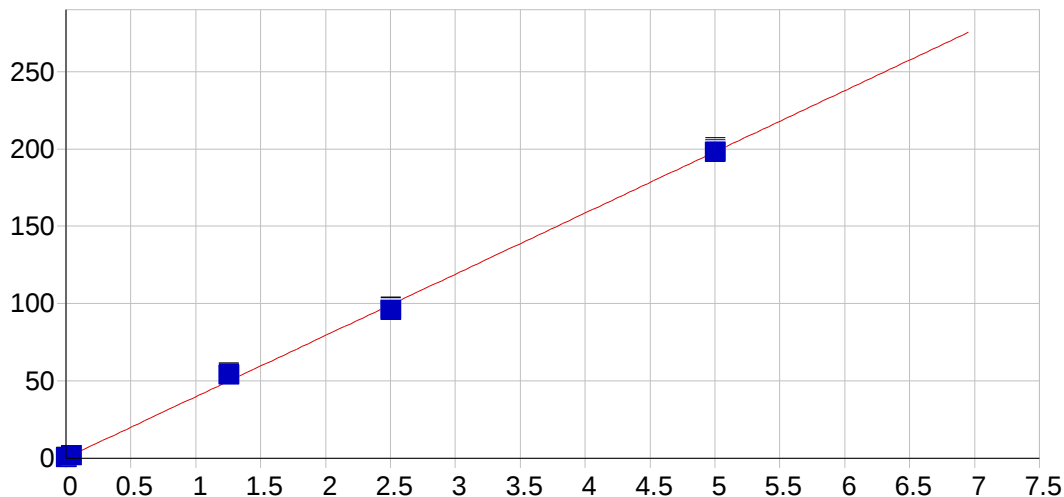
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000255 Re-Slope: 1.000000
 A1 (Gain): 0.255481 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709
 Std Error of Est: 0.000148
 Predicted MDL: 0.000488
 Predicted MQL: 0.001628

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.04000	.03649	-.004	-8.78	.00942	.000	1
S3	1.2500	1.3151	.065	5.21	.33415	.001	1
S4	2.5000	2.4420	-.058	-2.32	.61996	.001	1
S5	5.0000	4.9964	-.004	-.072	1.2684	.001	1



Zn 206.200 {163}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

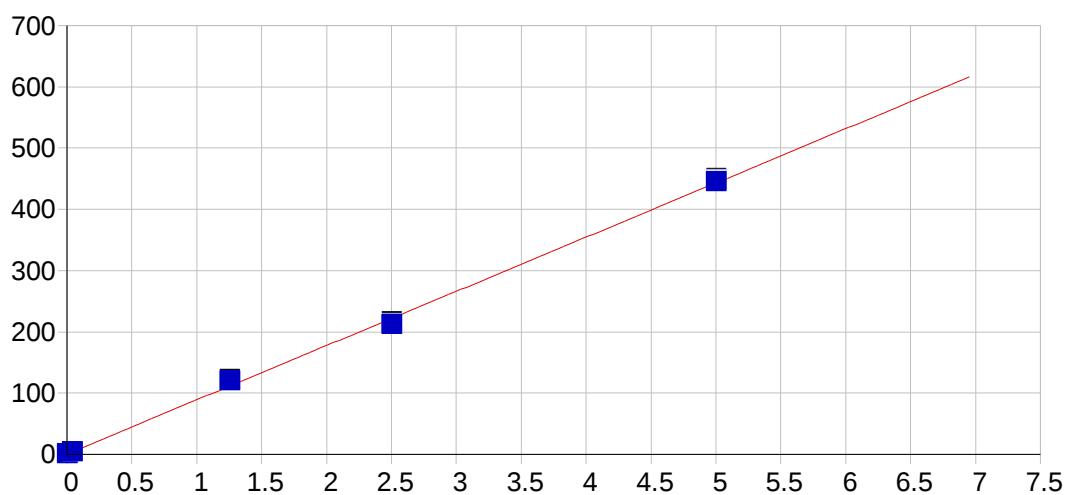
Weighting: 1/Conc

A0 (Offset): 0.327963
 A1 (Gain): 39.553450
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999330
 Std Error of Est: 0.035256
 Predicted MDL: 0.000400
 Predicted MQL: 0.001332

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	.32807	.009	1
S1	.04000	.03546	-.005	-11.4	1.7407	.035	1
S3	1.2500	1.3508	.101	8.06	54.056	.948	1
S4	2.5000	2.4095	-.091	-3.62	96.229	1.54	1
S5	5.0000	4.9943	-.006	-.115	199.06	1.50	1

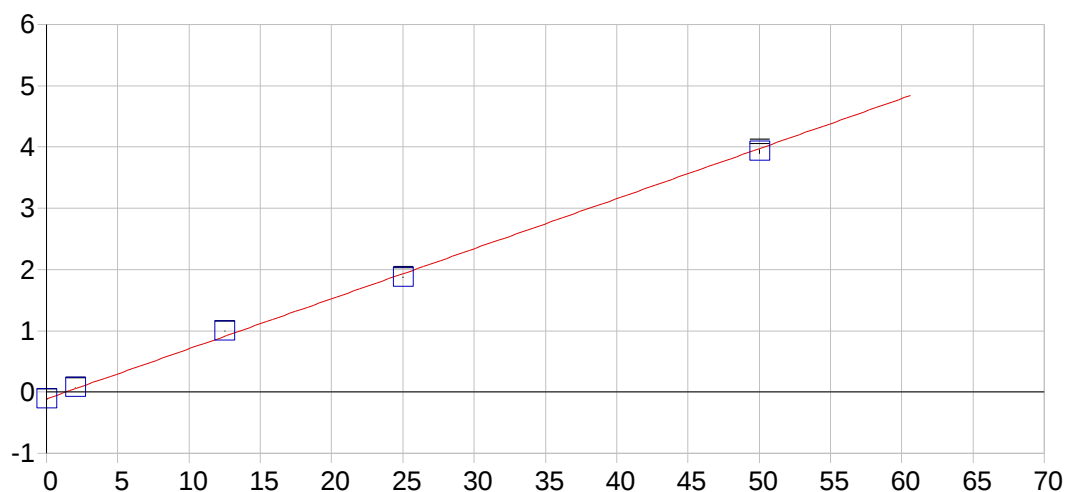


Zn 213.856 {458}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.617785 Re-Slope: 1.000000
 A1 (Gain): 88.495503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999271 Status: OK.
 Std Error of Est: 0.082312
 Predicted MDL: 0.000092
 Predicted MQL: 0.000307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.61799	.037	1
S1	.04000	.03624	-.004	-9.40	3.8482	.071	1
S3	1.2500	1.3448	.095	7.59	120.30	2.04	1
S4	2.5000	2.3846	-.115	-4.62	212.98	3.74	1
S5	5.0000	5.0243	.024	.487	447.93	2.76	1



K 766.490 {44}

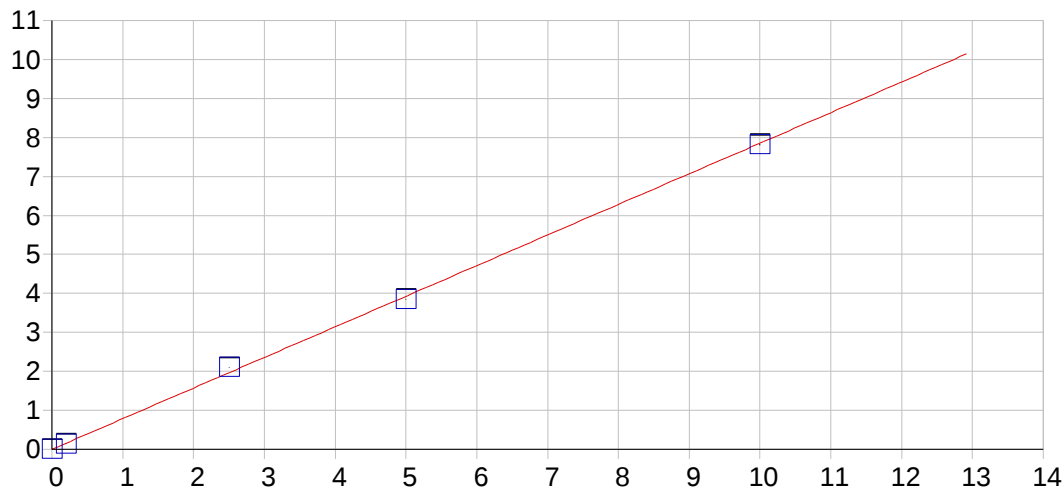
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.110954 Re-Slope: 1.000000
 A1 (Gain): 0.081675 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999220
 Std Error of Est: 0.001762
 Predicted MDL: 0.043214
 Predicted MQL: 0.144046

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2286	.229	11.4	.07107	.002	1
S0	.00000	-.00032	-.000	.000	-.11098	.002	1
S3	12.500	13.540	1.04	8.32	.99497	.004	1
S4	25.000	24.273	-.727	-2.91	1.8716	.011	1
S5	50.000	49.458	-.542	-1.08	3.9285	.038	1



Mo 202.030 {467}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

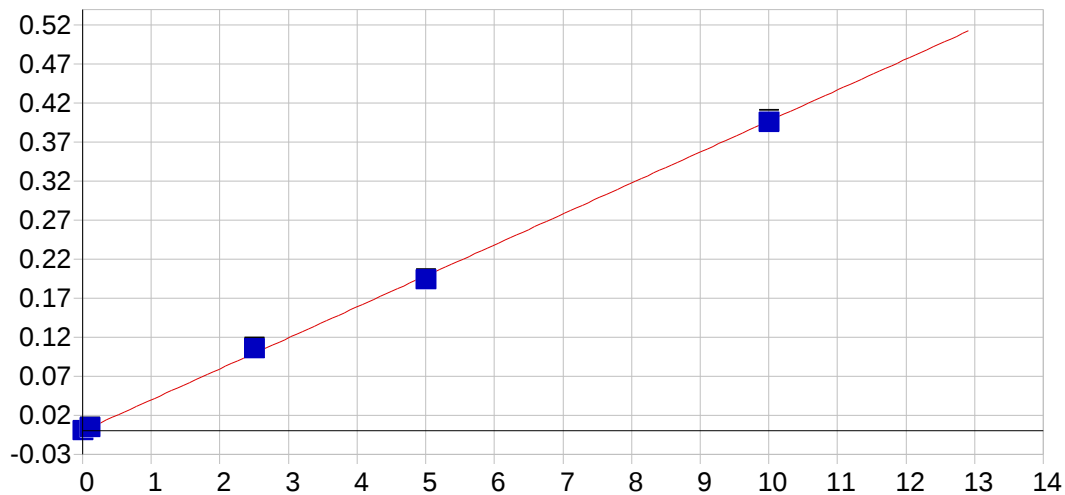
Weighting: 1/Conc

A0 (Offset): 0.000823
 A1 (Gain): 0.785209
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999543
 Std Error of Est: 0.001822
 Predicted MDL: 0.000300
 Predicted MQL: 0.000999

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	.00083	.000	1
S1	.20000	.17661	-.023	-11.7	.13950	.002	1
S3	2.5000	2.6680	.168	6.72	2.0958	.005	1
S4	5.0000	4.9018	-.098	-1.96	3.8497	.009	1
S5	10.000	9.9536	-.046	-.464	7.8165	.017	1

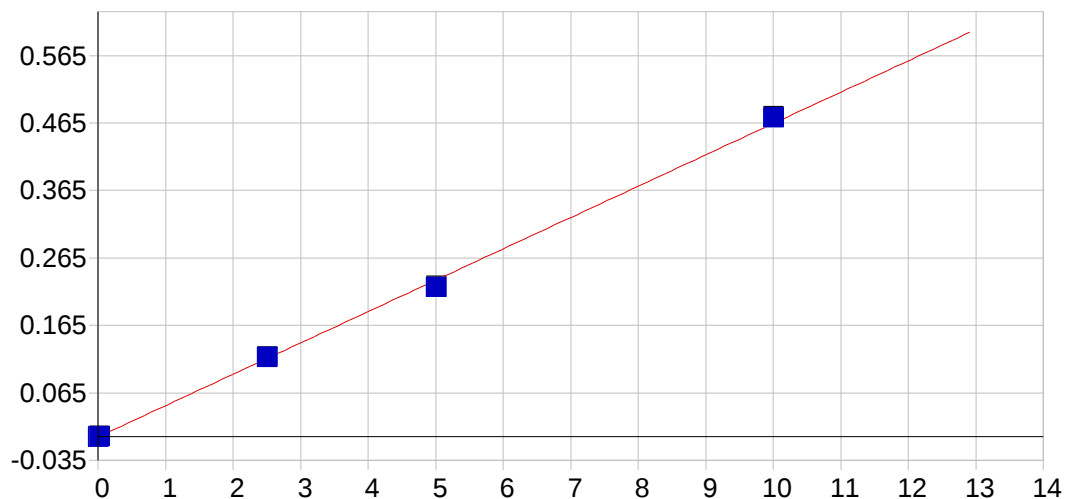


B 249.678 {135}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.039694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.010003
 Predicted MQL: 0.033343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.10000	.09667	-.003	-3.33	.00403	.000	1
S3	2.5000	2.6581	.158	6.32	.10549	.001	1
S4	5.0000	4.8757	-.124	-2.49	.19328	.001	1
S5	10.000	9.9695	-.030	-.305	.39501	.003	1



S 182.034 {485}

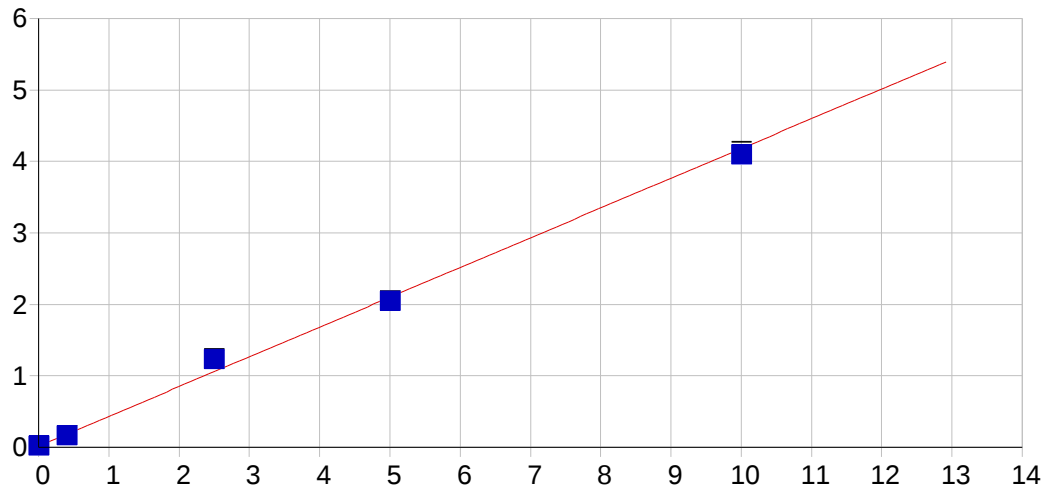
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000410 Re-Slope: 1.000000
 A1 (Gain): 0.046457 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597
 Std Error of Est: 0.000032
 Predicted MDL: 0.003178
 Predicted MQL: 0.010592

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.02000	.01810	-.002	-9.52	.00040	.000	1
S3	2.5000	2.5350	.035	1.40	.11723	.000	1
S4	5.0000	4.7779	-.222	-4.44	.22130	.001	1
S5	10.000	10.189	.189	1.89	.47242	.001	1



Si 288.158 {117}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

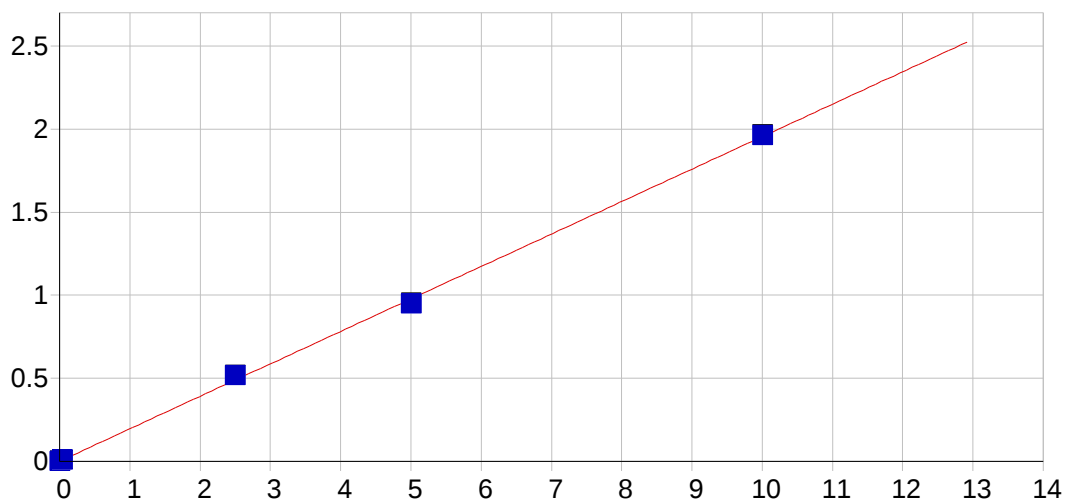
Weighting: 1/Conc

A0 (Offset): 0.016666
 A1 (Gain): 0.416411
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997700
 Std Error of Est: 0.003086
 Predicted MDL: 0.002865
 Predicted MQL: 0.009551

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	.01667	.000	1
S1	.40000	.34762	-.052	-13.1	.16128	.001	1
S3	2.5000	2.9093	.409	16.4	1.2276	.008	1
S4	5.0000	4.8604	-.140	-2.79	2.0395	.015	1
S5	10.000	9.7826	-.217	-2.17	4.0880	.045	1

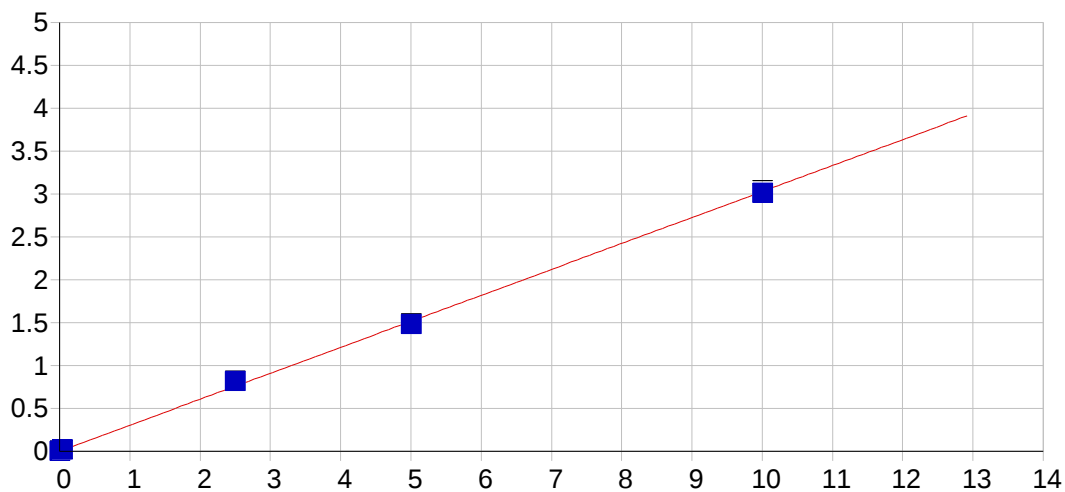


Sn 189.989 {477}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001079 Re-Slope: 1.000000
 A1 (Gain): 0.195316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999644 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.000680
 Predicted MQL: 0.002266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00108	.000	1
S1	.04000	.03563	-.004	-10.9	.00804	.000	1
S3	2.5000	2.6316	.132	5.26	.51515	.001	1
S4	5.0000	4.8417	-.158	-3.17	.94690	.003	1
S5	10.000	10.031	.031	.311	1.9607	.004	1



Ti 336.121 {100}

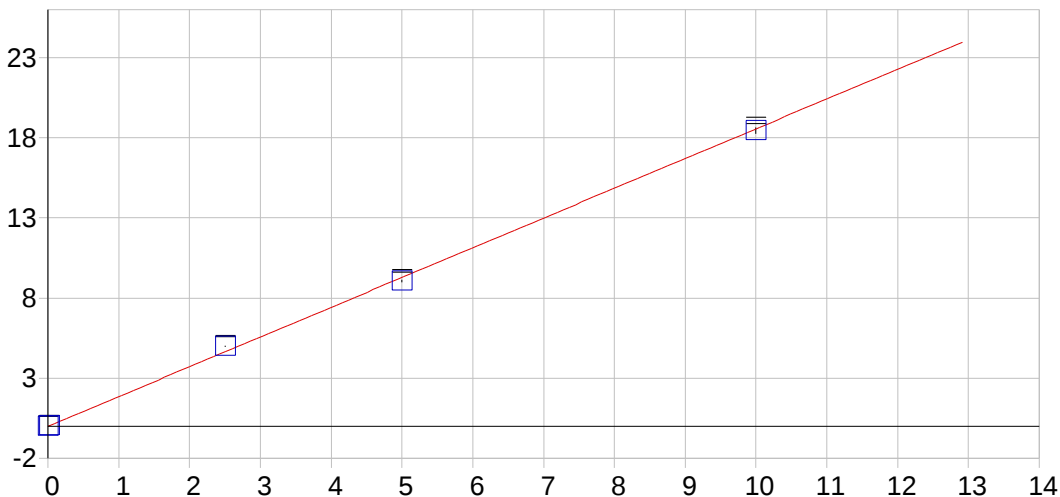
Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001342 Re-Slope: 1.000000
 A1 (Gain): 0.302758 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999515
 Std Error of Est: 0.000322
 Predicted MDL: 0.002401
 Predicted MQL: 0.008005

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00134	.001	1
S1	.04000	.04107	.001	2.69	.01377	.001	1
S3	2.5000	2.6840	.184	7.36	.81385	.002	1
S4	5.0000	4.8757	-.124	-2.49	1.4773	.007	1
S5	10.000	9.9392	-.061	-.608	3.0101	.027	1



Li 670.784 { 50}

Date of Fit: 1/18/2019 18:39:39

Type of Fit: Linear

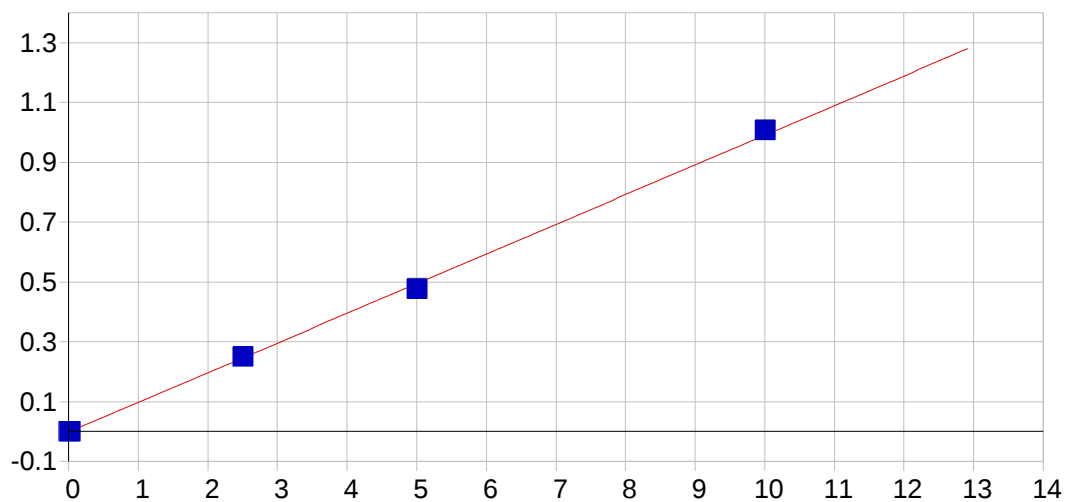
Weighting: 1/Conc

A0 (Offset): -0.005039
 A1 (Gain): 1.857198
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999489
 Std Error of Est: 0.001434
 Predicted MDL: 0.001901
 Predicted MQL: 0.006336

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	-.00504	.003	1
S1	.02000	.01803	-.002	-9.84	.02845	.002	1
S3	2.5000	2.6897	.190	7.59	4.9902	.025	1
S4	5.0000	4.8805	-.120	-2.39	9.0590	.079	1
S5	10.000	9.9318	-.068	-.682	18.440	.197	1



P 177.495 {490}

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002225 Re-Slope: 1.000000
 A1 (Gain): 0.099254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001454
 Predicted MQL: 0.004846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00222	.000	1
S1	.02000	.01644	-.004	-17.8	-.00060	.000	1
S3	2.5000	2.5371	.037	1.48	.24923	.000	1
S4	5.0000	4.8157	-.184	-3.69	.47503	.001	1
S5	10.000	10.151	.151	1.51	1.0038	.002	1



Y 224.306 {450}*

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

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



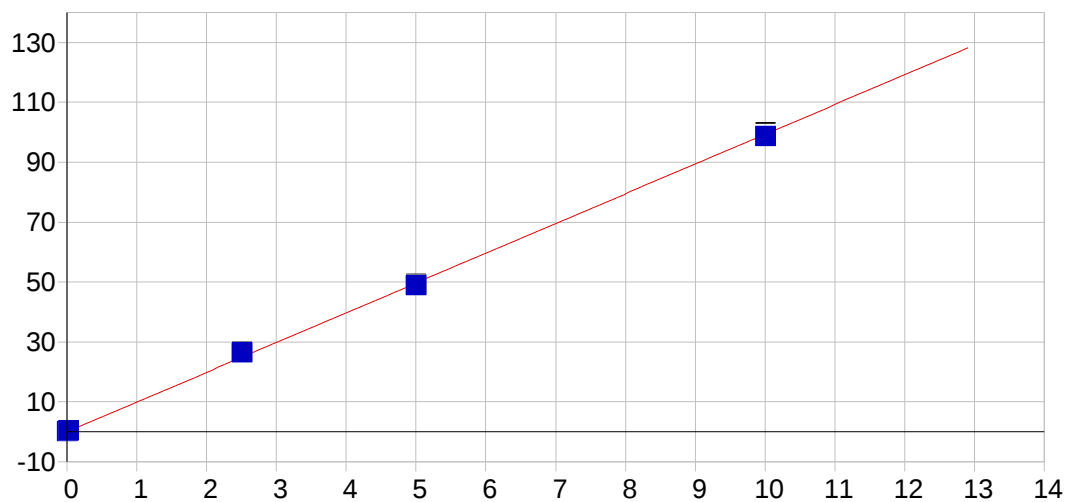




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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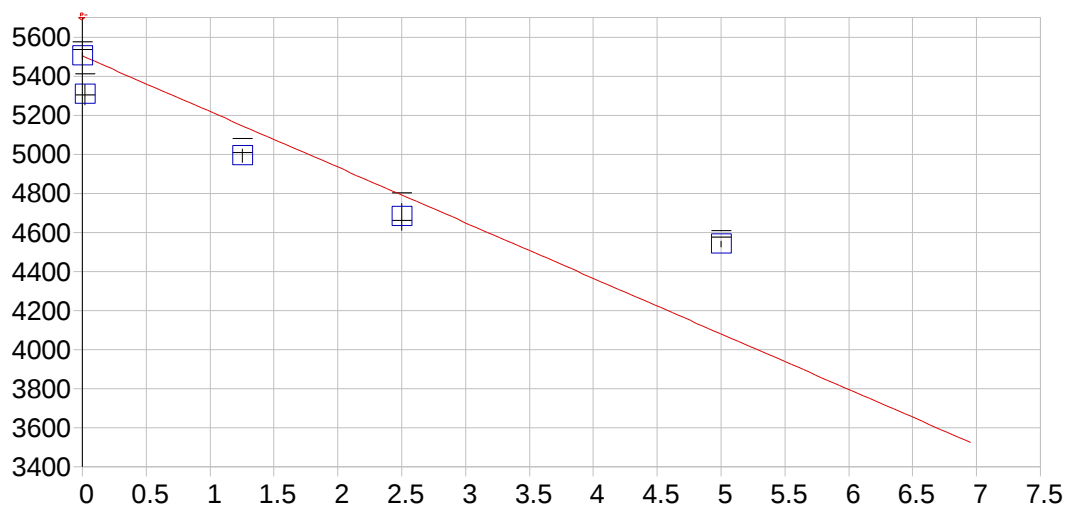


Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003072 Re-Slope: 1.000000
 A1 (Gain): 9.934297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655 Status: OK.
 Std Error of Est: 0.006313
 Predicted MDL: 0.000135

Predicted MQL: 0.000449

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00306	.002	1
S1	.02000	.01816	-.002	-9.21	.17840	.004	1
S3	2.5000	2.6586	.159	6.34	26.436	.149	1
S4	5.0000	4.9186	-.081	-1.63	48.914	.316	1
S5	10.000	9.9246	-.075	-.754	98.701	1.13	1

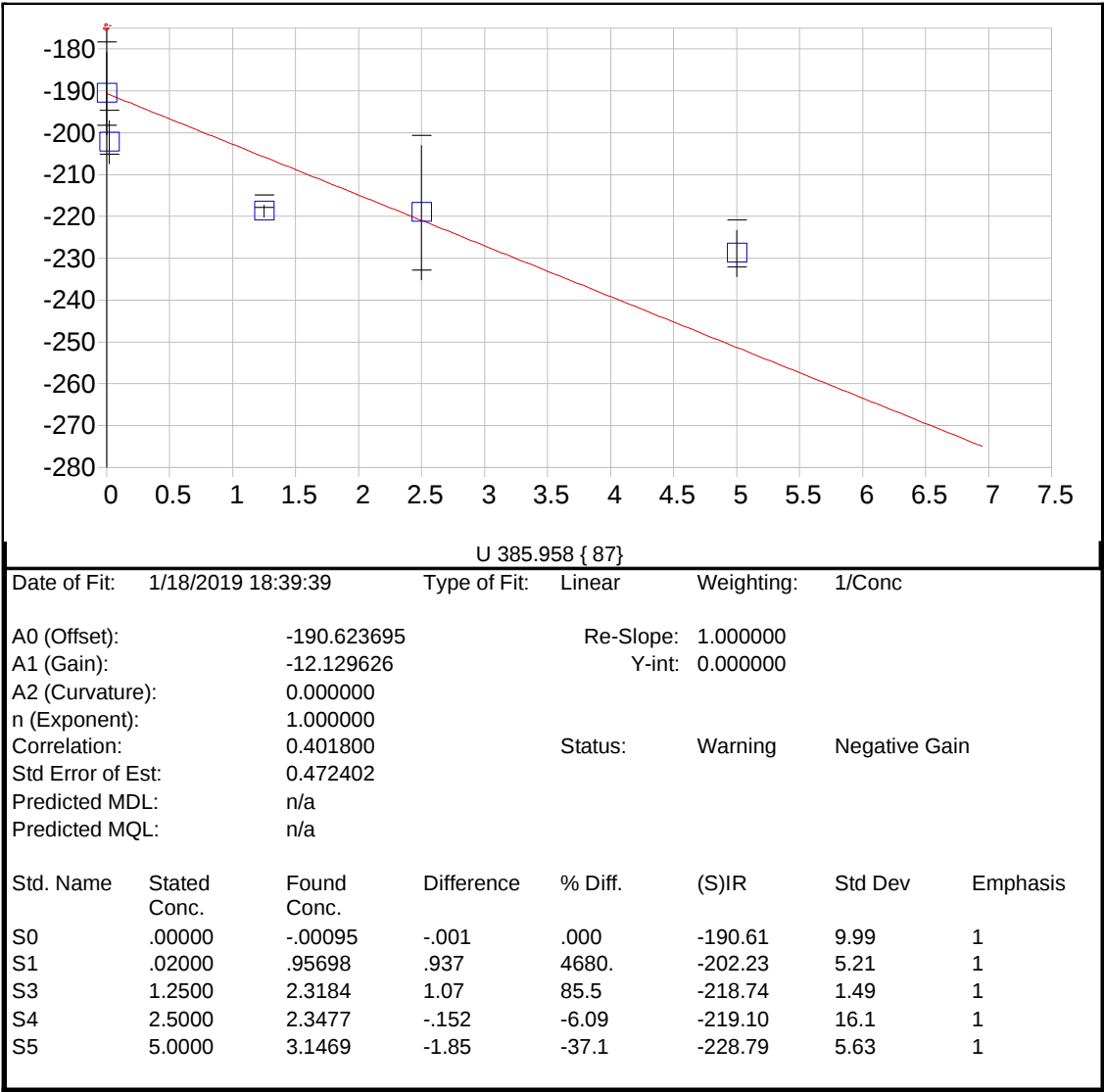


U 367.007 { 92 }

Date of Fit: 1/18/2019 18:39:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5502.691133 Re-Slope: 1.000000
A1 (Gain): -284.440491 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.521338 Status: Warning Negative Gain
Std Error of Est: 7.956238
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	5502.9	19.6	1
S1	.02000	.69307	.673	3370.	5305.6	53.5	1
S3	1.2500	1.7983	.548	43.9	4991.2	36.0	1
S4	2.5000	2.8917	.392	15.7	4680.2	70.6	1
S5	5.0000	3.3869	-1.61	-32.3	4539.3	16.6	1



Sample Name: S0 Acquired: 1/18/2019 11:23:19 Type: Cal
Method: P4-ICP2(v2754) 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	-.00074	.00069	.00773	-.00019	.00061	.00018	.14222	-.00008
Stddev	.00008	.00005	.00024	.00004	.00036	.00008	.00126	.00003
%RSD	10.211	7.3504	3.1660	21.632	59.632	44.064	.88497	44.284

#1	-.00072	.00064	.00771	-.00015	.00082	.00009	.14360	-.00007
#2	-.00068	.00069	.00750	-.00019	.00081	.00020	.14114	-.00012
#3	-.00083	.00075	.00799	-.00023	.00019	.00023	.14193	-.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	-.00349	.00326	.00015	.00060	.00236	.00512	.00039	.00056
Stddev	.00017	.00124	.00006	.00014	.00028	.01408	.00005	.00035
%RSD	4.7940	37.961	39.954	23.507	11.830	274.95	12.382	63.282

#1	-.00366	.00234	.00009	.00074	.00247	-.01100	.00044	.00021
#2	-.00347	.00467	.00017	.00046	.00204	.01502	.00035	.00055
#3	-.00333	.00278	.00020	.00060	.00256	.01135	.00037	.00092

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	-.00660	.00211	.08299	.00026	.61799	-.11098	.00083	.00021
Stddev	.00017	.00011	.00225	.00009	.03688	.00153	.00019	.00047
%RSD	2.5769	5.3179	2.7146	34.864	5.9673	1.3792	23.324	221.07

#1	-.00680	.00207	.08551	.00029	.63808	-.11012	.00085	-.00033
#2	-.00654	.00224	.08117	.00016	.64047	-.11007	.00102	.00051
#3	-.00648	.00202	.08230	.00033	.57543	-.11275	.00063	.00045

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	-.00041	.01667	.00108	.00134	-.00504	-.0022	-.00306	5502.9
Stddev	.00005	.00036	.00013	.00096	.00261	.0000	.00180	19.6
%RSD	13.347	2.1780	11.882	71.504	51.851	1.048	58.747	.35560

#1	-.00047	.01700	.00123	.00192	-.00226	-.0022	-.00472	5487.4
#2	-.00036	.01673	.00101	.00023	-.00744	-.0023	-.00332	5496.4
#3	-.00040	.01628	.00100	.00187	-.00541	-.0022	-.00115	5524.9

Sample Name: S0 Acquired: 1/18/2019 11:23:19 Type: Cal
 Method: P4-ICP2(v2754) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-190.61
Stddev	9.99
%RSD	5.2422

#1	-200.36
#2	-191.09
#3	-180.39

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.3	40518.	3586.3	90.294	3676.6
Stddev	13.6	32.	25.9	1.853	10.1
%RSD	.41922	.07928	.72266	2.0520	.27407

#1	3245.7	40490.	3572.7	90.892	3669.4
#2	3265.6	40553.	3569.9	88.217	3688.1
#3	3239.6	40510.	3616.1	91.775	3672.3

Sample Name: S1 Acquired: 1/18/2019 11:27:45 Type: Cal
Method: P4-ICP2(v2754) 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	.00018	.00641	.01149	.00097	.00730	.00092	.64665	.00523
Stddev	.00018	.00011	.00024	.00009	.00010	.00008	.00937	.00006
%RSD	100.32	1.7909	2.0937	9.0432	1.3604	9.1079	1.4490	1.1216

#1	.00001	.00630	.01122	.00107	.00727	.00083	.65723	.00528
#2	.00016	.00653	.01161	.00090	.00741	.00095	.63938	.00525
#3	.00038	.00638	.01165	.00095	.00722	.00098	.64335	.00517

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	.01178	.00204	.03027	.01598	.13787	.02571	.01882	.00429
Stddev	.00033	.00005	.00025	.00017	.00498	.00010	.00019	.00006
%RSD	2.7860	2.5425	.82608	1.0366	3.6098	.39108	.98870	1.4894

#1	.01140	.00210	.03001	.01616	.13853	.02580	.01882	.00436
#2	.01190	.00200	.03030	.01595	.14248	.02560	.01863	.00424
#3	.01202	.00203	.03051	.01584	.13259	.02574	.01900	.00427

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	.00942	3.8482	.13950	.00403	.00040	.16128	.00804	.01377
Stddev	.00007	.0707	.00184	.00017	.00004	.00142	.00004	.00128
%RSD	.78438	1.8365	1.3178	4.3093	11.184	.87915	.47733	9.2724

#1	.00945	3.8203	.13746	.00395	.00043	.16045	.00800	.01308
#2	.00933	3.9286	.13999	.00423	.00035	.16047	.00808	.01524
#3	.00947	3.7958	.14104	.00391	.00043	.16292	.00803	.01298

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02845	-.0006	.17840	5305.6	-202.23
Stddev	.00208	.0001	.00377	53.5	5.21
%RSD	7.3010	14.94	2.1159	1.0075	2.5776

#1	.03036	-.0007	.18265	5246.3	-208.18
#2	.02874	-.0006	.17713	5350.1	-198.48
#3	.02624	-.0005	.17543	5320.3	-200.03

Sample Name: S1 Acquired: 1/18/2019 11:27:45 Type: Cal
Method: P4-ICP2(v2754) 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	3232.1	40161.	3606.8	89.839	3653.6
Stddev	4.4	19.	14.0	1.601	8.5
%RSD	.13615	.04694	.38717	1.7820	.23308
#1	3231.7	40148.	3616.0	89.692	3649.2
#2	3227.9	40151.	3613.6	88.317	3648.2
#3	3236.7	40182.	3590.7	91.508	3663.4

Sample Name: S2 Acquired: 1/18/2019 11:32:13 Type: Cal
Method: P4-ICP2(v2754) 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	.11309	.01823	.73577	.07107
Stddev	.00056	.00040	.00347	.00230
%RSD	.49480	2.2005	.47127	3.2336

#1	.11299	.01801	.73969	.06875
#2	.11369	.01870	.73311	.07334
#3	.11259	.01799	.73451	.07111

Int. Std.	Y_3710
Units	Cts/S
Avg	3643.4
Stddev	13.1
%RSD	.36019

#1	3643.5
#2	3656.5
#3	3630.2

Sample Name: S3 Acquired: 1/18/2019 11:36:28 Type: Cal
Method: P4-ICP2(v2754) 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	.14758	.40994	.85255	.18465	.39520	.04127	28.886	.13735
Stddev	.00065	.00064	.00113	.00019	.00161	.00005	.169	.00048
%RSD	.43917	.15530	.13291	.10432	.40829	.13063	.58480	.35205
#1	.14829	.41039	.85380	.18452	.39699	.04132	28.866	.13791
#2	.14702	.40921	.85157	.18455	.39475	.04128	29.064	.13710
#3	.14744	.41022	.85229	.18487	.39386	.04122	28.728	.13705
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	4.0450	.68059	.12254	1.4039	.49013	3.8609	1.8188	.10363
Stddev	.0044	.00236	.00035	.0022	.00094	.0476	.0029	.00042
%RSD	.10919	.34632	.28263	.15351	.19086	1.2334	.16166	.40076
#1	4.0492	.68002	.12247	1.4064	.49109	3.9158	1.8219	.10317
#2	4.0453	.68317	.12292	1.4026	.48922	3.8308	1.8160	.10398
#3	4.0404	.67856	.12224	1.4028	.49009	3.8361	1.8185	.10373
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	.89364	.16232	4.0788	.33415	120.30	.99497	2.0958	.10549
Stddev	.00047	.00043	.0244	.00054	2.04	.00369	.0051	.00124
%RSD	.05221	.26672	.59868	.16031	1.7000	.37104	.24385	1.1716
#1	.89405	.16279	4.0799	.33476	122.41	.99248	2.1016	.10421
#2	.89313	.16194	4.1027	.33374	120.16	.99921	2.0939	.10667
#3	.89374	.16223	4.0539	.33394	118.32	.99321	2.0919	.10559
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	.11723	1.2276	.51515	.81385	4.9902	.2492	26.436	4991.2
Stddev	.00023	.0085	.00071	.00164	.0255	.0003	.149	36.0
%RSD	.19249	.69030	.13693	.20151	.51096	.1046	.56290	.72222
#1	.11705	1.2193	.51448	.81388	4.9881	.2491	26.443	4950.8
#2	.11748	1.2362	.51589	.81220	5.0167	.2490	26.581	5020.2
#3	.11716	1.2272	.51508	.81548	4.9659	.2495	26.283	5002.5

Sample Name: S3 Acquired: 1/18/2019 11:36:28 Type: Cal
 Method: P4-ICP2(v2754) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-218.74
Stddev	1.49
%RSD	.68144

#1	-219.19
#2	-217.08
#3	-219.96

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.5	38747.	3600.2	87.746	3399.9
Stddev	14.0	84.	15.2	1.656	11.3
%RSD	.44310	.21594	.42163	1.8879	.33116

#1	3135.7	38652.	3599.0	86.064	3389.4
#2	3149.3	38812.	3585.7	87.797	3398.3
#3	3163.6	38776.	3615.9	89.376	3411.8

Sample Name: S4 Acquired: 1/18/2019 11:40:30 Type: Cal
Method: P4-ICP2(v2754) 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	.27664	.76290	1.5899	.34377	.73628	.07771	52.465	.25404
Stddev	.00127	.00318	.0022	.00125	.00188	.00076	.464	.00046
%RSD	.45837	.41643	.14130	.36265	.25501	.98094	.88380	.17930

#1	.27675	.76301	1.5888	.34347	.73621	.07718	52.664	.25378
#2	.27785	.76602	1.5925	.34514	.73818	.07737	52.796	.25378
#3	.27532	.75967	1.5885	.34271	.73443	.07859	51.935	.25457

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	7.6332	1.2235	.22847	2.6404	.89380	7.0847	3.3407	.18772
Stddev	.0140	.0059	.00120	.0070	.00186	.1146	.0041	.00072
%RSD	.18292	.48153	.52684	.26499	.20819	1.6180	.12304	.38224

#1	7.6227	1.2170	.22764	2.6340	.89173	7.1735	3.3439	.18736
#2	7.6491	1.2251	.22791	2.6479	.89534	6.9553	3.3361	.18726
#3	7.6280	1.2285	.22985	2.6393	.89432	7.1253	3.3421	.18855

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	1.6796	.29973	7.3173	.61996	212.98	1.8716	3.8497	.19328
Stddev	.0042	.00107	.0860	.00139	3.74	.0108	.0089	.00072
%RSD	.25135	.35806	1.1752	.22350	1.7538	.57903	.23029	.37273

#1	1.6778	.29898	7.3639	.62094	217.29	1.8796	3.8432	.19252
#2	1.6844	.29926	7.3699	.61837	211.04	1.8759	3.8598	.19339
#3	1.6765	.30096	7.2180	.62057	210.62	1.8592	3.8462	.19395

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	.22130	2.0395	.94690	1.4773	9.0590	.4750	48.914	4680.2
Stddev	.00116	.0146	.00318	.0069	.0791	.0011	.316	70.6
%RSD	.52240	.71378	.33594	.46711	.87307	.2339	.64654	1.5093

#1	.22147	2.0376	.94327	1.4707	9.0952	.4749	48.925	4696.0
#2	.22236	2.0549	.94918	1.4845	9.1135	.4762	49.225	4741.5
#3	.22007	2.0260	.94827	1.4768	8.9683	.4740	48.593	4602.9

Sample Name: S4 Acquired: 1/18/2019 11:40:30 Type: Cal
Method: P4-ICP2(v2754) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-219.10
Stddev	16.13
%RSD	7.3596

#1	-200.75
#2	-231.01
#3	-225.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.6	37665.	3616.4	87.149	3240.6
Stddev	3.8	170.	24.6	1.569	1.6
%RSD	.12487	.45221	.68047	1.8000	.04980

#1	3070.7	37683.	3604.9	85.338	3238.9
#2	3072.2	37826.	3599.6	88.008	3240.6
#3	3078.0	37487.	3644.6	88.100	3242.1

Sample Name: S5 Acquired: 1/18/2019 11:44:31 Type: Cal
Method: P4-ICP2(v2754) 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	.56862	1.5512	3.2821	.69964	1.5005	.15918	104.67	.51798
Stddev	.00144	.0024	.0014	.00146	.0061	.00089	1.23	.00064
%RSD	.25269	.15535	.04348	.20916	.40822	.55670	1.1726	.12352
#1	.56963	1.5518	3.2807	.70116	1.5029	.15826	103.28	.51754
#2	.56698	1.5532	3.2836	.69951	1.4936	.16003	105.14	.51770
#3	.56926	1.5485	3.2820	.69824	1.5051	.15924	105.60	.51872
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	15.842	2.4654	.45985	5.4958	1.7946	15.059	6.7166	.37816
Stddev	.016	.0154	.00061	.0064	.0043	.047	.0093	.00462
%RSD	.10034	.62243	.13336	.11722	.24234	.31120	.13901	1.2205
#1	15.855	2.4505	.45928	5.5007	1.7993	15.019	6.7062	.37369
#2	15.847	2.4645	.45977	5.4982	1.7907	15.047	6.7191	.37788
#3	15.824	2.4811	.46050	5.4885	1.7939	15.110	6.7243	.38291
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	3.4740	.60869	14.871	1.2684	447.93	3.9285	7.8165	.39501
Stddev	.0037	.00209	.185	.0008	2.76	.0379	.0171	.00308
%RSD	.10755	.34385	1.2440	.06099	.61591	.96536	.21919	.77859
#1	3.4741	.60678	14.671	1.2675	445.04	3.8864	7.8332	.39330
#2	3.4777	.60837	14.904	1.2686	450.54	3.9394	7.7989	.39318
#3	3.4702	.61093	15.037	1.2691	448.19	3.9598	7.8174	.39856
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	.47242	4.0880	1.9607	3.0101	18.440	1.004	98.701	4539.3
Stddev	.00106	.0445	.0042	.0265	.197	.002	1.127	16.6
%RSD	.22385	1.0897	.21177	.88075	1.0689	.2045	1.1416	.36548
#1	.47222	4.0437	1.9621	3.0094	18.233	1.002	97.487	4526.7
#2	.47356	4.0875	1.9639	2.9840	18.461	1.006	99.713	4533.2
#3	.47148	4.1328	1.9560	3.0370	18.626	1.003	98.902	4558.1

Sample Name: S5 Acquired: 1/18/2019 11:44:31 Type: Cal
 Method: P4-ICP2(v2754) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-228.79
Stddev	5.63
%RSD	2.4628

#1	-230.77
#2	-233.18
#3	-222.44

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.9	36774.	3567.2	81.891	3076.2
Stddev	7.8	106.	31.4	.562	.8
%RSD	.25842	.28771	.87980	.68591	.02648

#1	3006.5	36873.	3603.2	82.486	3075.4
#2	3018.8	36662.	3552.4	81.369	3077.0
#3	3004.3	36786.	3545.9	81.817	3076.3

Sample Name: ICV01 Acquired: 1/18/2019 11:48:46 Type: Unk
Method: P4-ICP2(v2754) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96692	.98415	.96168	F .97049	.95312	2.4561	.49222	.47930
Stddev	.00288	.00355	.00446	.00166	.00327	.0256	.00381	.00216
%RSD	.29817	.36042	.46429	.17126	.34294	1.0402	.77411	.44982
#1	.96877	.98274	.96607	.97211	.95641	2.4296	.48903	.48022
#2	.96839	.98819	.95714	.96879	.95308	2.4806	.49119	.47683
#3	.96360	.98153	.96182	.97055	.94987	2.4579	.49644	.48084
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47207	9.9583	.49506	.48202	.50293	4.8369	.49964	F 5.7331
Stddev	.00071	.0136	.00197	.00045	.00185	.0829	.00041	.0628
%RSD	.15113	.13643	.39874	.09412	.36805	1.7143	.08254	1.0954
#1	.47274	9.9521	.49493	.48250	.50408	4.9315	.49990	5.6901
#2	.47214	9.9488	.49316	.48195	.50079	4.7767	.49916	5.7040
#3	.47132	9.9738	.49710	.48160	.50391	4.8025	.49986	5.8052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48407	.47603	9.6932	.48848	1.0587	9.8281	2.4528	2.4784
Stddev	.00060	.00200	.0868	.00169	.0165	.0731	.0017	.0033
%RSD	.12485	.42055	.89537	.34559	1.5634	.74413	.06808	.13487
#1	.48472	.47480	9.6085	.48891	1.0772	9.7914	2.4544	2.4791
#2	.48397	.47496	9.6892	.48662	1.0453	9.7805	2.4511	2.4814
#3	.48353	.47834	9.7820	.48991	1.0535	9.9123	2.4527	2.4748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4670	2.4152	2.4236	2.5081	F 2.6830	2.485	2.4731	F 2.3700
Stddev	.0050	.0051	.0007	.0149	.0160	.001	.0158	.2127
%RSD	.20108	.21243	.02707	.59196	.59747	.0572	.63803	8.9731
#1	2.4664	2.4103	2.4242	2.4910	2.6668	2.485	2.4550	2.1408
#2	2.4624	2.4149	2.4229	2.5170	2.6832	2.484	2.4803	2.4082
#3	2.4722	2.4205	2.4238	2.5163	2.6989	2.486	2.4841	2.5609

Sample Name: ICV01 Acquired: 1/18/2019 11:48:46 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .67696
Stddev	1.4206
%RSD	209.85

#1	-.78587
#2	2.0512
#3	.76560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.7	38743.	3666.6	89.237	3467.8
Stddev	7.4	103.	10.3	1.382	2.9
%RSD	.23433	.26561	.28026	1.5482	.08326

#1	3173.9	38860.	3677.3	87.788	3465.8
#2	3185.1	38698.	3665.6	90.539	3471.1
#3	3170.9	38670.	3656.8	89.385	3466.5

Sample Name: LLICV01 Acquired: 1/18/2019 11:52:51 Type: Unk
Method: P4-ICP2(v2754) 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	.01859	.04132	.01212	.01827	.05037	.08393	.09645	.00571
Stddev	.00248	.00166	.00072	.00333	.00094	.00632	.00107	.00007
%RSD	13.358	4.0115	5.9330	18.250	1.8690	7.5249	1.1105	1.1628

#1	.01945	.04283	.01227	.01643	.05089	.09116	.09535	.00573
#2	.01579	.04160	.01275	.01626	.04928	.08113	.09649	.00577
#3	.02053	.03955	.01134	.02212	.05093	.07949	.09749	.00564

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00532	1.9140	.01026	.02999	.02015	.09895	.02076	1.9521
Stddev	.00005	.0111	.00031	.00022	.00037	.00822	.00020	.0457
%RSD	.94326	.57873	2.9776	.72588	1.8303	8.3044	.96847	2.3427

#1	.00529	1.9235	.01004	.03001	.02049	.09679	.02060	1.9182
#2	.00530	1.9018	.01061	.03019	.01976	.10803	.02070	2.0041
#3	.00538	1.9166	.01013	.02976	.02021	.09203	.02099	1.9339

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03963	.01096	1.8529	.04009	.04068	1.9716	.19138	.09746
Stddev	.00020	.00022	.0092	.00025	.00099	.0599	.00056	.00921
%RSD	.49288	2.0458	.49430	.61556	2.4438	3.0390	.29220	9.4479

#1	.03946	.01121	1.8452	.03998	.04111	1.9125	.19082	.10735
#2	.03957	.01079	1.8630	.03992	.03954	2.0323	.19138	.09593
#3	.03984	.01088	1.8504	.04037	.04139	1.9700	.19194	.08912

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01807	.38015	.03949	.04326	.01865	F .0154	.01844	F 2.3867
Stddev	.00210	.00268	.00023	.00235	.00024	.0008	.00007	.1356
%RSD	11.599	.70528	.58445	5.4315	1.3036	5.262	.39133	5.6811

#1	.01720	.38184	.03972	.04060	.01880	.0154	.01851	2.5383
#2	.02046	.37706	.03926	.04505	.01837	.0161	.01837	2.2772
#3	.01655	.38155	.03947	.04413	.01879	.0145	.01844	2.3445

Sample Name: LLICV01 Acquired: 1/18/2019 11:52:51 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .49649
Stddev .39316
%RSD 79.187

#1 .86029
#2 .54977
#3 .07941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.6	39253.	3691.2	89.017	3632.7
Stddev	9.9	65.	3.1	1.757	17.9
%RSD	.30780	.16442	.08316	1.9738	.49396

#1	3220.5	39181.	3693.1	88.200	3612.6
#2	3218.1	39273.	3692.9	91.033	3638.6
#3	3202.3	39305.	3687.7	87.817	3647.0

Sample Name: ICB01 Acquired: 1/18/2019 11:57:17 Type: Unk
Method: P4-ICP2(v2754) 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	-.00027	.00025	.00081	-.00042	-.00113	-.00308	-.00028	.00000
Stddev	.00191	.00174	.00116	.00234	.00089	.01354	.00083	.00007
%RSD	719.25	691.96	143.04	552.04	78.211	440.38	294.15	13154.
#1	-.00239	.00102	-.00011	.00111	-.00012	.01256	-.00106	.00007
#2	.00131	-.00174	.00043	-.00312	-.00177	-.01085	-.00039	-.00006
#3	.00028	.00147	.00211	.00074	-.00151	-.01094	.00060	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00478	.00006	.00010	-.00008	.02176	-.00004	.02625
Stddev	.00002	.03101	.00035	.00024	.00019	.00963	.00003	.02787
%RSD	34.909	648.68	596.70	232.42	258.31	44.273	71.361	106.17
#1	-.00006	.01897	.00040	.00031	-.00029	.01958	-.00001	.03689
#2	-.00006	-.03987	-.00029	-.00016	-.00001	.03230	-.00005	.04724
#3	-.00003	.00655	.00006	.00016	.00008	.01340	-.00006	-.00537
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00080	-.05022	-.00018	-.00446	.04207	.00026	.01026
Stddev	.00034	.00059	.00682	.00057	.00011	.00688	.00016	.01869
%RSD	136.44	73.698	13.583	306.86	2.5294	16.367	59.598	182.25
#1	-.00033	.00130	-.05548	.00021	-.00455	.03514	.00043	.02280
#2	-.00054	.00015	-.05268	.00007	-.00449	.04214	.00011	-.01123
#3	.00012	.00093	-.04251	-.00083	-.00433	.04891	.00025	.01919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	.00079	.00087	.00193	.00101	-.0013	-.00014	F 2.1452
Stddev	.00312	.00181	.00065	.00240	.00044	.0014	.00006	.1085
%RSD	215.32	229.05	75.154	124.30	43.275	108.5	38.944	5.0586
#1	-.00473	.00247	.00129	.00422	.00076	-.0011	-.00019	2.0531
#2	.00146	.00104	.00121	.00213	.00152	-.0028	-.00008	2.1177
#3	-.00107	-.00113	.00012	-.00056	.00076	.0000	-.00016	2.2648

Sample Name: ICB01 Acquired: 1/18/2019 11:57:17 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2926
Stddev 1.0467
%RSD 80.973

#1 2.3754
#2 .28621
#3 1.2163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.9	39459.	3665.1	87.714	3631.3
Stddev	2.0	72.	18.2	.832	17.9
%RSD	.06211	.18261	.49526	.94874	.49372

#1	3217.7	39391.	3682.3	88.642	3626.1
#2	3221.4	39535.	3646.1	87.467	3616.5
#3	3220.7	39450.	3667.0	87.033	3651.2

Sample Name: CRI01 Acquired: 1/18/2019 12:01:45 Type: Unk
Method: P4-ICP2(v2754) 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	.02149	.04552	.01350	.01995	.05627	.10672	.10799	.00644
Stddev	.00264	.00151	.00028	.00171	.00108	.01233	.00104	.00006
%RSD	12.294	3.3190	2.1088	8.5575	1.9240	11.551	.96538	.95071
#1	.02009	.04489	.01349	.02099	.05524	.12095	.10685	.00642
#2	.01984	.04725	.01379	.01798	.05740	.10008	.10823	.00639
#3	.02454	.04443	.01323	.02089	.05616	.09914	.10889	.00651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	2.1609	.01135	.03373	.02237	.10137	.02329	2.1638
Stddev	.00007	.0206	.00023	.00020	.00010	.00312	.00019	.0359
%RSD	1.1204	.95267	2.0290	.59860	.46204	3.0733	.82614	1.6574
#1	.00599	2.1773	.01111	.03396	.02228	.10348	.02325	2.1305
#2	.00605	2.1675	.01157	.03358	.02248	.10284	.02312	2.1591
#3	.00591	2.1378	.01136	.03366	.02233	.09779	.02350	2.2018
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04405	.01184	2.0860	.04521	.04192	2.1829	.21242	.11963
Stddev	.00030	.00061	.0302	.00036	.00023	.0568	.00017	.00322
%RSD	.68561	5.1358	1.4452	.79269	.54153	2.6034	.08086	2.6940
#1	.04422	.01114	2.0862	.04557	.04175	2.2372	.21234	.12204
#2	.04370	.01213	2.0557	.04523	.04218	2.1238	.21262	.12087
#3	.04423	.01224	2.1160	.04485	.04183	2.1878	.21230	.11597
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02007	.42099	.04338	.04625	.01992	.0178	.02081	F 2.3740
Stddev	.00365	.00092	.00077	.00050	.00104	.0014	.00008	.2065
%RSD	18.210	.21821	1.7638	1.0872	5.1978	7.787	.40746	8.6996
#1	.02011	.42072	.04250	.04572	.02085	.0186	.02072	2.3533
#2	.02371	.42023	.04375	.04671	.02012	.0162	.02083	2.5901
#3	.01640	.42201	.04388	.04633	.01881	.0186	.02089	2.1786

Sample Name: CRI01 Acquired: 1/18/2019 12:01:45 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2359
Stddev	.6705
%RSD	54.256

#1	.48151
#2	1.4621
#3	1.7641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.2	39154.	3696.4	88.744	3618.3
Stddev	3.2	114.	15.4	.492	5.9
%RSD	.10089	.29069	.41528	.55413	.16215

#1	3202.0	39232.	3713.1	89.133	3622.8
#2	3202.6	39023.	3683.0	88.192	3611.6
#3	3207.9	39206.	3693.0	88.908	3620.3

Sample Name: ICSA01 Acquired: 1/18/2019 12:06:58 Type: Unk
 Method: P4-ICP2(v2754) 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	.01124	.01003	.00564	-.00752	.00450	287.45	.00438	-.00181
Stddev	.00644	.00207	.00130	.00198	.00272	1.45	.00144	.00008
%RSD	57.337	20.674	23.032	26.386	60.589	.50533	32.851	4.5421
#1	.01450	.00767	.00621	-.00681	.00148	285.89	.00424	-.00178
#2	.00381	.01157	.00415	-.00598	.00677	287.70	.00589	-.00174
#3	.01539	.01086	.00655	-.00976	.00524	288.76	.00302	-.00190
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00433	253.45	.05963	.00048	.00626	104.38	.01439	258.57
Stddev	.00014	.40	.00067	.00034	.00085	.29	.00004	2.54
%RSD	3.2450	.15834	1.1240	70.262	13.574	.28182	.27511	.98090
#1	.00426	253.85	.05956	.00010	.00719	104.13	.01443	261.48
#2	.00449	253.05	.05899	.00074	.00609	104.70	.01438	256.82
#3	.00424	253.45	.06033	.00061	.00552	104.30	.01435	257.41
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01503	-.00545	.02313	-.00045	-.00508	.09543	.00087	-.01098
Stddev	.00027	.00058	.00573	.00036	.00026	.07925	.00026	.00114
%RSD	1.7859	10.673	24.773	79.343	5.2080	83.044	29.723	10.416
#1	-.01472	-.00484	.02543	-.00064	-.00479	.16760	.00093	-.00979
#2	-.01523	-.00552	.02736	-.00068	-.00532	.01062	.00059	-.01107
#3	-.01514	-.00599	.01661	-.00004	-.00513	.10806	.00109	-.01207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00967	-.00542	.01188	-.00268	.01130	.0142	-.00980	4.7860
Stddev	.00560	.00134	.00234	.00029	.00066	.0021	.00045	.1027
%RSD	57.936	24.761	19.675	10.930	5.8581	14.65	4.6108	2.1448
#1	-.00817	-.00695	.00940	-.00294	.01095	.0123	-.00948	4.6895
#2	-.01587	-.00447	.01404	-.00236	.01206	.0164	-.01031	4.8939
#3	-.00497	-.00484	.01221	-.00275	.01089	.0138	-.00959	4.7747

Sample Name: ICSA01 Acquired: 1/18/2019 12:06:58 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.54737
%RSD	.92653

#1	-58.530
#2	-59.078
#3	-59.624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.4	34651.	3631.1	82.348	2962.5
Stddev	2.6	48.	32.1	.521	1.6
%RSD	.09101	.13789	.88423	.63320	.05495

#1	2902.5	34646.	3596.5	81.843	2963.6
#2	2907.6	34606.	3636.7	82.318	2963.2
#3	2906.2	34701.	3660.0	82.884	2960.6

Sample Name: ICSAB01 Acquired: 1/18/2019 12:15:06 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11075	.10020	.05566	.03688	.59398	260.73	.49547	.52576
Stddev	.00659	.00158	.00065	.00195	.00329	.72	.00265	.00050
%RSD	5.9503	1.5743	1.1630	5.2787	.55308	.27572	.53523	.09457

#1	.10337	.10064	.05519	.03467	.59372	260.22	.49852	.52627
#2	.11283	.09844	.05640	.03833	.59083	261.55	.49422	.52575
#3	.11605	.10150	.05540	.03764	.59738	260.42	.49367	.52527

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96310	230.34	.55462	.48471	.48908	95.762	.51103	236.09
Stddev	.00136	.91	.00237	.00202	.00053	1.434	.00088	1.80
%RSD	.14122	.39587	.42755	.41657	.10912	1.4979	.17211	.76068

#1	.96371	231.38	.55719	.48291	.48856	94.578	.51164	238.14
#2	.96405	229.98	.55251	.48689	.48963	97.357	.51143	235.29
#3	.96155	229.67	.55415	.48432	.48905	95.351	.51002	234.83

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93352	.20650	.01737	.49135	.98191	.12267	1.0489	1.0071
Stddev	.00128	.00112	.00943	.00134	.00959	.02748	.0019	.0185
%RSD	.13755	.54106	54.281	.27374	.97664	22.402	.18297	1.8392

#1	.93299	.20743	.02600	.49051	.97565	.09129	1.0493	.99715
#2	.93498	.20526	.00731	.49064	.99295	.14243	1.0506	1.0285
#3	.93258	.20680	.01879	.49290	.97714	.13429	1.0468	.99576

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0572	.96650	1.0859	1.0624	1.0901	1.065	.94626	4.8243
Stddev	.0027	.00860	.0019	.0034	.0047	.005	.00392	.1133
%RSD	.25478	.89021	.17167	.32389	.43328	.4453	.41472	2.3480

#1	1.0591	.97531	1.0880	1.0658	1.0946	1.062	.95079	4.9159
#2	1.0584	.95811	1.0854	1.0589	1.0904	1.071	.94402	4.6976
#3	1.0541	.96609	1.0844	1.0624	1.0852	1.063	.94397	4.8594

Sample Name: ICSAB01 Acquired: 1/18/2019 12:15:06 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.35249
%RSD	.68507

#1	-51.710
#2	-51.052
#3	-51.599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.2	34459.	3585.8	81.011	2940.8
Stddev	6.3	83.	28.9	.872	3.7
%RSD	.22059	.24123	.80690	1.0763	.12626

#1	2868.1	34364.	3553.5	81.655	2936.6
#2	2880.3	34512.	3609.4	80.019	2943.4
#3	2871.2	34502.	3594.4	81.360	2942.5

Sample Name: CCV01 Acquired: 1/18/2019 12:19:22 Type: Unk
Method: P4-ICP2(v2754) 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	4.9952	4.8910	4.9581	4.9759	4.9738	9.9530	9.7105	.24927
Stddev	.0183	.0076	.0057	.0145	.0070	.0610	.0347	.00096
%RSD	.36709	.15502	.11541	.29168	.14148	.61308	.35764	.38507
#1	4.9764	4.8881	4.9634	4.9927	4.9809	9.9111	9.6927	.24995
#2	4.9962	4.8996	4.9590	4.9681	4.9738	10.023	9.6882	.24817
#3	5.0130	4.8853	4.9520	4.9670	4.9668	9.9250	9.7505	.24968
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4447	24.337	1.0075	2.4664	1.2413	5.0034	2.5010	23.594
Stddev	.0010	.066	.0037	.0023	.0046	.0898	.0055	.030
%RSD	.04101	.26952	.36928	.09495	.36916	1.7943	.21979	.12616
#1	2.4447	24.264	1.0051	2.4641	1.2442	4.9704	2.5020	23.578
#2	2.4458	24.354	1.0056	2.4688	1.2360	5.1050	2.4951	23.628
#3	2.4438	24.392	1.0118	2.4663	1.2436	4.9348	2.5059	23.576
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4267	1.2586	23.694	2.4440	2.4713	24.003	4.8972	4.7555
Stddev	.0011	.0053	.094	.0104	.0367	.101	.0105	.0283
%RSD	.04468	.42370	.39855	.42538	1.4868	.42280	.21524	.59436
#1	2.4276	1.2537	23.666	2.4491	2.4555	24.022	4.9088	4.7260
#2	2.4271	1.2578	23.617	2.4321	2.5133	23.894	4.8882	4.7582
#3	2.4255	1.2643	23.799	2.4509	2.4450	24.094	4.8947	4.7823
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7882	4.8324	4.9101	4.8990	4.7981	4.871	4.9810	F 3.6910
Stddev	.0063	.0422	.0074	.0180	.0203	.011	.0176	.1424
%RSD	.13105	.87295	.15100	.36702	.42334	.2249	.35434	3.8569
#1	4.7820	4.8106	4.9064	4.8843	4.7809	4.883	4.9809	3.5372
#2	4.7881	4.8056	4.9187	4.8936	4.7930	4.869	4.9634	3.8181
#3	4.7945	4.8810	4.9053	4.9190	4.8205	4.861	4.9987	3.7177

Sample Name: CCV01 Acquired: 1/18/2019 12:19:22 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7882
Stddev	.8326
%RSD	46.561

#1	1.8954
#2	2.5620
#3	.90718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.8	37100.	3677.7	85.232	3232.9
Stddev	8.2	82.	18.7	1.194	3.6
%RSD	.26967	.22056	.50895	1.4002	.11190

#1	3041.5	37194.	3687.4	85.705	3229.4
#2	3057.2	37065.	3689.5	83.875	3232.8
#3	3053.6	37043.	3656.1	86.117	3236.6

Sample Name: LLCCV01 Acquired: 1/18/2019 12:23:23 Type: Unk
Method: P4-ICP2(v2754) 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	.01661	.04182	F .01450	.01795	.05307	.10395	.09884	.00600
Stddev	.00314	.00075	.00104	.00266	.00162	.00497	.00080	.00005
%RSD	18.882	1.7920	7.1431	14.814	3.0449	4.7791	.80948	.86997
#1	.01301	.04261	.01412	.02100	.05249	.10707	.09905	.00598
#2	.01801	.04111	.01567	.01612	.05183	.09822	.09795	.00606
#3	.01880	.04175	.01371	.01674	.05490	.10655	.09951	.00596
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	2.0009	.01065	.03140	.02108	.11672	.02183	1.9976
Stddev	.00004	.0182	.00026	.00007	.00013	.00845	.00005	.0815
%RSD	.76139	.91010	2.4267	.21543	.61025	7.2434	.23381	4.0796
#1	.00562	2.0219	.01090	.03146	.02098	.12048	.02188	1.9499
#2	.00558	1.9903	.01067	.03142	.02123	.10704	.02178	1.9512
#3	.00554	1.9904	.01038	.03133	.02103	.12265	.02183	2.0917
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04062	.01114	1.9041	.04241	.03702	2.0196	.19644	.10156
Stddev	.00041	.00068	.0218	.00011	.00054	.0522	.00102	.00326
%RSD	.99966	6.1241	1.1471	.26577	1.4467	2.5841	.52151	3.2121
#1	.04088	.01133	1.8972	.04247	.03710	2.0796	.19750	.10146
#2	.04015	.01171	1.8866	.04248	.03645	1.9951	.19636	.10488
#3	.04083	.01038	1.9286	.04228	.03751	1.9842	.19546	.09835
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02005	.39200	.04090	.04352	.01920	F .0158	.01961	F 2.2765
Stddev	.00045	.00624	.00130	.00213	.00050	.0010	.00010	.1310
%RSD	2.2577	1.5926	3.1747	4.8903	2.6089	6.113	.48875	5.7521
#1	.02009	.38638	.04225	.04108	.01971	.0148	.01951	2.4027
#2	.01958	.39091	.04077	.04454	.01920	.0157	.01962	2.2856
#3	.02048	.39872	.03967	.04496	.01871	.0168	.01970	2.1413

Sample Name: LLCCV01 Acquired: 1/18/2019 12:23:23 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8872
Stddev	.6640
%RSD	35.182

#1	2.4372
#2	1.1496
#3	2.0747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.2	39255.	3764.8	92.106	3642.3
Stddev	12.1	130.	38.5	1.039	18.3
%RSD	.37595	.32988	1.0226	1.1283	.50253

#1	3212.3	39106.	3778.4	92.233	3623.8
#2	3223.9	39319.	3794.7	93.075	3642.8
#3	3236.5	39341.	3721.4	91.008	3660.4

Sample Name: CCB01 Acquired: 1/18/2019 12:27:48 Type: Unk
Method: P4-ICP2(v2754) 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	.00029	.00037	.00084	-.00088	.00000	.00627	-.00112	.00001
Stddev	.00087	.00050	.00053	.00131	.00203	.00430	.00053	.00003
%RSD	303.90	133.84	62.507	149.76	59094.	68.643	47.511	249.70
#1	-.00015	.00021	.00054	-.00233	-.00135	.00226	-.00093	.00004
#2	-.00027	.00094	.00145	-.00053	-.00098	.00573	-.00173	-.00001
#3	.00129	-.00002	.00053	.00023	.00234	.01082	-.00071	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00295	.00032	-.00006	.00003	.00350	-.00006	-.02001
Stddev	.00005	.01007	.00064	.00004	.00057	.00169	.00004	.03210
%RSD	407.51	341.52	199.93	68.776	1825.2	48.207	68.914	160.45
#1	.00005	-.00780	.00014	-.00008	-.00055	.00541	-.00009	-.00567
#2	-.00003	.00447	.00102	-.00010	.00059	.00224	-.00007	.00243
#3	-.00005	.01217	-.00021	-.00001	.00005	.00283	-.00001	-.05678
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	.00073	-.08016	-.00010	-.00481	.04738	.00015	.00741
Stddev	.00037	.00025	.00700	.00019	.00002	.02581	.00025	.01204
%RSD	48.774	34.073	8.7283	181.46	.47811	54.484	167.18	162.59
#1	-.00103	.00073	-.08723	-.00005	-.00483	.01759	-.00003	-.00638
#2	-.00090	.00048	-.08003	-.00031	-.00479	.06308	.00004	.01274
#3	-.00034	.00097	-.07323	.00005	-.00481	.06146	.00043	.01586
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	.00238	-.00034	.00130	.00097	-.0007	.00001	F 2.7899
Stddev	.00314	.00095	.00080	.00065	.00152	.0004	.00003	.1080
%RSD	139.18	39.888	237.00	50.077	157.06	56.28	236.66	3.8714
#1	-.00583	.00129	-.00071	.00077	.00267	-.0005	.00000	2.7295
#2	.00003	.00281	.00058	.00110	.00047	-.0004	.00004	2.9146
#3	-.00096	.00305	-.00088	.00203	-.00024	-.0011	-.00001	2.7255

Sample Name: CCB01 Acquired: 1/18/2019 12:27:48 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .74432
 Stddev 1.1578
 %RSD 155.56

#1 -.51639
 #2 1.7601
 #3 .98927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.6	39048.	3742.2	88.856	3633.4
Stddev	10.5	116.	24.5	2.248	20.6
%RSD	.32987	.29715	.65528	2.5301	.56672

#1	3192.7	39057.	3715.2	87.208	3618.8
#2	3190.3	38928.	3762.9	87.942	3624.5
#3	3209.7	39160.	3748.6	91.417	3657.0

Sample Name: K1181-01 Acquired: 1/18/2019 12:33:14 Type: Unk
Method: P4-ICP2(v2754) 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	-.00388	.00013	.02042	-.00381	.00088	-.01791	.14579	.00013
Stddev	.00261	.00078	.00045	.00129	.00136	.00926	.00058	.00004
%RSD	67.395	582.82	2.2197	33.964	154.47	51.733	.39919	30.469
#1	-.00482	-.00059	.01999	-.00517	-.00059	-.02085	.14581	.00011
#2	-.00092	.00004	.02089	-.00367	.00113	-.00753	.14637	.00011
#3	-.00589	.00095	.02037	-.00259	.00211	-.02534	.14520	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	187.53	.00067	.00029	.00192	-.05103	.00032	62.781
Stddev	.00006	1.30	.00046	.00010	.00082	.01194	.00008	.412
%RSD	13.642	.69064	69.315	36.108	42.734	23.392	24.194	.65625
#1	-.00042	186.21	.00036	.00017	.00284	-.04056	.00038	63.246
#2	-.00054	188.80	.00044	.00038	.00165	-.06403	.00023	62.640
#3	-.00043	187.58	.00120	.00032	.00127	-.04851	.00033	62.459
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.00073	829.50	.00030	.04475	26.349	.01567	.28194
Stddev	.00015	.00070	6.08	.00060	.00140	.140	.00067	.00844
%RSD	6.7752	95.952	.73352	197.19	3.1204	.53314	4.3029	2.9922
#1	-.00221	.00091	832.43	.00021	.04317	26.207	.01644	.28817
#2	-.00238	-.00004	833.57	-.00024	.04529	26.487	.01539	.27234
#3	-.00208	.00132	822.50	.00095	.04580	26.354	.01519	.28530
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.170	F 14.130	-.02625	-.00452	.02893	.0447	1.0854	5.2607
Stddev	.180	.131	.00022	.00052	.00057	.0016	.0066	.0410
%RSD	.22718	.92400	.84729	11.497	1.9810	3.609	.60837	.77885
#1	79.131	14.022	-.02617	-.00392	.02950	.0433	1.0799	5.2251
#2	79.013	14.275	-.02608	-.00484	.02895	.0464	1.0927	5.3055
#3	79.367	14.093	-.02650	-.00480	.02835	.0443	1.0835	5.2516

Sample Name: K1181-01 Acquired: 1/18/2019 12:33:14 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.2083
Stddev	.5879
%RSD	6.3849

#1	8.6538
#2	9.8248
#3	9.1464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.9	33724.	3648.8	85.929	2941.5
Stddev	9.4	39.	31.0	2.615	10.7
%RSD	.33096	.11585	.85089	3.0430	.36215

#1	2855.5	33691.	3675.1	88.800	2950.4
#2	2860.8	33713.	3614.5	85.305	2944.3
#3	2842.4	33767.	3656.9	83.683	2929.7

Sample Name: K1164-01 Acquired: 1/18/2019 12:58:32 Type: Unk
Method: P4-ICP2(v2754) 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	-.00102	.00051	.00525	.00043	-.00092	.00252	.00641	.00011
Stddev	.00065	.00249	.00129	.00251	.00165	.00385	.00090	.00005
%RSD	63.834	487.89	24.553	577.33	179.51	152.85	14.106	48.773
#1	-.00104	.00257	.00477	.00010	.00095	.00112	.00744	.00016
#2	-.00167	-.00226	.00427	-.00189	-.00219	.00687	.00609	.00013
#3	-.00036	.00122	.00671	.00309	-.00151	-.00044	.00572	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	24.657	.00053	.00010	.00035	.00950	.00335	52.300
Stddev	.00014	.028	.00051	.00009	.00039	.01215	.00005	.297
%RSD	45.061	.11278	95.963	85.642	111.26	127.99	1.6160	.56845
#1	-.00041	24.677	.00058	.00001	.00018	.02285	.00331	52.632
#2	-.00035	24.625	.00101	.00018	.00008	.00655	.00333	52.207
#3	-.00015	24.668	-.00000	.00012	.00080	-.00091	.00341	52.060
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00195	397.13	-.00062	-.00453	16.756	.00055	.17462
Stddev	.00041	.00062	3.58	.00030	.00011	.065	.00008	.01046
%RSD	20.638	31.620	.90228	47.705	2.4691	.39018	13.950	5.9890
#1	-.00227	.00266	399.29	-.00060	-.00462	16.681	.00059	.16295
#2	-.00151	.00155	393.00	-.00033	-.00457	16.799	.00047	.18314
#3	-.00214	.00164	399.12	-.00092	-.00441	16.790	.00060	.17776
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.596	.93231	-.01207	.00056	.00925	.0113	.34547	5.3049
Stddev	.140	.00496	.00024	.00061	.00176	.0021	.00203	.1031
%RSD	.35319	.53162	1.9639	108.77	19.077	18.73	.58754	1.9431
#1	39.566	.93409	-.01184	.00045	.01127	.0108	.34444	5.3963
#2	39.474	.92671	-.01232	.00122	.00850	.0095	.34416	5.1932
#3	39.749	.93613	-.01206	.00002	.00799	.0136	.34781	5.3253

Sample Name: K1164-01 Acquired: 1/18/2019 12:58:32 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8153
Stddev	.4901
%RSD	8.4273

#1	5.3651
#2	5.7436
#3	6.3373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2945.9	34515.	3633.9	85.681	3107.7
Stddev	11.7	116.	24.8	1.452	10.3
%RSD	.39698	.33746	.68266	1.6943	.33170

#1	2934.8	34385.	3614.1	84.705	3098.4
#2	2958.1	34608.	3661.7	87.349	3118.8
#3	2944.9	34554.	3625.7	84.988	3105.9

Sample Name: K1164-01DUP Acquired: 1/18/2019 13:03:08 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7890 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00084	.00583	-.00339	-.00095	-.01424	.00546	.00017
Stddev	.00045	.00064	.00024	.00195	.00059	.00641	.00095	.00003
%RSD	33.602	76.699	4.1577	57.591	62.728	45.013	17.465	19.376
#1	-.00102	-.00158	.00611	-.00553	-.00149	-.02145	.00638	.00019
#2	-.00186	-.00040	.00568	-.00170	-.00031	-.00919	.00448	.00013
#3	-.00115	-.00054	.00570	-.00295	-.00104	-.01208	.00551	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	25.080	.00032	.00001	.00012	.01543	.00325	52.772
Stddev	.00006	.103	.00026	.00009	.00022	.00670	.00006	.402
%RSD	26.351	.41264	80.185	939.53	191.81	43.439	1.9356	.76097
#1	-.00029	25.131	.00021	-.00009	-.00006	.00832	.00331	53.038
#2	-.00023	25.149	.00014	.00006	.00036	.02164	.00319	52.968
#3	-.00017	24.961	.00061	.00006	.00005	.01634	.00325	52.310
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	.00181	397.10	-.00030	-.00477	16.943	.00066	.18519
Stddev	.00031	.00077	7.55	.00026	.00005	.139	.00036	.01148
%RSD	14.636	42.600	1.9005	85.238	1.1381	.81999	54.121	6.2002
#1	-.00236	.00106	405.16	-.00001	-.00473	17.045	.00030	.18416
#2	-.00220	.00260	395.94	-.00051	-.00483	16.999	.00067	.17425
#3	-.00176	.00177	390.20	-.00039	-.00475	16.784	.00101	.19715
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.342	.93474	-.01331	-.00055	.01061	.0132	.35109	5.2931
Stddev	.097	.01093	.00020	.00205	.00169	.0012	.00129	.1120
%RSD	.24127	1.1698	1.5400	370.63	15.963	8.778	.36687	2.1158
#1	40.233	.94716	-.01331	-.00290	.00966	.0144	.35241	5.2966
#2	40.370	.93049	-.01311	.00035	.01256	.0122	.35102	5.4033
#3	40.422	.92657	-.01352	.00089	.00960	.0129	.34983	5.1794

Sample Name: K1164-01DUP Acquired: 1/18/2019 13:03:08 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7890 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0427
Stddev	.6468
%RSD	10.704

#1	6.3297
#2	5.3021
#3	6.4964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.7	34593.	3689.0	85.102	3098.2
Stddev	7.9	70.	32.0	.305	10.0
%RSD	.26933	.20316	.86878	.35889	.32335

#1	2928.7	34628.	3657.2	84.749	3086.9
#2	2940.8	34512.	3688.5	85.274	3101.8
#3	2943.5	34639.	3721.3	85.283	3106.0

Sample Name: K1164-01LX5 Acquired: 1/18/2019 13:07:44 Type: Unk
Method: P4-ICP2(v2754) 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	-.00128	-.00051	.00361	-.00119	.00017	-.00528	.00154	.00008
Stddev	.00329	.00123	.00091	.00179	.00072	.00622	.00139	.00002
%RSD	257.73	242.91	25.230	149.99	418.13	117.70	89.894	27.286
#1	.00248	.00014	.00285	.00086	-.00063	-.01086	-.00005	.00008
#2	-.00368	-.00192	.00462	-.00238	.00075	.00142	.00247	.00006
#3	-.00263	.00027	.00337	-.00206	.00040	-.00640	.00221	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	11.562	.00034	-.00005	.00044	.00669	.00147	24.217
Stddev	.00007	.105	.00021	.00023	.00034	.00625	.00005	.162
%RSD	41.141	.91225	63.710	496.17	77.965	93.409	3.0975	.66783
#1	-.00025	11.488	.00023	-.00032	.00057	.00022	.00152	24.060
#2	-.00017	11.682	.00058	.00005	.00069	.01269	.00145	24.383
#3	-.00011	11.514	.00019	.00012	.00005	.00715	.00143	24.207
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	.00127	191.52	-.00012	-.00503	7.7707	.00045	.07801
Stddev	.00020	.00033	.55	.00043	.00005	.0599	.00021	.01698
%RSD	15.399	25.855	.28731	364.71	1.0164	.77125	47.575	21.763
#1	-.00147	.00089	191.57	-.00050	-.00501	7.7933	.00024	.06391
#2	-.00134	.00140	192.04	.00035	-.00508	7.8161	.00067	.09686
#3	-.00108	.00151	190.95	-.00020	-.00498	7.7028	.00045	.07327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.770	.44409	-.00569	.00263	.00583	.0036	.16341	4.6482
Stddev	.017	.00090	.00093	.00103	.00177	.0008	.00116	.1802
%RSD	.09582	.20181	16.406	39.266	30.332	22.93	.70724	3.8757
#1	17.781	.44386	-.00591	.00183	.00561	.0037	.16225	4.4505
#2	17.751	.44508	-.00649	.00379	.00770	.0043	.16456	4.6909
#3	17.779	.44333	-.00466	.00226	.00418	.0027	.16342	4.8031

Sample Name: K1164-01LX5 Acquired: 1/18/2019 13:07:44 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2260
Stddev	.6604
%RSD	15.628

#1	3.6378
#2	4.9405
#3	4.0997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.9	35838.	3705.2	85.829	3277.7
Stddev	3.6	38.	17.6	1.226	3.7
%RSD	.12021	.10552	.47564	1.4287	.11155

#1	3033.1	35805.	3703.2	84.665	3274.9
#2	3029.2	35879.	3688.8	87.109	3276.5
#3	3036.5	35830.	3723.8	85.712	3281.9

Sample Name: K1164-01MS Acquired: 1/18/2019 13:12:10 Type: Unk
Method: P4-ICP2(v2754) 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	.86700	1.8581	1.0144	2.1651	.84856	2.2238	.21154	.22677
Stddev	.00135	.0013	.0023	.0052	.00442	.0109	.00150	.00014
%RSD	.15579	.07168	.22932	.24139	.52144	.48830	.70695	.06053
#1	.86798	1.8576	1.0125	2.1711	.84923	2.2190	.21000	.22692
#2	.86546	1.8572	1.0170	2.1615	.85260	2.2363	.21299	.22672
#3	.86756	1.8597	1.0137	2.1627	.84383	2.2162	.21163	.22666
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20076	56.768	.42660	.20895	.30326	3.1042	.21767	121.38
Stddev	.00009	.177	.00089	.00012	.00114	.0285	.00031	.64
%RSD	.04356	.31183	.20945	.05821	.37615	.91964	.14419	.53123
#1	.20072	56.917	.42665	.20881	.30411	3.0937	.21801	121.79
#2	.20086	56.572	.42746	.20903	.30197	3.1365	.21758	121.72
#3	.20071	56.816	.42567	.20901	.30372	3.0823	.21741	120.64
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49565	.08258	802.38	.31320	.20280	48.714	.40692	.69601
Stddev	.00150	.00185	13.64	.00228	.00064	.087	.00020	.00242
%RSD	.30193	2.2459	1.6993	.72831	.31673	.17866	.05016	.34834
#1	.49592	.08433	817.89	.31539	.20296	48.760	.40715	.69687
#2	.49700	.08063	797.01	.31084	.20335	48.614	.40683	.69327
#3	.49404	.08279	792.25	.31339	.20210	48.769	.40678	.69788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.894	3.0476	.71897	.20725	.21914	6.711	.99261	6.4933
Stddev	.085	.0128	.00314	.00337	.00181	.002	.00231	.0672
%RSD	.08909	.41860	.43662	1.6237	.82705	.0359	.23301	1.0349
#1	94.937	3.0585	.72195	.20924	.21781	6.713	.99273	6.5660
#2	94.949	3.0509	.71569	.20914	.22121	6.708	.99024	6.4334
#3	94.797	3.0336	.71926	.20336	.21842	6.711	.99486	6.4804

Sample Name: K1164-01MS Acquired: 1/18/2019 13:12:10 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8060
Stddev .6763
%RSD 14.072

#1 4.0405
#2 5.3222
#3 5.0554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.3	32619.	3557.7	82.106	2846.0
Stddev	5.9	89.	6.7	.234	5.0
%RSD	.21194	.27243	.18930	.28473	.17412

#1	2765.8	32701.	3551.7	81.861	2843.4
#2	2777.5	32525.	3556.3	82.130	2851.7
#3	2770.4	32631.	3565.0	82.327	2842.9

Sample Name: K1164-01MSD Acquired: 1/18/2019 13:16:22 Type: Unk
Method: P4-ICP2(v2754) 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	.87056	1.8634	1.0190	2.1627	.85006	2.2358	.21100	.22649
Stddev	.00382	.0024	.0009	.0118	.00386	.0178	.00129	.00029
%RSD	.43858	.12592	.08595	.54325	.45359	.79536	.61233	.12622
#1	.87489	1.8615	1.0196	2.1552	.85451	2.2250	.21218	.22639
#2	.86912	1.8627	1.0194	2.1567	.84795	2.2563	.20962	.22628
#3	.86768	1.8660	1.0180	2.1763	.84772	2.2260	.21121	.22682
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20058	56.703	.42739	.20937	.30377	3.1848	.21673	120.97
Stddev	.00033	.280	.00355	.00037	.00012	.0198	.00049	.88
%RSD	.16406	.49303	.83051	.17816	.03790	.62074	.22830	.72545
#1	.20093	57.025	.42440	.20959	.30372	3.1996	.21630	121.53
#2	.20053	56.535	.43132	.20958	.30368	3.1624	.21727	119.96
#3	.20028	56.547	.42645	.20894	.30390	3.1924	.21661	121.42
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49593	.08382	791.65	.31032	.20937	48.444	.40694	.68435
Stddev	.00055	.00090	12.73	.00102	.00116	.180	.00190	.00578
%RSD	.11130	1.0784	1.6082	.32722	.55495	.37256	.46771	.84419
#1	.49602	.08378	801.59	.31121	.21069	48.631	.40774	.69086
#2	.49643	.08475	796.06	.31054	.20848	48.270	.40830	.67985
#3	.49534	.08294	777.30	.30921	.20895	48.430	.40476	.68233
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.318	3.0451	.71998	.20840	.21502	6.712	.98672	6.7432
Stddev	.344	.0339	.00503	.00032	.00256	.007	.00423	.1539
%RSD	.36461	1.1138	.69876	.15273	1.1908	.1028	.42824	2.2828
#1	94.269	3.0529	.72534	.20868	.21798	6.713	.98966	6.6114
#2	94.684	3.0080	.71925	.20846	.21349	6.719	.98188	6.9123
#3	94.002	3.0744	.71535	.20806	.21360	6.705	.98863	6.7058

Sample Name: K1164-01MSD Acquired: 1/18/2019 13:16:22 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4252
Stddev .4589
%RSD 13.398

#1 3.7094
#2 3.6704
#3 2.8958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.2	32144.	3528.8	79.607	2831.0
Stddev	4.6	142.	22.6	.415	4.8
%RSD	.16872	.44199	.64073	.52161	.17072

#1	2750.3	32241.	3514.5	79.200	2825.6
#2	2759.4	31981.	3554.8	80.030	2832.5
#3	2753.0	32210.	3517.0	79.591	2835.0

Sample Name: K1164-01A Acquired: 1/18/2019 13:20:34 Type: Unk
Method: P4-ICP2(v2754) 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	.84561	1.8449	.99998	2.1260	.83449	2.2319	.21348	.22783
Stddev	.01455	.0252	.01755	.0363	.01488	.0392	.00194	.00018
%RSD	1.7203	1.3640	1.7548	1.7086	1.7835	1.7553	.91048	.07889
#1	.85770	1.8667	1.0150	2.1595	.84730	2.2246	.21254	.22763
#2	.84967	1.8507	1.0042	2.1310	.83799	2.2743	.21218	.22798
#3	.82947	1.8174	.98071	2.0874	.81816	2.1969	.21571	.22786
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19802	56.448	.42767	.20489	.29981	3.0796	.21794	121.91
Stddev	.00319	.603	.00205	.00298	.00436	.0751	.00031	.68
%RSD	1.6113	1.0691	.47892	1.4541	1.4548	2.4386	.14025	.55879
#1	.20099	56.283	.42714	.20757	.30220	3.0253	.21827	121.35
#2	.19841	55.944	.42594	.20541	.30247	3.1653	.21767	121.72
#3	.19465	57.116	.42993	.20168	.29478	3.0481	.21788	122.67
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48913	.08372	789.57	.31273	.20231	48.724	.40215	.69907
Stddev	.00876	.00095	9.57	.00101	.00062	.542	.00908	.01568
%RSD	1.7900	1.1360	1.2121	.32383	.30574	1.1129	2.2589	2.2425
#1	.49756	.08469	797.83	.31233	.20210	48.736	.40982	.68164
#2	.48976	.08279	779.08	.31388	.20300	48.176	.40452	.70354
#3	.48008	.08367	791.81	.31198	.20182	49.260	.39212	.71202
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.180	3.0276	.69947	.20892	.21832	6.592	.98353	6.5916
Stddev	1.949	.0279	.01513	.00306	.00222	.118	.00939	.1734
%RSD	2.0912	.92289	2.1635	1.4645	1.0151	1.785	.95451	2.6299
#1	95.022	3.0179	.71374	.21069	.21942	6.700	.98280	6.6729
#2	93.379	3.0058	.70107	.21068	.21576	6.609	.97453	6.3925
#3	91.140	3.0591	.68360	.20539	.21976	6.466	.99327	6.7093

Sample Name: K1164-01A Acquired: 1/18/2019 13:20:34 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7783
Stddev	1.0796
%RSD	28.575

#1	3.6712
#2	4.9075
#3	2.7562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.3	32229.	3525.0	81.746	2860.8
Stddev	34.7	76.	48.9	.234	37.3
%RSD	1.2488	.23458	1.3867	.28668	1.3047

#1	2752.2	32195.	3527.0	82.013	2828.8
#2	2772.1	32315.	3572.9	81.653	2852.0
#3	2819.8	32176.	3475.2	81.573	2901.8

Sample Name: PB116447BS Acquired: 1/18/2019 13:29:15 Type: Unk
Method: P4-ICP2(v2754) 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	.79911	1.9848	1.0082	2.0000	.80573	1.9830	.20143
Stddev	.00142	.0073	.0028	.0052	.00105	.0138	.00075
%RSD	.17756	.36760	.27567	.26097	.13036	.69718	.37448

#1	.79890	1.9896	1.0111	1.9962	.80685	1.9802	.20091
#2	.80062	1.9884	1.0056	1.9979	.80557	1.9708	.20109
#3	.79780	1.9764	1.0078	2.0060	.80476	1.9980	.20230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20673	.19272	1.0240	.42661	.20234	.32741	3.1420
Stddev	.00024	.00061	.0159	.00044	.00046	.00119	.0295
%RSD	.11486	.31819	1.5480	.10357	.22841	.36242	.93965

#1	.20675	.19339	1.0371	.42688	.20189	.32847	3.1080
#2	.20649	.19259	1.0284	.42685	.20282	.32762	3.1604
#3	.20696	.19219	1.0064	.42610	.20232	.32613	3.1577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21520	1.9230	.49056	.07779	3.3405	.30167	.21337
Stddev	.00042	.0922	.00228	.00049	.0310	.00112	.00138
%RSD	.19301	4.7930	.46518	.62651	.92718	.36993	.64741

#1	.21475	1.9918	.49280	.07818	3.3743	.30064	.21201
#2	.21558	1.8183	.49065	.07725	3.3336	.30151	.21477
#3	.21528	1.9589	.48823	.07795	3.3136	.30286	.21334

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.192	.39971	.29463	8.8510	.96545	.69365	.20501
Stddev	.059	.00132	.00388	.0253	.00327	.00380	.00152
%RSD	.57882	.32981	1.3164	.28591	.33871	.54854	.74021

#1	10.222	.40083	.29649	8.8785	.96638	.69773	.20330
#2	10.125	.40004	.29017	8.8458	.96816	.69302	.20619
#3	10.231	.39826	.29722	8.8288	.96182	.69019	.20555

Sample Name: PB116447BS Acquired: 1/18/2019 13:29:15 Type: Unk
 Method: P4-ICP2(v2754) 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	.20132	5.433	.20075	F 3.5152	F<.00000
Stddev	.00149	.021	.00045	.1090	.51070
%RSD	.74169	.3876	.22473	3.0999	15.156

#1	.20071	5.448	.20101	3.6071	-2.9981
#2	.20302	5.442	.20022	3.5438	-3.1590
#3	.20023	5.409	.20101	3.3948	-3.9521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.4	37824.	3628.5	85.075	3521.1
Stddev	13.7	80.	12.2	.475	15.7
%RSD	.44131	.21175	.33576	.55790	.44612

#1	3089.9	37772.	3619.0	85.592	3504.9
#2	3116.6	37916.	3624.3	84.658	3536.3
#3	3097.8	37783.	3642.2	84.975	3522.2

Sample Name: PB116450BL Acquired: 1/18/2019 13:33:21 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00064	.00149	-.00152	.00073	.00180	-.00155	.00001
Stddev	.00194	.00039	.00115	.00352	.00147	.00319	.00070	.00002
%RSD	465.15	61.303	77.080	231.73	201.69	177.39	45.404	232.02
#1	.00037	-.00103	.00205	-.00479	-.00026	.00173	-.00190	-.00001
#2	-.00150	-.00025	.00017	.00221	.00003	-.00135	-.00074	.00004
#3	.00237	-.00063	.00225	-.00197	.00242	.00502	-.00200	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00580	.00024	.00012	.00009	.02406	-.00022	.02523
Stddev	.00007	.01065	.00008	.00017	.00049	.01506	.00001	.02773
%RSD	264.94	183.69	33.616	141.67	553.48	62.582	4.1593	109.91
#1	.00002	-.00215	.00016	-.00005	.00060	.03390	-.00023	.05174
#2	-.00011	-.01780	.00032	.00012	.00004	.00673	-.00021	.02752
#3	.00001	.00255	.00026	.00029	-.00038	.03156	-.00023	-.00358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00104	.31979	.00007	-.00521	.12891	.00015	-.00249
Stddev	.00012	.00028	.00489	.00035	.00016	.04324	.00039	.00043
%RSD	22.017	26.871	1.5298	530.26	3.0138	33.547	257.39	17.444
#1	-.00058	.00095	.32415	-.00033	-.00505	.12455	.00021	-.00249
#2	-.00043	.00135	.32071	.00022	-.00520	.08801	-.00027	-.00292
#3	-.00068	.00081	.31450	.00031	-.00537	.17417	.00051	-.00205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01562	.00036	-.00029	.00040	-.00182	-.0024	.00001	F 3.2930
Stddev	.00255	.00104	.00103	.00164	.00125	.0013	.00003	.1382
%RSD	16.311	286.11	355.65	413.63	68.664	55.70	229.79	4.1965
#1	.01587	.00155	.00010	-.00148	-.00268	-.0033	.00004	3.2245
#2	.01803	-.00004	-.00145	.00152	-.00240	-.0009	-.00002	3.4521
#3	.01296	-.00041	.00049	.00115	-.00039	-.0029	.00001	3.2025

Sample Name: PB116450BL Acquired: 1/18/2019 13:33:21 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9035
Stddev .0600
%RSD 3.1511

#1 1.9390
#2 1.9372
#3 1.8342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.8	38134.	3683.4	84.175	3568.8
Stddev	9.5	52.	27.7	2.203	8.6
%RSD	.30390	.13529	.75235	2.6174	.23985

#1	3109.4	38155.	3680.0	82.183	3558.9
#2	3118.6	38075.	3657.6	86.542	3573.4
#3	3128.3	38172.	3712.7	83.800	3574.0

Sample Name: PB116450BS Acquired: 1/18/2019 13:37:49 Type: Unk
Method: P4-ICP2(v2754) 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	.78474	1.9408	.98698	1.9693	.78220	1.9435	.19469	.20190
Stddev	.00593	.0081	.00160	.0039	.00242	.0228	.00087	.00041
%RSD	.75562	.41704	.16190	.19744	.30946	1.1752	.44911	.20360
#1	.78940	1.9479	.98850	1.9726	.78366	1.9204	.19439	.20194
#2	.77807	1.9320	.98531	1.9650	.77940	1.9441	.19401	.20229
#3	.78676	1.9424	.98713	1.9703	.78353	1.9661	.19568	.20147
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18857	1.0032	.42083	.19820	.32123	3.1011	.21060	1.9275
Stddev	.00038	.0247	.00311	.00054	.00034	.0206	.00052	.0290
%RSD	.20165	2.4649	.73855	.27149	.10555	.66390	.24854	1.5037
#1	.18899	.98587	.42183	.19867	.32097	3.1240	.21017	1.8952
#2	.18847	.99223	.42332	.19761	.32162	3.0841	.21118	1.9512
#3	.18824	1.0315	.41735	.19832	.32112	3.0953	.21045	1.9361
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47964	.07694	3.1300	.29495	.20980	9.8855	.39137	.27586
Stddev	.00102	.00045	.0134	.00161	.00144	.0047	.00087	.01429
%RSD	.21214	.58748	.42698	.54557	.68819	.04785	.22134	5.1817
#1	.48077	.07719	3.1285	.29634	.21142	9.8909	.39216	.26190
#2	.47880	.07721	3.1175	.29534	.20931	9.8820	.39045	.29046
#3	.47934	.07642	3.1441	.29319	.20866	9.8837	.39151	.27521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8.6210	.94132	.68169	.19982	.19685	F 5.313	F .19574	3.5341
Stddev	.0159	.01152	.00303	.00140	.00074	.014	.00059	.1417
%RSD	.18463	1.2243	.44505	.70286	.37584	.2606	.30170	4.0106
#1	8.6389	.93904	.68336	.20140	.19733	5.329	.19610	3.6068
#2	8.6085	.93112	.67819	.19871	.19600	5.303	.19506	3.6247
#3	8.6156	.95382	.68352	.19934	.19722	5.307	.19606	3.3707

Sample Name: PB116450BS Acquired: 1/18/2019 13:37:49 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.9878
%RSD	68.541

#1	-5.1943
#2	-1.8173
#3	-1.6889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3152.1	38236.	3706.4	86.356	3589.9
Stddev	8.3	72.	17.5	.612	12.0
%RSD	.26448	.18871	.47237	.70863	.33295

#1	3145.9	38253.	3697.2	85.650	3576.7
#2	3161.5	38157.	3726.6	86.742	3600.0
#3	3148.7	38298.	3695.4	86.675	3592.9

Sample Name: CCV02 Acquired: 1/18/2019 13:52:14 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2184	5.0289	5.2067	5.1236	5.1695	10.404	9.8143	.26066
Stddev	.0098	.0119	.0029	.0049	.0056	.108	.0376	.00071
%RSD	.18757	.23657	.05613	.09459	.10842	1.0422	.38349	.27164
#1	5.2277	5.0151	5.2086	5.1192	5.1635	10.373	9.8220	.26133
#2	5.2194	5.0353	5.2082	5.1288	5.1704	10.525	9.7735	.26072
#3	5.2082	5.0362	5.2033	5.1228	5.1746	10.315	9.8475	.25992
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5353	24.921	1.0704	2.5767	1.2823	5.4480	2.6127	23.631
Stddev	.0026	.039	.0019	.0023	.0002	.1029	.0049	.118
%RSD	.10104	.15552	.17427	.08906	.01701	1.8895	.18800	.49968
#1	2.5347	24.912	1.0706	2.5779	1.2823	5.5584	2.6184	23.767
#2	2.5331	24.888	1.0721	2.5741	1.2821	5.3547	2.6102	23.555
#3	2.5381	24.964	1.0684	2.5782	1.2825	5.4308	2.6096	23.571
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4814	1.3518	23.562	2.5193	2.7253	24.508	5.0397	4.7169
Stddev	.0030	.0027	.058	.0115	.0626	.130	.0073	.0200
%RSD	.12213	.19623	.24680	.45501	2.2987	.52890	.14542	.42495
#1	2.4783	1.3506	23.594	2.5316	2.7952	24.620	5.0327	4.7186
#2	2.4817	1.3548	23.495	2.5173	2.6742	24.366	5.0473	4.6961
#3	2.4843	1.3499	23.598	2.5089	2.7065	24.537	5.0392	4.7361
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8796	5.0369	5.1088	5.0646	4.8187	5.038	5.1350	4.7621
Stddev	.0118	.0348	.0036	.0088	.0192	.006	.0229	.0871
%RSD	.24256	.69181	.07009	.17434	.39795	.1261	.44522	1.8285
#1	4.8916	5.0283	5.1085	5.0547	4.8190	5.031	5.1201	4.7140
#2	4.8794	5.0072	5.1055	5.0672	4.7994	5.038	5.1236	4.8627
#3	4.8679	5.0753	5.1126	5.0717	4.8378	5.044	5.1613	4.7098

Sample Name: CCV02 Acquired: 1/18/2019 13:52:14 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14482 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1881
Stddev	1.0237
%RSD	32.109

#1	3.2290
#2	2.1446
#3	4.1907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.4	36381.	3686.9	81.371	3222.8
Stddev	7.0	148.	20.0	1.804	5.8
%RSD	.23065	.40563	.54363	2.2168	.18078

#1	3030.2	36300.	3678.4	79.307	3221.7
#2	3023.5	36292.	3709.8	82.644	3217.6
#3	3037.5	36551.	3672.4	82.162	3229.1

Sample Name: CCB02 Acquired: 1/18/2019 13:56:13 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	.00083	.00250	.00014	.00067	-.01046	-.00083	.00001
Stddev	.00110	.00055	.00101	.00351	.00028	.01107	.00076	.00003
%RSD	69.809	67.012	40.361	2505.3	41.550	105.83	91.528	278.12
#1	-.00046	.00024	.00356	.00246	.00040	-.01848	-.00159	.00003
#2	-.00162	.00090	.00240	.00186	.00096	-.01508	-.00007	-.00002
#3	-.00266	.00134	.00155	-.00390	.00065	.00217	-.00082	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01424	.00019	.00011	.00031	.00875	-.00014	.01523
Stddev	.00006	.01518	.00051	.00009	.00033	.00754	.00008	.05419
%RSD	86.904	106.60	262.45	77.226	106.42	86.160	57.005	355.86
#1	-.00000	-.00904	-.00001	.00007	.00009	.01651	-.00005	.02029
#2	.00011	-.03134	-.00018	.00021	.00015	.00829	-.00016	.06671
#3	.00011	-.00235	.00077	.00006	.00069	.00145	-.00020	-.04132
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	.00145	.09900	-.00006	-.00520	.08550	.00047	.01409
Stddev	.00037	.00020	.00285	.00035	.00006	.01898	.00012	.00135
%RSD	52.804	13.780	2.8766	608.65	1.0916	22.202	25.098	9.5684
#1	-.00073	.00162	.10104	-.00039	-.00524	.08284	.00060	.01290
#2	-.00031	.00150	.10021	.00031	-.00523	.06799	.00036	.01382
#3	-.00105	.00123	.09574	-.00010	-.00514	.10567	.00045	.01555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.00674	-.00027	.00180	.00163	-.0012	.00004	F 3.9689
Stddev	.00326	.00049	.00046	.00072	.00346	.0022	.00007	.0265
%RSD	131.76	7.2817	171.79	39.911	212.23	175.8	146.65	.66666
#1	.00521	.00619	-.00064	.00131	-.00207	-.0003	.00002	3.9993
#2	-.00113	.00713	.00025	.00146	.00218	-.0037	-.00001	3.9568
#3	.00334	.00691	-.00042	.00262	.00478	.0003	.00012	3.9507

Sample Name: CCB02 Acquired: 1/18/2019 13:56:13 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14482 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3329
Stddev .7143
%RSD 30.616

#1 1.5218
#2 2.8678
#3 2.6092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.5	37444.	3641.1	83.833	3511.8
Stddev	5.4	39.	28.9	1.202	14.2
%RSD	.17539	.10300	.79397	1.4340	.40381

#1	3079.2	37411.	3614.8	83.917	3514.5
#2	3088.9	37487.	3636.3	84.992	3524.4
#3	3088.2	37434.	3672.0	82.592	3496.4

Sample Name: PB116447BL Acquired: 1/18/2019 14:00:41 Type: Unk
Method: P4-ICP2(v2754) 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	-.00189	.00119	.00157	.00104	.00126	-.00005	-.00190	.00012
Stddev	.00151	.00118	.00044	.00813	.00110	.01375	.00073	.00008
%RSD	79.661	98.791	27.834	778.29	87.785	25539.	38.438	63.791
#1	-.00028	.00070	.00107	.00384	.00038	-.00882	-.00241	.00005
#2	-.00327	.00034	.00178	.00741	.00090	-.00714	-.00107	.00020
#3	-.00212	.00253	.00187	-.00812	.00249	.01580	-.00223	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01273	-.00019	-.00019	-.00001	.00621	-.00019	.02285
Stddev	.00004	.01495	.00076	.00025	.00017	.00472	.00008	.04815
%RSD	792.23	117.48	402.31	134.12	1573.5	76.004	39.272	210.72
#1	.00001	.00181	.00038	.00002	.00015	.00407	-.00025	.03029
#2	-.00005	.02977	-.00106	-.00011	-.00018	.01162	-.00021	.06685
#3	.00002	.00660	.00010	-.00048	-.00000	.00294	-.00011	-.02859
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00113	.07280	-.00024	-.00531	.11182	-.00006	.00601
Stddev	.00053	.00029	.00464	.00008	.00002	.03900	.00017	.01271
%RSD	133.41	25.924	6.3723	31.393	.45378	34.878	283.82	211.62
#1	-.00070	.00123	.07582	-.00021	-.00533	.14223	.00013	.02061
#2	-.00069	.00080	.07513	-.00033	-.00532	.12536	-.00021	-.00255
#3	.00021	.00137	.06746	-.00019	-.00528	.06785	-.00010	-.00005
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	.00236	-.00103	.00276	.00020	-.0007	.00003	F 3.6599
Stddev	.00264	.00106	.00019	.00084	.00036	.0011	.00006	.0411
%RSD	85.575	45.199	18.984	30.479	184.29	169.7	254.99	1.1223
#1	.00451	.00250	-.00106	.00190	.00061	.0004	.00000	3.6722
#2	.00472	.00123	-.00120	.00358	.00003	-.0019	-.00002	3.6934
#3	.00004	.00334	-.00082	.00279	-.00005	-.0005	.00010	3.6140

Sample Name: PB116447BL Acquired: 1/18/2019 14:00:41 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1206
Stddev 1.0514
%RSD 49.577

#1 3.3341
#2 1.5452
#3 1.4826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.3	38318.	3731.2	85.375	3588.0
Stddev	9.9	19.	18.6	1.372	11.3
%RSD	.31651	.04887	.49750	1.6066	.31527

#1	3139.9	38310.	3738.4	86.958	3578.3
#2	3154.5	38340.	3710.1	84.550	3600.4
#3	3135.5	38306.	3745.1	84.617	3585.1

Sample Name: PB116450TB Acquired: 1/18/2019 14:05:09 Type: Unk
Method: P4-ICP2(v2754) 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	-.00206	-.00216	.00343	-.00048	.00419	-.00885	-.00293	.00001
Stddev	.00235	.00200	.00147	.00077	.00117	.00341	.00117	.00008
%RSD	114.24	92.523	42.958	160.75	27.965	38.601	39.895	915.43
#1	-.00287	-.00427	.00492	.00023	.00436	-.00493	-.00177	.00009
#2	-.00390	-.00028	.00198	-.00037	.00294	-.01119	-.00410	-.00006
#3	.00059	-.00194	.00339	-.00130	.00527	-.01043	-.00291	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00189	.00172	-.00010	.00018	.01128	-.00005	-.01067
Stddev	.00006	.02210	.00020	.00007	.00039	.00262	.00008	.02828
%RSD	38.564	1169.6	11.704	70.532	212.88	23.231	161.25	265.10
#1	-.00017	.02646	.00188	-.00017	.00019	.01378	-.00002	.00952
#2	-.00021	-.01635	.00149	-.00009	.00057	.00856	.00001	-.04300
#3	-.00009	-.00445	.00178	-.00003	-.00021	.01148	-.00015	.00147
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	.00325	F 268.69	-.00035	-.00319	.20306	.00023	.00798
Stddev	.00036	.00047	2.91	.00007	.00008	.04674	.00014	.00809
%RSD	22.545	14.554	1.0817	20.297	2.5887	23.017	59.232	101.30
#1	.00152	.00303	271.13	-.00036	-.00323	.15717	.00020	.00584
#2	.00196	.00379	265.47	-.00042	-.00325	.20140	.00038	.01692
#3	.00125	.00292	269.46	-.00028	-.00310	.25060	.00011	.00118
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	.00921	.00043	.00215	.00056	-.0014	-.00005	4.9604
Stddev	.00251	.00202	.00069	.00296	.00037	.0008	.00008	.1194
%RSD	42.392	21.965	161.77	137.79	66.384	59.35	158.44	2.4072
#1	.00778	.00822	.00095	.00495	.00088	-.0022	-.00014	4.8551
#2	.00306	.01154	.00070	.00244	.00065	-.0006	-.00003	4.9360
#3	.00689	.00787	-.00036	-.00095	.00015	-.0013	.00002	5.0901

Sample Name: PB116450TB Acquired: 1/18/2019 14:05:09 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4266
Stddev	1.1257
%RSD	25.430

#1	5.0516
#2	5.1011
#3	3.1271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.6	35532.	3675.9	82.397	3202.0
Stddev	10.4	34.	22.5	1.447	11.6
%RSD	.34849	.09544	.61162	1.7564	.36300

#1	2972.6	35497.	3651.4	82.033	3195.3
#2	2974.6	35535.	3695.7	83.992	3195.3
#3	2991.5	35565.	3680.5	81.167	3215.4

Sample Name: LR CHECK 1 Acquired: 1/18/2019 14:10:40 Type: Unk
Method: P4-ICP2(v2754) 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	.17186	.04861	-.07640	-.29822	.02914	1920.9	-.00120	-.00881
Stddev	.01173	.00202	.00939	.00880	.00198	15.7	.00066	.00042
%RSD	6.8244	4.1473	12.296	2.9494	6.7988	.81809	55.056	4.8190
#1	.18472	.04659	-.07959	-.30833	.02984	1936.2	-.00164	-.00847
#2	.16911	.04861	-.08378	-.29397	.02690	1921.8	-.00152	-.00928
#3	.16175	.05062	-.06583	-.29235	.03067	1904.8	-.00044	-.00867
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05565	1796.8	.01507	.04609	-.06949	F 910.11	.00659	F 1976.1
Stddev	.00023	11.2	.00095	.00115	.00302	21.31	.00016	8.1
%RSD	.41130	.62601	6.2749	2.4992	4.3457	2.3414	2.5015	.41038
#1	.05566	1804.6	.01410	.04727	-.07168	922.26	.00673	1985.4
#2	.05542	1802.0	.01513	.04602	-.07075	922.57	.00641	1972.7
#3	.05587	1783.9	.01599	.04497	-.06605	885.51	.00664	1970.3
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02914	-.06566	1460.5	-.00056	.04187	954.31	.00558	-.19803
Stddev	.00077	.00201	29.0	.00074	.00124	3.81	.00077	.04077
%RSD	2.6351	3.0597	1.9849	132.07	2.9677	.39974	13.835	20.590
#1	-.02865	-.06490	1477.6	-.00127	.04257	950.64	.00495	-.21050
#2	-.03003	-.06413	1476.9	.00020	.04261	958.26	.00534	-.15248
#3	-.02874	-.06793	1427.1	-.00061	.04044	954.03	.00644	-.23112
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23327	-.01143	.07650	-.05369	.09336	.1248	-.98925	6.7998
Stddev	.02207	.00437	.00287	.00083	.00058	.0037	.02327	.1383
%RSD	9.4598	38.251	3.7560	1.5424	.61946	2.981	2.3518	2.0332
#1	.25850	-.01243	.07496	-.05372	.09275	.1211	-1.0025	6.6445
#2	.22378	-.00665	.07473	-.05450	.09390	.1248	-1.0028	6.9094
#3	.21755	-.01522	.07982	-.05284	.09343	.1286	-.96239	6.8456

Sample Name: LR CHECK 1 Acquired: 1/18/2019 14:10:40 Type: Unk
Method: P4-ICP2(v2754) 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	2267.9	26161.	3266.5	63.453	2022.9
Stddev	7.8	52.	7.8	1.625	4.3
%RSD	.34213	.19926	.23830	2.5614	.21219

#1	2260.1	26204.	3262.2	62.471	2019.1
#2	2275.6	26103.	3261.9	62.558	2027.5
#3	2267.9	26175.	3275.5	65.329	2022.0

Sample Name: LR CHECK 2 Acquired: 1/18/2019 14:15:35 Type: Unk
Method: P4-ICP2(v2754) 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	-.00442	-.00347	F 254.34	-.00295	-.05315	122.17	90.514
Stddev	.00507	.00138	1.27	.00988	.00099	.88	1.179
%RSD	114.61	39.670	.49779	335.00	1.8535	.71775	1.3029

#1	.00112	-.00219	254.61	-.00390	-.05281	122.58	90.260
#2	-.00882	-.00329	252.96	-.01232	-.05426	122.77	89.482
#3	-.00557	-.00493	255.45	.00737	-.05238	121.17	91.799

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.01240	154.09	-.12563	-.00992	229.48	77.893
Stddev	.00006	.00014	1.14	.00046	.00012	1.56	1.931
%RSD	1.8798	1.1607	.73822	.36245	1.1694	.68081	2.4794

#1	-.00305	-.01252	154.66	-.12575	-.00982	230.92	78.999
#2	-.00295	-.01224	152.78	-.12513	-.01005	229.69	75.663
#3	-.00296	-.01244	154.83	-.12602	-.00989	227.82	79.018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.358	164.80	47.359	.00264	169.32	-.16522	F 37.724
Stddev	.268	1.46	.213	.00087	.87	.00050	1.261
%RSD	.61774	.88568	.44900	33.104	.51350	.29994	3.3433

#1	43.639	166.25	47.444	.00356	169.85	-.16519	38.606
#2	43.330	163.33	47.117	.00255	168.32	-.16573	36.279
#3	43.105	164.84	47.516	.00182	169.79	-.16474	38.286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.029	.00154	.00324	.44766	.11991	.01152	.01585
Stddev	.386	.00011	.00613	.00109	.00187	.00107	.00044
%RSD	.60242	6.9144	188.97	.24254	1.5609	9.2999	2.8062

#1	64.308	.00143	.01032	.44668	.12182	.01274	.01587
#2	63.589	.00156	-.00062	.44747	.11982	.01110	.01628
#3	64.189	.00164	.00004	.44883	.11808	.01073	.01539

Sample Name: LR CHECK 2 Acquired: 1/18/2019 14:15:35 Type: Unk
 Method: P4-ICP2(v2754) 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	.00980	.3179	-.08314	6.1810	F<.00000
Stddev	.00072	.0081	.00218	.1721	.42761
%RSD	7.3083	2.535	2.6220	2.7851	1.2574

#1	.01010	.3253	-.08436	6.3797	-34.113
#2	.00898	.3093	-.08062	6.0779	-33.538
#3	.01031	.3192	-.08444	6.0853	-34.374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.9	33953.	3636.5	73.945	2782.6
Stddev	4.9	149.	38.9	2.054	19.7
%RSD	.25169	.43853	1.0687	2.7776	.70633

#1	1949.4	33806.	3625.1	72.560	2776.9
#2	1956.5	33950.	3679.8	76.304	2804.4
#3	1958.9	34103.	3604.6	72.969	2766.3

Sample Name: K1153-01 Acquired: 1/18/2019 14:20:45 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09386	-.00638	.25086	-.02491	-.00204	76.878	.69183
Stddev	.00526	.00098	.00252	.00226	.00121	.164	.00138
%RSD	5.5992	15.386	1.0034	9.0860	59.417	.21373	.19942

#1	.09008	-.00716	.25364	-.02235	-.00245	76.700	.69068
#2	.09986	-.00528	.25021	-.02576	-.00300	76.909	.69146
#3	.09163	-.00670	.24874	-.02663	-.00068	77.024	.69336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00842	56.670	.15356	.08202	.37684	183.54
Stddev	.00018	.00003	.137	.00098	.00037	.00184	2.41
%RSD	13.818	.38108	.24234	.63881	.44738	.48784	1.3109

#1	.00140	.00839	56.517	.15323	.08178	.37608	186.28
#2	.00110	.00845	56.708	.15278	.08244	.37893	181.78
#3	.00142	.00843	56.783	.15466	.08183	.37550	182.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8661	28.604	.13327	-.00555	4.0015	.18730	.59933
Stddev	.0095	.155	.00106	.00040	.0061	.00018	.00852
%RSD	.24591	.54034	.79340	7.2066	.15278	.09423	1.4218

#1	3.8555	28.440	.13228	-.00524	3.9995	.18713	.60850
#2	3.8739	28.627	.13438	-.00542	4.0083	.18729	.59165
#3	3.8689	28.747	.13314	-.00600	3.9966	.18748	.59783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3628	.00071	.03526	1.2239	2.1283	.01353	1.4680
Stddev	.0379	.00021	.00764	.0011	.0298	.00042	.0076
%RSD	.40525	29.950	21.662	.08930	1.4009	3.0910	.52018

#1	9.3660	.00047	.04405	1.2248	2.0968	.01385	1.4736
#2	9.3991	.00088	.03025	1.2241	2.1321	.01370	1.4710
#3	9.3234	.00078	.03148	1.2227	2.1561	.01306	1.4593

Sample Name: K1153-01 Acquired: 1/18/2019 14:20:45 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13894	6.946	.01089	1.7695	F<.00000
Stddev	.00070	.005	.00344	.0884	.68265
%RSD	.50112	.0692	31.533	4.9984	.46945

#1	.13815	6.941	.00697	1.8550	-145.06
#2	.13920	6.948	.01337	1.7750	-144.98
#3	.13946	6.951	.01234	1.6784	-146.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.7	41465.	4266.7	80.686	3245.0
Stddev	5.8	55.	8.5	1.174	12.8
%RSD	.17007	.13260	.19826	1.4545	.39390

#1	3404.0	41487.	4275.2	79.353	3237.5
#2	3401.0	41506.	4266.5	81.563	3237.7
#3	3412.2	41402.	4258.3	81.143	3259.7

Sample Name: K1153-01DUP Acquired: 1/18/2019 14:24:57 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09119	-.00670	.24050	-.02858	-.00136	75.663	.68858
Stddev	.00066	.00217	.00212	.00305	.00061	.354	.00407
%RSD	.71947	32.368	.88147	10.665	44.936	.46852	.59144

#1	.09152	-.00643	.24059	-.02564	-.00190	75.432	.68447
#2	.09043	-.00468	.23834	-.03172	-.00147	76.072	.69261
#3	.09160	-.00899	.24258	-.02838	-.00070	75.487	.68865

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00842	56.170	.14895	.08007	.36909	180.84
Stddev	.00020	.00013	.350	.00050	.00020	.00108	3.70
%RSD	14.592	1.5282	.62367	.33694	.24866	.29289	2.0434

#1	.00152	.00848	55.870	.14863	.07985	.36854	182.68
#2	.00149	.00828	56.555	.14953	.08013	.36839	183.25
#3	.00116	.00851	56.086	.14869	.08023	.37034	176.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8408	28.711	.13332	-.00501	3.8674	.18534	.59442
Stddev	.0086	.180	.00021	.00080	.0145	.00174	.00999
%RSD	.22503	.62832	.16102	15.890	.37481	.93907	1.6808

#1	3.8396	28.670	.13329	-.00542	3.8768	.18394	.59996
#2	3.8500	28.908	.13312	-.00410	3.8748	.18729	.60042
#3	3.8329	28.554	.13355	-.00553	3.8507	.18479	.58289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2655	.00066	.05161	1.3018	2.0365	.01361	1.4913
Stddev	.0423	.00005	.01174	.0039	.0215	.00054	.0029
%RSD	.45595	8.0424	22.745	.29958	1.0559	3.9983	.19561

#1	9.2251	.00070	.03805	1.3063	2.0133	.01384	1.4922
#2	9.3094	.00060	.05851	1.2996	2.0403	.01298	1.4937
#3	9.2621	.00067	.05826	1.2995	2.0558	.01399	1.4881

Sample Name: K1153-01DUP Acquired: 1/18/2019 14:24:57 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13510	6.940	.01938	1.5915	F<.00000
Stddev	.00044	.015	.00356	.0380	.24074
%RSD	.32675	.2122	18.385	2.3853	.16748

#1	.13467	6.957	.01800	1.6329	-143.96
#2	.13508	6.929	.01672	1.5833	-143.48
#3	.13555	6.935	.02343	1.5583	-143.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.5	41739.	4278.5	81.260	3235.3
Stddev	6.1	172.	21.1	1.523	8.9
%RSD	.18020	.41136	.49300	1.8737	.27634

#1	3404.9	41751.	4298.8	80.599	3228.4
#2	3394.4	41562.	4256.7	80.179	3232.0
#3	3405.1	41905.	4280.1	83.001	3245.4

Sample Name: K1153-01LX5 Acquired: 1/18/2019 14:29:08 Type: Unk
Method: P4-ICP2(v2754) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02180	-.00275	.07490	-.00900	.00018	17.115	.16107
Stddev	.00182	.00044	.00135	.00024	.00133	.096	.00025
%RSD	8.3326	15.955	1.8045	2.6383	747.70	.56341	.15450

#1	.01976	-.00314	.07645	-.00903	.00112	17.020	.16136
#2	.02240	-.00227	.07429	-.00874	.00076	17.213	.16089
#3	.02324	-.00282	.07396	-.00922	-.00135	17.114	.16097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00152	13.373	.03518	.01680	.09101	38.507
Stddev	.00009	.00007	.028	.00053	.00026	.00081	.318
%RSD	34.954	4.5691	.21195	1.5144	1.5520	.89068	.82564

#1	.00018	.00160	13.393	.03562	.01705	.09114	38.354
#2	.00023	.00146	13.386	.03459	.01683	.09175	38.295
#3	.00035	.00150	13.341	.03533	.01653	.09015	38.873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91575	6.7942	.02715	-.00128	1.0071	.04265	.12853
Stddev	.00194	.0474	.00031	.00043	.0160	.00026	.00214
%RSD	.21173	.69814	1.1292	33.290	1.5927	.59886	1.6617

#1	.91482	6.8125	.02681	-.00178	1.0251	.04252	.12969
#2	.91445	6.8297	.02724	-.00102	.99439	.04248	.12606
#3	.91798	6.7403	.02740	-.00106	1.0017	.04294	.12983

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3729	.00018	.00722	.26140	.48483	.00211	.34579
Stddev	.0158	.00010	.00137	.00311	.00342	.00030	.00421
%RSD	.66752	54.640	18.995	1.1888	.70525	14.150	1.2188

#1	2.3598	.00016	.00770	.26421	.48867	.00190	.34890
#2	2.3684	.00010	.00567	.26194	.48214	.00197	.34747
#3	2.3905	.00029	.00828	.25806	.48366	.00245	.34099

Sample Name: K1153-01LX5 Acquired: 1/18/2019 14:29:08 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03394	1.427	.00788	3.0713	F<.00000
Stddev	.00081	.007	.00024	.1484	.55409
%RSD	2.3865	.4726	3.0491	4.8328	3.3001

#1	.03344	1.423	.00793	2.9001	-16.155
#2	.03349	1.435	.00809	3.1642	-17.177
#3	.03487	1.423	.00762	3.1495	-17.038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.5	38606.	3794.2	81.556	3448.3
Stddev	17.3	85.	21.2	1.325	7.7
%RSD	.54463	.21988	.55793	1.6245	.22212

#1	3169.0	38704.	3773.4	80.950	3444.3
#2	3152.5	38549.	3815.7	83.075	3443.5
#3	3187.1	38566.	3793.5	80.642	3457.2

Sample Name: K1153-01MS Acquired: 1/18/2019 14:33:27 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78881	1.9292	1.2643	1.6659	.18372	88.407	.89690
Stddev	.00296	.0053	.0023	.0070	.00067	.502	.01172
%RSD	.37549	.27635	.17864	.42261	.36239	.56832	1.3067

#1	.78776	1.9257	1.2634	1.6662	.18449	88.278	.90245
#2	.79215	1.9267	1.2626	1.6728	.18331	88.961	.90482
#3	.78652	1.9354	1.2668	1.6588	.18336	87.981	.88344

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18694	.20151	68.876	.52691	.27711	.60390	161.87
Stddev	.00084	.00036	.410	.00122	.00077	.00081	1.35
%RSD	.44777	.17665	.59515	.23240	.27907	.13341	.83148

#1	.18790	.20144	69.048	.52584	.27703	.60337	160.35
#2	.18641	.20119	69.173	.52825	.27637	.60482	162.91
#3	.18650	.20189	68.408	.52666	.27792	.60350	162.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2664	32.815	.62141	.06282	6.1131	.43510	.81626
Stddev	.0039	.224	.00055	.00107	.0629	.00094	.00424
%RSD	.09087	.68168	.08924	1.7036	1.0288	.21579	.51957

#1	4.2683	32.927	.62081	.06211	6.1404	.43601	.81368
#2	4.2690	32.961	.62191	.06230	6.1578	.43514	.82115
#3	4.2620	32.558	.62152	.06405	6.0412	.43414	.81394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.208	.32600	.25816	F 12.440	4.6574	.66948	1.6763
Stddev	.218	.00099	.01140	.058	.0160	.00243	.0053
%RSD	1.1340	.30413	4.4161	.46568	.34458	.36282	.31558

#1	19.249	.32625	.26240	12.426	4.6694	.66679	1.6702
#2	19.403	.32684	.24525	12.391	4.6635	.67152	1.6792
#3	18.973	.32490	.26683	12.504	4.6392	.67012	1.6796

Sample Name: K1153-01MS Acquired: 1/18/2019 14:33:27 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32968	F 12.30	.31033	2.0608	F<.00000
Stddev	.00250	.05	.00394	.0191	1.2450
%RSD	.75831	.4302	1.2709	.92858	.96140
#1	.33021	12.29	.31305	2.0477	-128.48
#2	.33187	12.25	.31212	2.0520	-130.89
#3	.32695	12.36	.30580	2.0828	-129.13
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.4	40893.	4169.4	82.061	3218.7
Stddev	.9	93.	35.9	.339	10.9
%RSD	.02626	.22703	.86112	.41266	.33954
#1	3356.9	40822.	4134.8	82.318	3220.7
#2	3355.4	40858.	4166.7	81.677	3228.5
#3	3357.0	40998.	4206.5	82.187	3206.9

Sample Name: K1153-01MSD Acquired: 1/18/2019 14:37:27 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78321	1.9288	1.2586	1.6595	.18309	88.003	.89127
Stddev	.00058	.0078	.0041	.0063	.00373	1.079	.00699
%RSD	.07397	.40612	.32353	.38137	2.0376	1.2262	.78445

#1	.78254	1.9215	1.2632	1.6530	.17969	86.771	.89001
#2	.78357	1.9371	1.2554	1.6600	.18251	88.456	.89880
#3	.78352	1.9278	1.2572	1.6656	.18708	88.781	.88499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18625	.20101	68.468	.52839	.27642	.60501	158.38
Stddev	.00029	.00027	.436	.00070	.00064	.00164	1.98
%RSD	.15393	.13663	.63721	.13340	.23237	.27045	1.2531

#1	.18593	.20099	68.187	.52783	.27709	.60360	156.28
#2	.18648	.20130	68.970	.52918	.27637	.60680	158.63
#3	.18634	.20075	68.246	.52816	.27581	.60463	160.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2561	32.520	.62126	.06144	6.0177	.43676	.79358
Stddev	.0091	.224	.00239	.00053	.0215	.00227	.00614
%RSD	.21305	.68829	.38445	.86878	.35725	.51876	.77377

#1	4.2470	32.740	.62283	.06097	6.0388	.43564	.79348
#2	4.2651	32.527	.62244	.06133	6.0184	.43527	.78749
#3	4.2562	32.293	.61851	.06202	5.9959	.43937	.79977

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.052	.32513	.24159	F 12.671	4.6434	.66878	1.6709
Stddev	.090	.00154	.00693	.035	.0508	.00263	.0024
%RSD	.47200	.47236	2.8670	.27900	1.0936	.39318	.14528

#1	19.125	.32336	.24777	12.636	4.7018	.66857	1.6681
#2	19.080	.32597	.23410	12.670	4.6184	.66627	1.6726
#3	18.952	.32606	.24289	12.706	4.6100	.67151	1.6719

Sample Name: K1153-01MSD Acquired: 1/18/2019 14:37:27 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32917	F 12.29	.31298	2.1043	F<.00000
Stddev	.00197	.01	.00371	.1652	.68972
%RSD	.59822	.1044	1.1851	7.8523	.52593
#1	.33017	12.28	.31332	1.9180	-131.80
#2	.32690	12.31	.31651	2.2329	-130.43
#3	.33044	12.29	.30911	2.1621	-131.20
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.9	40972.	4193.1	84.004	3212.0
Stddev	5.1	175.	38.9	.563	8.5
%RSD	.15100	.42609	.92856	.67018	.26571
#1	3355.6	41145.	4152.5	83.941	3202.8
#2	3347.0	40974.	4196.7	84.595	3213.6
#3	3356.0	40796.	4230.1	83.475	3219.7

Sample Name: K1153-01A Acquired: 1/18/2019 14:41:28 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78633	1.9160	1.2474	1.6523	.18066	87.724	.88294
Stddev	.00480	.0111	.0050	.0040	.00087	.349	.00365
%RSD	.61058	.57952	.40241	.24168	.48174	.39768	.41344

#1	.78738	1.9148	1.2434	1.6529	.18017	87.327	.88706
#2	.78109	1.9055	1.2459	1.6480	.18015	87.866	.88011
#3	.79052	1.9277	1.2531	1.6560	.18166	87.979	.88165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18499	.19966	68.626	.52773	.27491	.60065	162.72
Stddev	.00034	.00109	.246	.00022	.00164	.00457	1.74
%RSD	.18263	.54771	.35876	.04239	.59633	.76167	1.0717

#1	.18530	.19955	68.463	.52792	.27364	.60093	162.98
#2	.18503	.19863	68.507	.52748	.27433	.59594	164.33
#3	.18463	.20081	68.910	.52778	.27676	.60507	160.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2292	32.305	.61655	.06200	5.9855	.43444	.81208
Stddev	.0102	.156	.00453	.00025	.0532	.00184	.01449
%RSD	.24045	.48203	.73465	.39599	.88845	.42308	1.7839

#1	4.2332	32.224	.61561	.06181	6.0260	.43255	.82121
#2	4.2367	32.485	.61256	.06228	6.0052	.43455	.81964
#3	4.2176	32.207	.62147	.06191	5.9253	.43622	.79537

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.967	.32363	.25901	F 12.616	4.5784	.66444	1.6592
Stddev	.018	.00138	.00800	.062	.0436	.00500	.0096
%RSD	.09685	.42557	3.0870	.49112	.95294	.75197	.58072

#1	18.982	.32308	.25529	12.605	4.6222	.66371	1.6597
#2	18.972	.32261	.26819	12.561	4.5781	.65985	1.6494
#3	18.946	.32519	.25356	12.683	4.5349	.66976	1.6686

Sample Name: K1153-01A Acquired: 1/18/2019 14:41:28 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7886 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32540	F 12.17	.30702	2.2244	F<.00000
Stddev	.00057	.05	.00305	.0383	1.1778
%RSD	.17459	.3837	.99467	1.7201	.89443

#1	.32559	12.13	.30599	2.2685	-130.70
#2	.32584	12.15	.30461	2.1999	-131.35
#3	.32476	12.22	.31045	2.2048	-132.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.6	41016.	4195.5	81.880	3235.4
Stddev	16.3	82.	19.2	1.316	12.2
%RSD	.48312	.19941	.45842	1.6073	.37557

#1	3372.5	40941.	4173.9	81.116	3242.9
#2	3373.5	41005.	4201.7	81.124	3241.9
#3	3344.9	41103.	4210.8	83.400	3221.4

Sample Name: CCV03 Acquired: 1/18/2019 15:34:30 Type: Unk
Method: P4-ICP2(v2754) 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	5.0293	4.7232	5.0001	4.9250	4.9313	9.9050	9.1587	.24881
Stddev	.0192	.0103	.0076	.0033	.0055	.0528	.0262	.00069
%RSD	.38143	.21826	.15268	.06738	.11240	.53309	.28637	.27538
#1	5.0473	4.7268	5.0033	4.9256	4.9374	9.9525	9.1425	.24959
#2	5.0316	4.7312	5.0056	4.9280	4.9297	9.9143	9.1447	.24831
#3	5.0091	4.7116	4.9914	4.9215	4.9266	9.8481	9.1890	.24854
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3979	23.199	1.0155	2.4572	1.2134	5.3203	2.4731	26.899
Stddev	.0032	.138	.0016	.0029	.0033	.0959	.0031	.219
%RSD	.13398	.59610	.15315	.11721	.27133	1.8020	.12549	.81477
#1	2.4001	23.040	1.0152	2.4604	1.2157	5.3612	2.4753	26.648
#2	2.3993	23.293	1.0172	2.4563	1.2149	5.3890	2.4696	27.056
#3	2.3942	23.264	1.0141	2.4549	1.2096	5.2108	2.4745	26.991
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3261	1.3039	26.613	2.3661	2.7014	23.140	4.7527	F 4.2655
Stddev	.0061	.0028	.065	.0029	.0414	.073	.0136	.0191
%RSD	.26354	.21515	.24393	.12358	1.5332	.31513	.28537	.44841
#1	2.3310	1.3067	26.565	2.3632	2.7201	23.065	4.7657	4.2482
#2	2.3280	1.3039	26.586	2.3661	2.7302	23.146	4.7537	4.2622
#3	2.3192	1.3011	26.687	2.3691	2.6539	23.211	4.7386	4.2860
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6648	4.7304	4.8628	4.7724	4.5130	4.838	4.8282	5.0065
Stddev	.0047	.0223	.0069	.0153	.0209	.019	.0189	.0723
%RSD	.10137	.47080	.14219	.32024	.46350	.3923	.39166	1.4439
#1	4.6617	4.7107	4.8694	4.7559	4.5047	4.853	4.8183	5.0578
#2	4.6703	4.7259	4.8634	4.7861	4.4975	4.843	4.8164	5.0379
#3	4.6625	4.7546	4.8556	4.7751	4.5368	4.816	4.8500	4.9238

Sample Name: CCV03 Acquired: 1/18/2019 15:34:30 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.6724
 Stddev .5945
 %RSD 16.188

#1 4.2833
 #2 3.0958
 #3 3.6380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.0	36238.	3758.9	78.756	3212.7
Stddev	13.3	46.	15.1	1.332	12.6
%RSD	.44226	.12604	.40200	1.6914	.39065

#1	2993.3	36188.	3770.0	78.033	3201.9
#2	3004.9	36249.	3765.0	77.941	3209.8
#3	3019.8	36277.	3741.7	80.293	3226.5

Sample Name: CCB03 Acquired: 1/18/2019 15:38:29 Type: Unk
Method: P4-ICP2(v2754) 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	.00232	.00020	.00284	-.00051	.00236	-.01013	-.00242	.00004
Stddev	.00119	.00089	.00120	.00132	.00130	.00539	.00048	.00006
%RSD	51.223	453.76	42.076	257.25	54.941	53.163	19.721	140.83
#1	.00326	-.00077	.00418	-.00114	.00296	-.01269	-.00293	.00011
#2	.00272	.00097	.00245	.00101	.00087	-.01376	-.00199	.00002
#3	.00098	.00038	.00189	-.00141	.00325	-.00394	-.00234	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00746	.00044	-.00003	-.00051	.00698	.00001	.01531
Stddev	.00009	.01173	.00010	.00010	.00023	.00852	.00001	.00470
%RSD	115.07	157.16	21.584	348.86	45.050	122.04	111.78	30.699
#1	.00016	-.00947	.00033	-.00002	-.00078	.00247	.00002	.02069
#2	-.00001	-.01806	.00051	.00007	-.00040	.01680	.00000	.01199
#3	.00008	.00514	.00049	-.00013	-.00036	.00166	.00000	.01326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00078	.11372	.00002	-.00530	.34075	.00026	.00690
Stddev	.00051	.00044	.01202	.00021	.00003	.03317	.00001	.00401
%RSD	434.59	56.588	10.566	893.66	.56302	9.7341	4.7535	58.075
#1	.00071	.00044	.12712	.00015	-.00529	.37890	.00028	.00465
#2	-.00015	.00128	.11015	.00013	-.00527	.32458	.00027	.01153
#3	-.00020	.00062	.10390	-.00022	-.00533	.31877	.00025	.00453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00370	.00062	.00339	.00350	-.0011	.00012	F 3.3934
Stddev	.00163	.00111	.00088	.00236	.00111	.0008	.00010	.1889
%RSD	3563.5	29.995	142.37	69.577	31.717	71.80	87.626	5.5655
#1	.00123	.00457	.00154	.00230	.00266	-.0011	.00015	3.2112
#2	-.00182	.00407	.00051	.00609	.00476	-.0019	.00020	3.5883
#3	.00072	.00245	-.00021	.00177	.00308	-.0003	.00000	3.3806

Sample Name: CCB03 Acquired: 1/18/2019 15:38:29 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8683
Stddev	1.1457
%RSD	61.320

#1	3.1865
#2	1.1126
#3	1.3059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.5	38409.	3801.0	83.908	3616.1
Stddev	7.7	65.	5.8	1.116	14.4
%RSD	.24588	.16911	.15314	1.3299	.39703

#1	3128.6	38419.	3795.6	82.700	3599.9
#2	3142.0	38340.	3800.3	84.125	3620.9
#3	3141.9	38469.	3807.2	84.900	3627.4

Sample Name: K1167-05 Acquired: 1/18/2019 15:42:57 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-SOUTH-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44545	-.01604	1.7821	-.05949	-.00051	152.82	1.0870
Stddev	.00219	.00081	.0009	.00219	.00340	.32	.0041
%RSD	.49072	5.0784	.05108	3.6733	670.35	.21138	.37940

#1	.44701	-.01585	1.7817	-.05697	.00341	152.53	1.0906
#2	.44638	-.01534	1.7815	-.06066	-.00234	153.17	1.0878
#3	.44295	-.01693	1.7832	-.06084	-.00259	152.76	1.0825

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.02412	43.843	.29344	.16785	.67985	380.19
Stddev	.00021	.00015	.163	.00106	.00078	.00195	7.71
%RSD	7.7169	.62157	.37103	.35956	.46517	.28735	2.0279

#1	.00287	.02398	43.999	.29361	.16711	.68120	384.00
#2	.00246	.02410	43.854	.29439	.16867	.67761	385.25
#3	.00268	.02428	43.675	.29230	.16778	.68073	371.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6918	50.808	.57404	-.00909	1.3576	.39577	2.1410
Stddev	.0124	.237	.00087	.00100	.0076	.00090	.0482
%RSD	.21786	.46650	.15130	10.975	.56181	.22664	2.2499

#1	5.6820	50.845	.57333	-.00884	1.3557	.39654	2.1690
#2	5.6876	51.025	.57501	-.00824	1.3659	.39479	2.1687
#3	5.7057	50.555	.57377	-.01019	1.3510	.39597	2.0854

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.108	.00758	.08557	4.6751	2.6152	.14327	3.7012
Stddev	.064	.00084	.00658	.0097	.0186	.00116	.0073
%RSD	.39708	11.075	7.6894	.20635	.71032	.81119	.19763

#1	16.156	.00735	.08764	4.6800	2.6322	.14331	3.6928
#2	16.133	.00850	.09087	4.6813	2.6180	.14442	3.7050
#3	16.036	.00687	.07821	4.6639	2.5954	.14210	3.7058

Sample Name: K1167-05 Acquired: 1/18/2019 15:42:57 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-SOUTH-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19864	8.353	-.18499	.03301	F<.00000
Stddev	.00211	.018	.01006	.18929	1.6051
%RSD	1.0625	.2190	5.4382	573.48	.39523

#1	.19638	8.355	-.18934	.12890	-406.65
#2	.19897	8.334	-.19214	.15516	-404.33
#3	.20056	8.370	-.17348	-.18504	-407.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.5	43204.	4623.3	81.354	3154.3
Stddev	3.5	95.	32.5	1.736	4.7
%RSD	.09944	.21978	.70289	2.1342	.14888

#1	3526.7	43121.	4590.4	80.334	3159.2
#2	3524.2	43184.	4624.0	80.368	3149.9
#3	3519.8	43307.	4655.4	83.358	3153.8

Sample Name: K1167-01 Acquired: 1/18/2019 15:47:23 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-NORTH-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12201	-.03837	.39790	-.03818	-.00061	146.70	.61317
Stddev	.00082	.00216	.00172	.00197	.00105	.85	.00413
%RSD	.67310	5.6224	.43261	5.1677	171.58	.57840	.67342

#1	.12107	-.04003	.39787	-.03669	-.00016	145.96	.61764
#2	.12235	-.03593	.39963	-.04042	-.00181	147.63	.61236
#3	.12260	-.03915	.39619	-.03744	.00014	146.53	.60950

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	.01234	20.984	.24330	.12349	.32446	248.95
Stddev	.00009	.00023	.098	.00068	.00028	.00140	.87
%RSD	1.8412	1.8580	.46898	.28048	.22573	.43188	.35142

#1	.00494	.01248	21.096	.24408	.12329	.32519	248.62
#2	.00507	.01207	20.911	.24284	.12338	.32534	248.30
#3	.00490	.01246	20.945	.24297	.12381	.32284	249.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4399	54.051	.20041	-.00816	1.2382	.33308	2.0975
Stddev	.0054	.388	.00054	.00058	.0141	.00071	.0127
%RSD	.12230	.71863	.26756	7.1201	1.1375	.21217	.60482

#1	4.4342	54.497	.20076	-.00882	1.2544	.33386	2.1087
#2	4.4450	53.790	.19979	-.00791	1.2295	.33249	2.0837
#3	4.4406	53.865	.20067	-.00775	1.2307	.33290	2.1001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.967	.00048	.07971	.62733	4.0859	.02307	6.1531
Stddev	.106	.00032	.00331	.00437	.0810	.00144	.0039
%RSD	.52956	65.401	4.1563	.69709	1.9838	6.2221	.06397

#1	20.088	.00084	.08194	.62915	4.1784	.02253	6.1517
#2	19.895	.00025	.08130	.62234	4.0273	.02470	6.1576
#3	19.917	.00036	.07591	.63050	4.0519	.02198	6.1501

Sample Name: K1167-01 Acquired: 1/18/2019 15:47:23 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JDHS-NORTH-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20851	7.659	-.15085	<.00000	F<.00000
Stddev	.00077	.020	.00132	.08786	2.7721
%RSD	.36894	.2664	.87806	49.360	1.1571
#1	.20773	7.683	-.15036	-.07786	-241.41
#2	.20852	7.646	-.14984	-.21398	-236.39
#3	.20927	7.648	-.15235	-.24217	-240.93
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.0	44916.	4755.3	80.993	3208.6
Stddev	10.8	77.	47.8	.631	8.6
%RSD	.29373	.17052	1.0051	.77931	.26917
#1	3669.9	44984.	4702.0	80.436	3203.1
#2	3690.9	44833.	4794.2	81.679	3218.6
#3	3685.0	44931.	4769.9	80.864	3204.2

Sample Name: K1167-03 Acquired: 1/18/2019 15:51:41 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23179	-.01480	5.3533	-.05442	.00484	149.69	4.2497
Stddev	.00322	.00078	.0174	.00358	.00340	.70	.0036
%RSD	1.3902	5.2855	.32557	6.5701	70.361	.46988	.08438

#1	.23131	-.01447	5.3465	-.05157	.00813	150.48	4.2481
#2	.23523	-.01570	5.3731	-.05843	.00134	149.15	4.2538
#3	.22884	-.01424	5.3403	-.05327	.00504	149.44	4.2473

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	.02782	213.04	.30306	.12425	.85066	333.17
Stddev	.00029	.00021	.47	.00118	.00026	.00221	3.25
%RSD	10.762	.75382	.22074	.39058	.20744	.26016	.97402

#1	.00264	.02758	212.94	.30379	.12399	.85321	336.73
#2	.00295	.02789	213.55	.30170	.12425	.84921	332.41
#3	.00238	.02798	212.63	.30370	.12450	.84956	330.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5766	42.312	.44964	-.00905	1.1986	.76463	5.4955
Stddev	.0057	.243	.00094	.00044	.0161	.00200	.0439
%RSD	.12504	.57474	.20987	4.9051	1.3450	.26092	.79930

#1	4.5820	42.041	.45027	-.00870	1.1952	.76629	5.5455
#2	4.5706	42.509	.45009	-.00890	1.1845	.76242	5.4778
#3	4.5771	42.387	.44855	-.00955	1.2162	.76517	5.4632

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.852	.00721	.06356	4.6128	2.8993	.30441	3.4369
Stddev	.051	.00032	.01295	.0154	.0100	.00156	.0117
%RSD	.43452	4.3863	20.378	.33426	.34536	.51233	.33959

#1	11.797	.00702	.07777	4.5950	2.9056	.30533	3.4260
#2	11.858	.00758	.05241	4.6223	2.8877	.30530	3.4354
#3	11.899	.00704	.06050	4.6211	2.9045	.30261	3.4492

Sample Name: K1167-03 Acquired: 1/18/2019 15:51:41 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18302	F 10.11	.35504	.98733	F<.00000
Stddev	.00186	.03	.00369	.15383	1.2253
%RSD	1.0186	.2595	1.0402	15.581	.36251

#1	.18088	10.11	.35086	.99726	-339.41
#2	.18386	10.14	.35640	.82877	-337.48
#3	.18432	10.09	.35786	1.1359	-337.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.8	41759.	4535.9	81.411	3095.1
Stddev	7.2	155.	5.1	.627	6.4
%RSD	.21102	.37055	.11350	.77012	.20564

#1	3419.3	41601.	4541.8	80.688	3100.4
#2	3408.7	41910.	4533.5	81.745	3088.1
#3	3422.4	41767.	4532.5	81.800	3096.8

Sample Name: K1167-07 Acquired: 1/18/2019 15:55:58 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58517	-.01267	2.2041	-.06863	.00257	120.93	1.0872
Stddev	.00227	.00148	.0172	.00334	.00151	.88	.0047
%RSD	.38824	11.705	.77906	4.8685	58.733	.73144	.43258

#1	.58575	-.01296	2.1925	-.06877	.00237	119.91	1.0880
#2	.58709	-.01398	2.2238	-.06522	.00416	121.43	1.0915
#3	.58266	-.01106	2.1960	-.07189	.00117	121.46	1.0822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.03116	61.414	.28618	.14415	.97153	379.26
Stddev	.00021	.00051	.344	.00061	.00046	.00189	4.47
%RSD	14.529	1.6317	.56080	.21331	.31862	.19463	1.1783

#1	.00118	.03059	61.398	.28548	.14368	.96972	383.59
#2	.00153	.03159	61.766	.28661	.14460	.97349	374.66
#3	.00154	.03128	61.078	.28645	.14417	.97136	379.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8653	54.594	.49521	-.00987	1.5928	.39519	2.2398
Stddev	.0049	.496	.00311	.00156	.0064	.00107	.0424
%RSD	.12545	.90845	.62807	15.822	.40012	.27201	1.8938

#1	3.8676	54.795	.49480	-.00860	1.5882	.39569	2.2802
#2	3.8597	54.957	.49850	-.01161	1.6001	.39395	2.1956
#3	3.8686	54.029	.49232	-.00939	1.5901	.39592	2.2435

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.883	.01240	.05856	4.7703	2.2463	.18979	3.3324
Stddev	.074	.00053	.00715	.0258	.0155	.00023	.0154
%RSD	.43742	4.2683	12.201	.54037	.68986	.12339	.46333

#1	16.910	.01266	.06216	4.7766	2.2603	.18990	3.3256
#2	16.939	.01276	.05033	4.7923	2.2490	.18995	3.3215
#3	16.799	.01180	.06319	4.7419	2.2297	.18952	3.3500

Sample Name: K1167-07 Acquired: 1/18/2019 15:55:58 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17233	7.038	-.17909	.63181	F<.00000
Stddev	.00087	.042	.00517	.09851	1.1105
%RSD	.50466	.5909	2.8853	15.592	.27695
#1	.17145	7.020	-.18429	.59632	-400.60
#2	.17319	7.085	-.17396	.55596	-400.08
#3	.17236	7.008	-.17903	.74315	-402.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.7	41940.	4414.7	81.133	3169.0
Stddev	6.5	59.	32.7	1.611	16.7
%RSD	.19042	.14001	.74086	1.9853	.52826
#1	3396.7	41936.	4380.4	79.512	3182.1
#2	3390.2	42000.	4418.1	82.733	3150.1
#3	3403.1	41883.	4445.6	81.155	3174.7

Sample Name: K1167-09 Acquired: 1/18/2019 16:00:15 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58270	-.03002	5.4048	-.08113	.00287	109.95	1.5575
Stddev	.00409	.00007	.0186	.00023	.00159	.33	.0186
%RSD	.70249	.23736	.34430	.27738	55.576	.29888	1.1915

#1	.58094	-.02995	5.3981	-.08114	.00361	109.59	1.5658
#2	.57979	-.03010	5.3905	-.08090	.00395	110.23	1.5704
#3	.58738	-.03001	5.4259	-.08135	.00104	110.03	1.5362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	.03597	29.842	.28208	.08223	1.1025	459.72
Stddev	.00042	.00028	.167	.00162	.00081	.0020	8.22
%RSD	35.633	.77842	.55953	.57419	.97954	.18531	1.7874

#1	-.00096	.03585	30.019	.28056	.08132	1.1004	456.84
#2	-.00093	.03577	29.821	.28378	.08256	1.1044	468.99
#3	-.00168	.03629	29.687	.28190	.08283	1.1028	453.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1570	45.889	.27074	-.01583	1.9104	.49399	2.7947
Stddev	.0034	.851	.00058	.00076	.0224	.00288	.0686
%RSD	.15800	1.8547	.21341	4.8126	1.1739	.58380	2.4548

#1	2.1580	46.099	.27128	-.01629	1.9249	.49248	2.7882
#2	2.1599	46.616	.27083	-.01495	1.9217	.49732	2.8663
#3	2.1532	44.953	.27013	-.01624	1.8845	.49218	2.7296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.645	.02623	.04943	F 18.510	3.8588	.10262	6.7969
Stddev	.201	.00030	.01273	.051	.0561	.00037	.0244
%RSD	1.1394	1.1333	25.745	.27583	1.4540	.36153	.35950

#1	17.663	.02594	.04633	18.501	3.8663	.10221	6.8098
#2	17.836	.02653	.06342	18.464	3.9107	.10272	6.8123
#3	17.435	.02621	.03855	18.565	3.7992	.10293	6.7688

Sample Name: K1167-09 Acquired: 1/18/2019 16:00:15 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18017	6.471	-.14976	1.6567	F<.00000
Stddev	.00132	.024	.00788	.0792	1.4068
%RSD	.73437	.3657	5.2646	4.7819	.28236
#1	.18093	6.478	-.14451	1.5689	-497.11
#2	.18095	6.445	-.15883	1.7228	-497.81
#3	.17865	6.490	-.14594	1.6784	-499.82
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.9	39374.	4162.3	80.467	3219.3
Stddev	3.0	129.	47.9	1.860	8.2
%RSD	.09258	.32753	1.1516	2.3121	.25561
#1	3215.1	39351.	4133.9	80.566	3224.1
#2	3209.5	39259.	4135.3	78.558	3224.1
#3	3214.0	39513.	4217.6	82.275	3209.8

Sample Name: K1167-11 Acquired: 1/18/2019 16:04:30 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47252	-.02755	3.7318	-.08043	.00194	104.56	1.3113
Stddev	.00094	.00087	.0071	.00222	.00099	.54	.0040
%RSD	.19977	3.1638	.19002	2.7613	51.277	.51383	.30515

#1	.47152	-.02654	3.7383	-.08100	.00079	104.27	1.3159
#2	.47339	-.02806	3.7242	-.07798	.00247	105.18	1.3087
#3	.47265	-.02803	3.7329	-.08231	.00256	104.24	1.3094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00308	.02862	21.054	.24323	.07001	.84896	398.38
Stddev	.00043	.00007	.131	.00025	.00029	.00666	8.67
%RSD	14.023	.24552	.62116	.10232	.41192	.78470	2.1755

#1	-.00341	.02856	21.186	.24294	.06975	.85148	391.17
#2	-.00324	.02860	21.051	.24336	.06995	.84140	408.00
#3	-.00259	.02869	20.924	.24339	.07032	.85399	395.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8546	39.965	.21702	-.01835	1.7814	.47658	1.9838
Stddev	.0030	.197	.00113	.00028	.0127	.00286	.0380
%RSD	.16283	.49403	.51849	1.5123	.71536	.60025	1.9146

#1	1.8517	40.185	.21635	-.01830	1.7936	.47485	1.9508
#2	1.8577	39.907	.21832	-.01811	1.7825	.47988	2.0253
#3	1.8545	39.803	.21639	-.01865	1.7682	.47501	1.9752

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.031	.02516	.00127	F 15.407	1.9977	.08361	6.3781
Stddev	.121	.00034	.02785	.067	.0274	.00115	.0154
%RSD	.70868	1.3674	2198.5	.43434	1.3742	1.3725	.24099

#1	17.167	.02544	-.01154	15.411	2.0260	.08311	6.3957
#2	16.988	.02526	.03321	15.472	1.9958	.08492	6.3713
#3	16.938	.02477	-.01788	15.339	1.9712	.08280	6.3673

Sample Name: K1167-11 Acquired: 1/18/2019 16:04:30 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17357	5.894	-.13635	2.6458	F<.00000
Stddev	.00170	.018	.01000	.0987	3.7496
%RSD	.98212	.3113	7.3313	3.7300	.85716

#1	.17236	5.898	-.12684	2.6123	-433.60
#2	.17283	5.910	-.14677	2.5681	-441.09
#3	.17552	5.874	-.13544	2.7568	-437.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.5	38254.	4113.6	83.787	3257.5
Stddev	14.2	87.	22.1	1.434	10.3
%RSD	.45154	.22766	.53837	1.7113	.31615

#1	3134.1	38320.	4094.2	84.999	3246.0
#2	3157.8	38156.	4137.7	82.204	3260.6
#3	3132.5	38288.	4108.9	84.158	3265.9

Sample Name: K1153-01DLX10 Acquired: 1/18/2019 16:08:37 Type: Unk
Method: P4-ICP2(v2754) 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	.01203	-.00114	.03061	-.00467	-.00099	8.7958	.07692
Stddev	.00171	.00034	.00045	.00122	.00107	.0293	.00120
%RSD	14.209	29.969	1.4562	26.175	107.74	.33276	1.5599

#1	.01261	-.00131	.03112	-.00469	-.00138	8.8045	.07824
#2	.01010	-.00135	.03041	-.00344	-.00181	8.8198	.07591
#3	.01337	-.00074	.03029	-.00589	.00022	8.7632	.07659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00097	6.6641	.01829	.00829	.04594	18.710
Stddev	.00006	.00002	.0269	.00028	.00023	.00025	.423
%RSD	846.92	2.4049	.40323	1.5421	2.7928	.55404	2.2618

#1	.00005	.00094	6.6733	.01828	.00825	.04576	18.867
#2	-.00007	.00098	6.6338	.01858	.00809	.04583	18.231
#3	.00003	.00098	6.6851	.01802	.00854	.04623	19.032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46858	3.3194	.01374	-.00053	.44676	.02125	.05869
Stddev	.00038	.0883	.00039	.00009	.00319	.00025	.00186
%RSD	.08173	2.6597	2.8131	16.430	.71341	1.1914	3.1709

#1	.46819	3.2176	.01332	-.00061	.44386	.02154	.05917
#2	.46860	3.3653	.01381	-.00044	.44626	.02115	.05663
#3	.46896	3.3753	.01409	-.00053	.45017	.02106	.06026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4815	-.00004	.00129	.13051	.24870	.00078	.17504
Stddev	.0297	.00028	.00839	.00409	.00822	.00088	.00138
%RSD	2.0059	703.80	650.94	3.1369	3.3036	113.86	.78574

#1	1.5139	.00008	-.00783	.13110	.24056	.00042	.17362
#2	1.4555	-.00036	.00302	.13428	.24854	.00013	.17516
#3	1.4750	.00016	.00867	.12616	.25699	.00178	.17636

Sample Name: K1153-01DLX10 Acquired: 1/18/2019 16:08:37 Type: Unk
 Method: P4-ICP2(v2754) 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	.02099	.7096	.00507	3.1294	F<.00000
Stddev	.00125	.0019	.00052	.1734	.90717
%RSD	5.9565	.2735	10.231	5.5422	23.364
#1	.02101	.7074	.00489	3.3296	-4.8778
#2	.01973	.7113	.00565	3.0281	-3.1016
#3	.02223	.7100	.00466	3.0304	-3.6690
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.0	39158.	3983.3	87.469	3579.6
Stddev	12.7	65.	23.6	2.240	2.1
%RSD	.39604	.16652	.59257	2.5611	.05824
#1	3196.6	39084.	3977.2	86.333	3578.8
#2	3209.9	39183.	4009.3	90.050	3578.0
#3	3184.6	39207.	3963.2	86.025	3581.9

Sample Name: K1153-01DUPDLX10 Acquired: 1/18/2019 16:13:00 Type: Unk
Method: P4-ICP2(v2754) 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	.01066	-.00063	.02670	-.00709	-.00003	8.9349	.07817
Stddev	.00090	.00034	.00075	.00213	.00062	.0657	.00042
%RSD	8.4747	54.647	2.8128	29.974	2450.1	.73572	.53371

#1	.01075	-.00094	.02696	-.00646	.00005	8.9704	.07783
#2	.00971	-.00069	.02730	-.00535	.00055	8.8591	.07804
#3	.01151	-.00026	.02586	-.00946	-.00068	8.9753	.07863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00082	6.7744	.01861	.00806	.04534	19.330
Stddev	.00004	.00008	.0188	.00054	.00031	.00148	.272
%RSD	911.79	10.307	.27755	2.9272	3.8273	3.2740	1.4071

#1	-.00001	.00087	6.7547	.01921	.00831	.04612	19.451
#2	-.00004	.00072	6.7765	.01814	.00816	.04628	19.520
#3	.00004	.00086	6.7922	.01849	.00771	.04363	19.019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47487	3.3860	.01334	.00017	.44656	.02126	.06029
Stddev	.00023	.0436	.00035	.00024	.00761	.00012	.00176
%RSD	.04938	1.2887	2.6146	141.23	1.7032	.54963	2.9274

#1	.47469	3.4340	.01354	.00039	.43962	.02112	.06129
#2	.47513	3.3487	.01356	-.00009	.45469	.02134	.06132
#3	.47477	3.3754	.01294	.00021	.44537	.02132	.05825

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4265	.00017	.00485	.12857	.25225	.00101	.17845
Stddev	.0542	.00027	.00175	.00452	.00587	.00024	.00265
%RSD	3.8001	152.26	36.126	3.5177	2.3261	23.223	1.4863

#1	1.3868	.00028	.00628	.13183	.25070	.00094	.17597
#2	1.4045	-.00013	.00290	.13046	.25873	.00128	.18125
#3	1.4883	.00037	.00538	.12340	.24731	.00083	.17813

Sample Name: K1153-01DUPDLX10 Acquired: 1/18/2019 16:13:00 Type: Unk
Method: P4-ICP2(v2754) 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	.02087	.6972	.00481	3.2698	F<.00000
Stddev	.00133	.0223	.00028	.2602	.31164
%RSD	6.3706	3.197	5.7337	7.9572	7.3086

#1	.02222	.7135	.00476	3.4522	-3.9292
#2	.01956	.7062	.00456	2.9718	-4.3173
#3	.02083	.6718	.00511	3.3853	-4.5456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.7	38713.	3934.4	84.625	3614.5
Stddev	71.0	76.	26.6	1.484	84.7
%RSD	2.2017	.19696	.67514	1.7535	2.3428

#1	3178.0	38625.	3930.1	84.100	3560.9
#2	3185.5	38749.	3910.2	83.475	3570.4
#3	3304.5	38765.	3962.8	86.300	3712.1

Sample Name: K1153-01LDLX50 Acquired: 1/18/2019 16:17:22 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14476 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00550	-.00174	.00835	-.00455	-.00009	1.7751	.01214	.00003
Stddev	.00188	.00030	.00079	.00203	.00039	.0257	.00015	.00004
%RSD	34.111	17.417	9.4470	44.521	435.30	1.4505	1.2114	149.67

#1	.00761	-.00151	.00744	-.00227	.00034	1.7490	.01217	.00007
#2	.00489	-.00163	.00877	-.00522	-.00043	1.8004	.01227	-.00002
#3	.00401	-.00208	.00883	-.00615	-.00018	1.7758	.01198	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	1.3749	.00385	.00135	.00977	3.8825	.09742	.67503
Stddev	.00007	.0185	.00031	.00021	.00032	.0776	.00059	.03353
%RSD	21.660	1.3470	8.0403	15.634	3.2611	1.9984	.61031	4.9678

#1	.00027	1.3882	.00368	.00111	.00964	3.8556	.09772	.71313
#2	.00040	1.3827	.00367	.00152	.00955	3.8220	.09673	.66199
#3	.00029	1.3538	.00421	.00140	.01014	3.9700	.09780	.64998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	.00019	.10311	.00402	.00833	.59721	-.00009	-.00680
Stddev	.00028	.00032	.00658	.00008	.00028	.03635	.00005	.00434
%RSD	9.6671	168.66	6.3789	1.9330	3.3822	6.0865	58.408	63.845

#1	.00311	-.00011	.09617	.00411	.00840	.57591	-.00010	-.00497
#2	.00308	.00016	.10390	.00399	.00802	.57654	-.00014	-.00367
#3	.00261	.00052	.10926	.00396	.00858	.63918	-.00004	-.01176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02999	.04981	-.00022	.03586	.00896	.1394	.00099	3.2153
Stddev	.00175	.00342	.00082	.00185	.00048	.0014	.00006	.1439
%RSD	5.8257	6.8633	367.66	5.1620	5.3124	.9812	6.1413	4.4763

#1	.03007	.05222	-.00076	.03793	.00951	.1384	.00101	3.3728
#2	.02821	.04590	-.00062	.03530	.00871	.1389	.00105	3.1824
#3	.03170	.05131	.00072	.03436	.00867	.1410	.00093	3.0906

Sample Name: K1153-01LDLX50 Acquired: 1/18/2019 16:17:22 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14476 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4142
Stddev	.6954
%RSD	49.172

#1	1.0253
#2	1.0003
#3	2.2170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.1	38867.	3904.0	84.558	3624.2
Stddev	4.5	224.	29.1	1.438	15.0
%RSD	.14177	.57547	.74604	1.7005	.41386

#1	3166.7	38611.	3883.3	84.517	3629.4
#2	3170.9	38968.	3937.3	86.017	3635.9
#3	3175.7	39023.	3891.4	83.142	3607.3

Sample Name: K1153-01MSDLX10 Acquired: 1/18/2019 16:21:48 Type: Unk

Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CCB14476 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09233	.20106	.13384	.18955	.02057	9.9708	.09697
Stddev	.00306	.00097	.00114	.00195	.00155	.0758	.00011
%RSD	3.3095	.48034	.85139	1.0314	7.5373	.75979	.10857

#1	.08924	.20148	.13294	.18850	.01878	9.9121	.09700
#2	.09535	.19995	.13347	.18834	.02150	10.056	.09686
#3	.09241	.20173	.13512	.19180	.02143	9.9440	.09706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02114	.02042	7.8560	.06147	.02812	.07269	17.185
Stddev	.00018	.00007	.0205	.00040	.00015	.00077	.246
%RSD	.82905	.36329	.26137	.64898	.53808	1.0535	1.4290

#1	.02094	.02051	7.8770	.06186	.02813	.07352	17.333
#2	.02120	.02036	7.8359	.06106	.02827	.07256	17.320
#3	.02128	.02041	7.8550	.06149	.02797	.07201	16.901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50194	3.6941	.06214	.00754	.66913	.04873	.08341
Stddev	.00068	.0628	.00047	.00036	.00407	.00056	.00149
%RSD	.13584	1.6989	.74999	4.7303	.60841	1.1494	1.7911

#1	.50125	3.6527	.06197	.00714	.67057	.04886	.08502
#2	.50261	3.7663	.06179	.00780	.66454	.04812	.08313
#3	.50196	3.6632	.06267	.00770	.67229	.04922	.08207

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5035	.03666	.02781	.98347	.77966	.06750	.19781
Stddev	.0277	.00044	.00265	.00779	.01103	.00060	.00048
%RSD	1.1079	1.2102	9.5380	.79176	1.4151	.88303	.24304

#1	2.4903	.03659	.03001	.98198	.79016	.06697	.19759
#2	2.5353	.03625	.02486	.97654	.76816	.06739	.19748
#3	2.4848	.03713	.02855	.99190	.78066	.06815	.19836

Sample Name: K1153-01MSDLX10 Acquired: 1/18/2019 16:21:48 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14476 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04018	1.231	.03751	3.3549	F<.00000
Stddev	.00036	.002	.00028	.0437	.88928
%RSD	.89922	.1299	.73332	1.3034	53.507

#1	.04056	1.231	.03728	3.3780	-2.3184
#2	.04014	1.233	.03743	3.3045	-2.0177
#3	.03984	1.230	.03781	3.3823	-.64992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.1	38778.	3943.9	84.564	3539.2
Stddev	9.7	8.	34.7	1.466	14.1
%RSD	.30864	.02086	.87910	1.7335	.39705

#1	3149.9	38784.	3907.9	82.917	3537.0
#2	3160.0	38769.	3977.1	85.050	3554.2
#3	3140.5	38780.	3946.7	85.725	3526.3

Sample Name: CCV04 Acquired: 1/18/2019 16:34:50 Type: Unk
Method: P4-ICP2(v2754) 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	5.2217	4.8478	5.1951	5.0603	5.0645	10.235	9.5523	.25686
Stddev	.0139	.0003	.0108	.0159	.0032	.086	.0797	.00085
%RSD	.26697	.00708	.20713	.31520	.06365	.84069	.83398	.33080
#1	5.2282	4.8476	5.1978	5.0737	5.0634	10.173	9.6296	.25784
#2	5.2313	4.8477	5.1833	5.0426	5.0682	10.334	9.4705	.25635
#3	5.2057	4.8482	5.2043	5.0646	5.0620	10.199	9.5567	.25639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4703	23.689	1.0406	2.5363	1.2548	5.1831	2.5594	25.730
Stddev	.0032	.099	.0018	.0017	.0030	.0882	.0021	.048
%RSD	.13172	.41712	.16805	.06629	.23602	1.7020	.08140	.18563
#1	2.4741	23.632	1.0415	2.5374	1.2567	5.1578	2.5577	25.785
#2	2.4689	23.633	1.0417	2.5344	1.2514	5.1103	2.5617	25.706
#3	2.4680	23.803	1.0386	2.5372	1.2563	5.2812	2.5587	25.698
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3771	1.3461	25.853	2.4347	2.6739	23.628	4.9050	F 4.3940
Stddev	.0065	.0020	.201	.0043	.0591	.246	.0076	.0418
%RSD	.27425	.15091	.77862	.17441	2.2096	1.0432	.15598	.95238
#1	2.3845	1.3438	26.012	2.4330	2.6883	23.835	4.9138	4.3481
#2	2.3721	1.3471	25.627	2.4396	2.6090	23.355	4.9013	4.4038
#3	2.3747	1.3475	25.920	2.4316	2.7245	23.693	4.9000	4.4301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7656	4.8570	5.0053	4.9349	4.7437	4.965	4.9759	4.7477
Stddev	.0104	.0525	.0033	.0115	.0428	.018	.0440	.0322
%RSD	.21719	1.0813	.06643	.23284	.90279	.3517	.88367	.67864
#1	4.7681	4.8913	5.0092	4.9480	4.7869	4.975	5.0136	4.7249
#2	4.7543	4.7965	5.0035	4.9303	4.7013	4.975	4.9276	4.7846
#3	4.7746	4.8831	5.0033	4.9265	4.7428	4.945	4.9864	4.7337

Sample Name: CCV04 Acquired: 1/18/2019 16:34:50 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.2182
Stddev .7713
%RSD 18.284

#1 4.6067
#2 4.7180
#3 3.3300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.7	36196.	3761.4	80.929	3209.6
Stddev	6.3	31.	32.9	1.802	5.7
%RSD	.21159	.08650	.87433	2.2271	.17693

#1	2974.5	36163.	3732.5	80.410	3205.0
#2	2978.0	36225.	3797.2	82.933	3207.7
#3	2986.7	36200.	3754.5	79.442	3215.9

Sample Name: CCB04 Acquired: 1/18/2019 16:38:45 Type: Unk
Method: P4-ICP2(v2754) 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	.00137	-.00109	.00429	-.00232	.00354	-.00704	-.00465	.00002
Stddev	.00329	.00067	.00034	.00077	.00126	.00545	.00037	.00004
%RSD	240.49	61.091	7.9348	33.025	35.488	77.407	7.9637	218.59

#1	.00043	-.00129	.00431	-.00283	.00467	-.00177	-.00425	.00001
#2	.00503	-.00035	.00395	-.00144	.00219	-.01265	-.00498	.00007
#3	-.00135	-.00163	.00463	-.00269	.00377	-.00669	-.00473	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00706	-.00030	-.00036	.00009	.01300	-.00001	.05760
Stddev	.00005	.00315	.00036	.00033	.00001	.00977	.00010	.07864
%RSD	122.59	44.683	118.42	90.878	12.034	75.142	1068.3	136.52

#1	-.00001	-.00355	-.00033	-.00008	.00008	.01705	.00010	-.03316
#2	.00004	-.00967	.00007	-.00029	.00010	.00186	-.00004	.10049
#3	.00010	-.00795	-.00065	-.00073	.00009	.02008	-.00009	.10547

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00047	.00424	-.00046	-.00524	.33861	.00006	-.00319
Stddev	.00002	.00096	.01196	.00030	.00008	.02979	.00021	.01378
%RSD	115.52	204.40	281.81	63.969	1.5477	8.7981	338.22	431.29

#1	.00004	.00148	.01556	-.00080	-.00516	.33826	.00002	.00161
#2	.00002	.00036	.00545	-.00034	-.00522	.30899	-.00012	-.01873
#3	-.00000	-.00043	-.00827	-.00025	-.00533	.36857	.00030	.00753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00710	.00311	.00094	-.00075	.00580	-.0013	.00005	3.4803
Stddev	.00052	.00034	.00054	.00164	.00201	.0014	.00005	.1104
%RSD	7.2962	10.887	57.576	219.68	34.724	108.0	100.81	3.1716

#1	.00668	.00273	.00033	.00053	.00688	.0003	.00003	3.4444
#2	.00768	.00322	.00135	-.00017	.00704	-.0021	.00001	3.6042
#3	.00694	.00337	.00116	-.00260	.00348	-.0023	.00010	3.3924

Sample Name: CCB04 Acquired: 1/18/2019 16:38:45 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0945
Stddev	.8171
%RSD	39.011

#1	1.2926
#2	2.0649
#3	2.9259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.9	38362.	3825.4	82.683	3630.6
Stddev	4.7	70.	23.8	1.953	10.7
%RSD	.15010	.18216	.62192	2.3616	.29369

#1	3133.3	38314.	3818.6	82.800	3640.0
#2	3135.1	38329.	3805.7	80.675	3619.0
#3	3142.2	38442.	3851.8	84.575	3632.7

Sample Name: K1153-01MSDDLX10 Acquired: 1/18/2019 16:43:13 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08292	.18024	.12097	.17019	.02017	8.8666	.08796	.01913
Stddev	.00259	.00161	.00157	.00104	.00093	.0390	.00094	.00011
%RSD	3.1276	.89509	1.2963	.60895	4.6051	.44006	1.0715	.55290
#1	.08098	.17838	.12090	.16909	.02059	8.8229	.08710	.01909
#2	.08587	.18115	.11943	.17031	.01911	8.8979	.08781	.01905
#3	.08191	.18119	.12257	.17116	.02082	8.8789	.08897	.01925
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01836	7.0586	.05580	.02502	.06549	15.259	.45491	3.3215
Stddev	.00012	.0440	.00047	.00027	.00012	.291	.00044	.0766
%RSD	.65689	.62325	.84815	1.0658	.17755	1.9092	.09593	2.3071
#1	.01839	7.0103	.05609	.02478	.06557	15.514	.45537	3.3536
#2	.01823	7.0692	.05525	.02497	.06535	15.321	.45451	3.2340
#3	.01846	7.0963	.05605	.02531	.06554	14.942	.45486	3.3768
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05537	.00730	.60519	.04365	.07441	2.2486	.03302	.02878
Stddev	.00029	.00023	.00204	.00034	.00201	.0429	.00047	.00306
%RSD	.51523	3.2127	.33758	.76914	2.6954	1.9093	1.4317	10.631
#1	.05565	.00713	.60346	.04381	.07655	2.2308	.03288	.02935
#2	.05538	.00720	.60465	.04326	.07409	2.2174	.03355	.03152
#3	.05508	.00757	.60744	.04387	.07258	2.2976	.03264	.02548
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87882	.70971	.06092	.17851	.04026	1.103	.03377	3.2273
Stddev	.00545	.00758	.00080	.00198	.00149	.005	.00072	.0752
%RSD	.62065	1.0682	1.3139	1.1098	3.6981	.4176	2.1182	2.3313
#1	.87293	.71779	.06027	.17889	.04075	1.098	.03309	3.1818
#2	.87984	.70276	.06069	.17637	.03858	1.103	.03372	3.1858
#3	.88369	.70858	.06181	.18028	.04143	1.107	.03452	3.3141

Sample Name: K1153-01MSDDLX10 Acquired: 1/18/2019 16:43:13 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.78490
%RSD	155.55

#1	-.41684
#2	-1.3297
#3	.23276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.7	38530.	3868.2	84.142	3529.4
Stddev	12.4	104.	21.7	1.999	10.4
%RSD	.39570	.26979	.56136	2.3763	.29445

#1	3134.0	38442.	3850.5	81.967	3532.6
#2	3109.3	38644.	3892.4	84.558	3537.8
#3	3121.8	38502.	3861.6	85.900	3517.7

Sample Name: K1153-01ADLX10 Acquired: 1/18/2019 16:47:32 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08273	.18021	.12161	.17238	.02015	8.9005	.08800	.01918
Stddev	.00281	.00231	.00135	.00747	.00056	.0462	.00112	.00009
%RSD	3.3909	1.2793	1.1092	4.3330	2.7904	.51929	1.2711	.49127
#1	.08516	.18160	.12269	.17721	.02002	8.8905	.08721	.01929
#2	.08338	.18148	.12205	.17615	.01966	8.8600	.08750	.01916
#3	.07966	.17755	.12010	.16378	.02076	8.9508	.08928	.01910
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01828	7.0812	.05631	.02530	.06537	15.753	.45676	3.3740
Stddev	.00004	.0245	.00019	.00010	.00057	.276	.00066	.0802
%RSD	.20234	.34599	.33830	.39884	.87948	1.7530	.14419	2.3763
#1	.01830	7.0530	.05621	.02542	.06568	16.028	.45646	3.2819
#2	.01829	7.0932	.05653	.02526	.06573	15.756	.45751	3.4122
#3	.01823	7.0973	.05618	.02523	.06471	15.476	.45630	3.4280
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05604	.00770	.60850	.04404	.07736	2.2129	.03300	.02999
Stddev	.00049	.00038	.01053	.00072	.00151	.0528	.00035	.00791
%RSD	.87820	4.9647	1.7298	1.6300	1.9478	2.3846	1.0523	26.391
#1	.05632	.00808	.61199	.04348	.07889	2.2331	.03329	.02593
#2	.05634	.00731	.59668	.04485	.07731	2.2526	.03309	.02492
#3	.05548	.00771	.61684	.04379	.07588	2.1530	.03261	.03911
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87606	.71477	.06100	.18078	.04017	1.104	.03359	3.5707
Stddev	.00558	.00114	.00048	.00080	.00054	.012	.00069	.0342
%RSD	.63741	.15996	.78614	.44321	1.3408	1.049	2.0657	.95901
#1	.88237	.71424	.06154	.18016	.03956	1.115	.03310	3.6018
#2	.87177	.71608	.06083	.18050	.04041	1.106	.03329	3.5764
#3	.87403	.71399	.06063	.18168	.04056	1.092	.03438	3.5340

Sample Name: K1153-01ADLX10 Acquired: 1/18/2019 16:47:32 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB116447BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.2731
%RSD	839.99

#1	-1.1199
#2	-.62521
#3	1.2904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.0	38250.	3851.8	81.569	3532.9
Stddev	35.1	41.	8.6	1.559	38.0
%RSD	1.1200	.10678	.22231	1.9113	1.0753

#1	3103.1	38297.	3851.5	79.983	3495.8
#2	3126.7	38227.	3860.5	81.625	3531.0
#3	3172.2	38225.	3843.4	83.100	3571.7

Sample Name: K1167-09DLX10 Acquired: 1/18/2019 16:51:55 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05956	-.00459	.54217	-.01115	.00059	10.894	.15768
Stddev	.00240	.00144	.00338	.00225	.00061	.044	.00070
%RSD	4.0219	31.405	.62350	20.210	104.48	.40819	.44310

#1	.06226	-.00605	.53899	-.00914	-.00012	10.845	.15775
#2	.05870	-.00317	.54181	-.01073	.00093	10.930	.15834
#3	.05771	-.00454	.54572	-.01359	.00095	10.908	.15695

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	.00326	3.1427	.03044	.00790	.12380	44.819
Stddev	.00008	.00005	.0332	.00027	.00004	.00035	.596
%RSD	11.656	1.5746	1.0577	.88426	.52102	.28101	1.3290

#1	-.00070	.00321	3.1083	.03042	.00786	.12378	45.403
#2	-.00080	.00328	3.1746	.03072	.00791	.12346	44.840
#3	-.00063	.00331	3.1451	.03018	.00794	.12415	44.212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23007	4.8625	.02528	-.00156	.17289	.05044	.27845
Stddev	.00080	.0561	.00009	.00063	.01213	.00072	.00599
%RSD	.34978	1.1543	.34103	39.970	7.0133	1.4304	2.1510

#1	.23008	4.9176	.02519	-.00106	.15896	.05086	.28477
#2	.23087	4.8645	.02528	-.00137	.17868	.05085	.27771
#3	.22926	4.8054	.02536	-.00226	.18104	.04961	.27286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0863	.00277	-.00237	1.7232	.41890	.00976	.70287
Stddev	.0106	.00010	.00619	.0057	.00502	.00125	.00556
%RSD	.50592	3.7093	260.60	.32967	1.1973	12.816	.79039

#1	2.0916	.00265	-.00400	1.7279	.42433	.01113	.69981
#2	2.0742	.00284	.00446	1.7248	.41790	.00945	.70928
#3	2.0932	.00281	-.00758	1.7169	.41445	.00869	.69951

Sample Name: K1167-09DLX10 Acquired: 1/18/2019 16:51:55 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7886 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02239	.6064	-.01217	3.4980	F<.00000
Stddev	.00083	.0011	.00052	.1782	.39430
%RSD	3.7092	.1833	4.2922	5.0957	1.6699

#1	.02169	.6056	-.01276	3.7038	-23.276
#2	.02331	.6077	-.01199	3.3921	-23.513
#3	.02218	.6061	-.01176	3.3981	-24.046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.6	38361.	3873.4	83.122	3519.1
Stddev	11.2	118.	14.8	1.872	1.1
%RSD	.35804	.30659	.38203	2.2520	.03209

#1	3131.1	38303.	3862.8	81.175	3518.7
#2	3143.1	38284.	3867.1	83.283	3518.2
#3	3120.7	38497.	3890.3	84.908	3520.3

Sample Name: K1167-11DLX10 Acquired: 1/18/2019 16:56:16 Type: Unk
Method: P4-ICP2(v2754) 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	.05333	-.00322	.40758	-.01098	-.00068	10.937	.14434
Stddev	.00193	.00086	.00105	.00133	.00063	.031	.00128
%RSD	3.6149	26.799	.25847	12.114	93.204	.28579	.88905

#1	.05122	-.00418	.40660	-.00969	-.00000	10.935	.14301
#2	.05500	-.00249	.40745	-.01235	-.00078	10.969	.14558
#3	.05379	-.00300	.40869	-.01090	-.00126	10.906	.14441

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00279	2.4138	.02777	.00707	.10022	43.757
Stddev	.00013	.00001	.0215	.00023	.00018	.00089	.486
%RSD	15.308	.46356	.88936	.81706	2.5631	.88338	1.1110

#1	-.00095	.00278	2.4113	.02782	.00716	.09973	43.504
#2	-.00070	.00280	2.3937	.02752	.00718	.10124	43.449
#3	-.00082	.00278	2.4364	.02797	.00686	.09968	44.317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21037	4.5826	.02199	-.00162	.17838	.05145	.22303
Stddev	.00059	.0278	.00008	.00034	.00909	.00080	.00238
%RSD	.28105	.60563	.34720	21.036	5.0959	1.5519	1.0659

#1	.21007	4.5514	.02194	-.00123	.17329	.05108	.22192
#2	.20999	4.5917	.02196	-.00187	.17297	.05237	.22141
#3	.21105	4.6046	.02208	-.00177	.18887	.05090	.22576

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1376	.00238	.00185	1.5684	.25008	.00844	.70409
Stddev	.0204	.00019	.00368	.0073	.00787	.00078	.00279
%RSD	.95208	7.7852	198.65	.46584	3.1479	9.2518	.39653

#1	2.1602	.00257	.00329	1.5600	.24870	.00899	.70216
#2	2.1207	.00220	-.00233	1.5716	.25855	.00755	.70281
#3	2.1319	.00236	.00460	1.5735	.24299	.00879	.70729

Sample Name: K1167-11DLX10 Acquired: 1/18/2019 16:56:16 Type: Unk
 Method: P4-ICP2(v2754) 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	.02363	.6025	-.01450	2.9647	F<.00000
Stddev	.00148	.0022	.00049	.2745	.30315
%RSD	6.2515	.3721	3.4090	9.2574	1.3234

#1	.02196	.6015	-.01431	3.1950	-22.584
#2	.02418	.6009	-.01413	2.6610	-23.186
#3	.02477	.6051	-.01506	3.0382	-22.948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.3	38584.	3863.5	82.875	3542.7
Stddev	9.1	137.	11.5	.824	7.0
%RSD	.29172	.35585	.29757	.99400	.19845

#1	3131.6	38450.	3856.0	83.058	3550.8
#2	3117.9	38725.	3876.8	83.592	3538.1
#3	3135.2	38577.	3857.9	81.975	3539.1

Sample Name: PB116484BL Acquired: 1/18/2019 17:00:37 Type: Unk
Method: P4-ICP2(v2754) 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	.00106	-.00099	.00170	-.00230	.00004	-.02290	-.00372	-.00004
Stddev	.00154	.00061	.00100	.00407	.00020	.00805	.00053	.00005
%RSD	144.73	61.857	58.782	176.81	464.25	35.152	14.163	147.87
#1	.00282	-.00041	.00285	.00215	-.00019	-.01453	-.00321	.00001
#2	.00034	-.00093	.00124	-.00583	.00018	-.02358	-.00427	-.00009
#3	.00002	-.00162	.00102	-.00323	.00014	-.03059	-.00369	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00333	.00002	-.00002	.00011	-.00264	-.00014	-.06243
Stddev	.00013	.00620	.00039	.00031	.00049	.00586	.00001	.03993
%RSD	7972.0	186.06	2492.1	1322.2	459.83	222.00	6.8395	63.965
#1	.00007	-.01048	-.00009	.00003	-.00014	.00379	-.00013	-.10848
#2	.00007	-.00011	.00045	-.00036	-.00021	-.00767	-.00015	-.04135
#3	-.00015	.00060	-.00031	.00026	.00067	-.00405	-.00013	-.03745
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00081	-.01552	-.00023	-.00539	.33749	-.00014	-.01093
Stddev	.00066	.00039	.00078	.00005	.00008	.01882	.00005	.00824
%RSD	359.09	47.751	5.0536	21.211	1.4067	5.5750	33.385	75.435
#1	.00094	.00036	-.01463	-.00023	-.00547	.31645	-.00009	-.00856
#2	-.00031	.00100	-.01612	-.00018	-.00540	.35271	-.00015	-.02010
#3	-.00008	.00106	-.01581	-.00028	-.00532	.34332	-.00018	-.00413
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	-.00348	-.00040	.00132	F .00541	-.0022	-.00008	F 2.9855
Stddev	.00015	.00137	.00034	.00102	.00300	.0004	.00009	.3108
%RSD	3.4874	39.261	83.754	77.037	55.562	16.91	112.14	10.411
#1	.00455	-.00270	-.00005	.00081	.00367	-.0020	-.00002	2.6578
#2	.00431	-.00505	-.00072	.00067	.00888	-.0026	-.00003	3.0225
#3	.00427	-.00268	-.00044	.00250	.00368	-.0020	-.00018	3.2762

Sample Name: PB116484BL Acquired: 1/18/2019 17:00:37 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5718
Stddev .4872
%RSD 18.945

#1 2.9971
#2 2.0402
#3 2.6782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.7	38742.	3844.5	85.094	3631.1
Stddev	14.7	119.	6.1	.941	3.1
%RSD	.46708	.30684	.15899	1.1059	.08476

#1	3161.4	38879.	3838.5	85.667	3627.6
#2	3133.7	38677.	3844.3	85.608	3632.9
#3	3139.0	38669.	3850.7	84.008	3632.9

Sample Name: PB116484BS Acquired: 1/18/2019 17:05:06 Type: Unk
Method: P4-ICP2(v2754) 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	.81690	1.9612	1.0386	1.9416	.83439	2.0599	.20340
Stddev	.00187	.0067	.0056	.0063	.00351	.0242	.00097
%RSD	.22884	.34153	.53772	.32523	.42082	1.1726	.47652

#1	.81891	1.9563	1.0412	1.9380	.83034	2.0321	.20262
#2	.81522	1.9688	1.0423	1.9489	.83625	2.0760	.20309
#3	.81657	1.9584	1.0322	1.9379	.83659	2.0716	.20449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20136	.19456	1.0256	.44724	.21212	.32497	3.3346
Stddev	.00084	.00074	.0124	.00402	.00083	.00028	.0648
%RSD	.41683	.37824	1.2063	.89927	.39243	.08596	1.9431

#1	.20119	.19470	1.0338	.44658	.21187	.32515	3.3322
#2	.20227	.19523	1.0114	.45155	.21305	.32465	3.4005
#3	.20062	.19377	1.0318	.44359	.21145	.32512	3.2710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22236	1.9058	.49290	.07885	2.9668	.31521	.21812
Stddev	.00073	.0317	.00264	.00044	.0057	.00142	.00569
%RSD	.33007	1.6653	.53630	.55921	.19396	.44914	2.6087

#1	.22181	1.9145	.49384	.07905	2.9602	.31423	.22096
#2	.22319	1.9323	.49493	.07916	2.9702	.31683	.22183
#3	.22208	1.8706	.48991	.07834	2.9701	.31456	.21156

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.442	.42578	.28061	F .00068	.96045	.71052	.21370
Stddev	.033	.00117	.00192	.00072	.01036	.00189	.00154
%RSD	.31653	.27510	.68252	104.56	1.0787	.26578	.71924

#1	10.407	.42500	.28173	-.00010	.97182	.70945	.21220
#2	10.447	.42522	.27840	.00130	.95795	.71270	.21363
#3	10.473	.42713	.28170	.00085	.95156	.70940	.21527

Sample Name: PB116484BS Acquired: 1/18/2019 17:05:06 Type: Unk
Method: P4-ICP2(v2754) 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	.21326	5.396	.21027	F 3.2035	F<.00000
Stddev	.00103	.035	.00018	.1099	.30805
%RSD	.48443	.6495	.08374	3.4317	7.1911

#1	.21218	5.405	.21006	3.1624	-3.9280
#2	.21423	5.425	.21037	3.3281	-4.4636
#3	.21338	5.357	.21036	3.1201	-4.4595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.8	38456.	3766.9	83.686	3528.9
Stddev	15.8	144.	24.4	1.787	9.5
%RSD	.51308	.37431	.64782	2.1360	.26983

#1	3087.2	38462.	3739.5	82.675	3518.4
#2	3104.0	38309.	3774.7	82.633	3531.2
#3	3072.4	38597.	3786.4	85.750	3537.0

Sample Name: PB116473BL Acquired: 1/18/2019 17:09:15 Type: Unk
Method: P4-ICP2(v2754) 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	.00136	-.00175	.00233	-.00151	.00569	-.02498	-.00500	-.00004
Stddev	.00068	.00041	.00129	.00169	.00120	.01120	.00052	.00010
%RSD	50.278	23.329	55.574	111.98	21.059	44.817	10.354	224.92
#1	.00119	-.00146	.00260	-.00332	.00708	-.01215	-.00440	-.00001
#2	.00077	-.00222	.00346	.00001	.00509	-.03278	-.00533	.00003
#3	.00210	-.00157	.00092	-.00121	.00491	-.03001	-.00526	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00076	.00006	-.00026	-.00035	.00114	-.00008	-.03233
Stddev	.00003	.00418	.00029	.00011	.00052	.01627	.00003	.01618
%RSD	102.78	551.37	511.31	41.006	149.94	1428.7	34.889	50.055
#1	.00007	-.00098	.00024	-.00016	.00023	.01889	-.00007	-.02434
#2	.00003	.00553	.00022	-.00037	-.00076	-.00240	-.00006	-.05095
#3	.00000	-.00228	-.00028	-.00026	-.00051	-.01307	-.00011	-.02169
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00075	-.01967	-.00048	-.00535	.35347	.00003	-.01204
Stddev	.00025	.00069	.01020	.00014	.00007	.05699	.00004	.00210
%RSD	142.06	91.293	51.871	28.689	1.2912	16.124	117.87	17.458
#1	.00008	.00000	-.03100	-.00034	-.00537	.40008	.00007	-.01437
#2	-.00043	.00136	-.01678	-.00062	-.00541	.28993	-.00001	-.01029
#3	-.00018	.00090	-.01122	-.00049	-.00527	.37041	.00004	-.01145
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00001	-.00035	.00356	F .00525	-.0018	.00003	F 2.9081
Stddev	.00178	.00295	.00037	.00079	.00111	.0010	.00007	.1273
%RSD	61.394	21191.	106.57	22.226	21.243	55.27	245.57	4.3793
#1	.00108	-.00223	-.00030	.00265	.00437	-.0008	-.00002	2.8821
#2	.00464	.00334	-.00074	.00402	.00487	-.0019	.00011	2.7958
#3	.00297	-.00115	-.00000	.00402	.00650	-.0028	-.00000	3.0465

Sample Name: PB116473BL Acquired: 1/18/2019 17:09:15 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8820
Stddev .5761
%RSD 19.990

#1 2.7338
#2 2.3945
#3 3.5178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3119.5	38781.	3846.2	84.244	3621.9
Stddev	16.7	86.	8.3	1.430	4.4
%RSD	.53691	.22126	.21473	1.6980	.12015

#1	3138.8	38874.	3842.1	84.583	3625.7
#2	3110.9	38705.	3840.8	85.475	3617.2
#3	3108.9	38764.	3855.7	82.675	3622.9

Sample Name: PB116473BS Acquired: 1/18/2019 17:13:45 Type: Unk
Method: P4-ICP2(v2754) 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	.79341	1.9106	1.0077	1.8948	.81713	1.9797	.19890
Stddev	.00322	.0076	.0035	.0105	.00242	.0140	.00074
%RSD	.40610	.40016	.34948	.55276	.29673	.70842	.37382

#1	.79437	1.9068	1.0084	1.8986	.81603	1.9644	.19920
#2	.79604	1.9056	1.0039	1.9028	.81990	1.9828	.19806
#3	.78981	1.9194	1.0108	1.8830	.81544	1.9919	.19945

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19545	.18865	1.0018	.43333	.20577	.31748	3.2180
Stddev	.00019	.00092	.0209	.00168	.00112	.00045	.0413
%RSD	.09693	.48556	2.0875	.38822	.54193	.14154	1.2829

#1	.19566	.18822	1.0259	.43271	.20455	.31706	3.2188
#2	.19528	.18803	.98787	.43205	.20602	.31795	3.2589
#3	.19542	.18970	.99172	.43524	.20674	.31742	3.1764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21553	1.8573	.48031	.07564	2.8924	.30414	.21084
Stddev	.00081	.0367	.00379	.00032	.0209	.00103	.00278
%RSD	.37615	1.9759	.78954	.42118	.72176	.33731	1.3164

#1	.21469	1.8860	.47788	.07548	2.9010	.30413	.20974
#2	.21557	1.8699	.47837	.07601	2.8685	.30312	.21400
#3	.21631	1.8160	.48468	.07543	2.9075	.30517	.20878

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.199	.41957	.26190	F .00079	.94474	.69805	.21269
Stddev	.069	.00184	.00977	.00092	.00728	.00537	.00246
%RSD	.67735	.43905	3.7300	117.27	.77073	.77000	1.1579

#1	10.169	.41906	.25853	.00181	.94478	.69216	.21545
#2	10.151	.42161	.25427	.00054	.93744	.69929	.21189
#3	10.278	.41803	.27291	.00002	.95200	.70269	.21072

Sample Name: PB116473BS Acquired: 1/18/2019 17:13:45 Type: Unk
Method: P4-ICP2(v2754) 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	.20757	5.246	.20452	F 3.1247	F<.00000
Stddev	.00150	.019	.00085	.1284	.38946
%RSD	.72076	.3689	.41576	4.1106	10.074

#1	.20855	5.228	.20498	3.2633	-3.6378
#2	.20585	5.243	.20354	3.1012	-4.3155
#3	.20831	5.266	.20505	3.0096	-3.6440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.4	38576.	3770.8	84.319	3542.4
Stddev	22.4	71.	29.8	1.242	1.7
%RSD	.72482	.18432	.79105	1.4729	.04747

#1	3081.7	38532.	3759.9	84.292	3544.1
#2	3071.8	38538.	3804.5	83.092	3540.7
#3	3114.6	38658.	3747.9	85.575	3542.3

Sample Name: PB116488BL Acquired: 1/18/2019 17:17:53 Type: Unk
Method: P4-ICP2(v2754) 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	.00004	-.00080	.00181	-.00163	.00459	-.01166	-.00421	.00004
Stddev	.00227	.00083	.00042	.00250	.00071	.00476	.00097	.00004
%RSD	6178.1	103.33	23.266	153.03	15.474	40.831	23.020	118.66
#1	-.00086	-.00128	.00196	-.00402	.00541	-.00661	-.00422	.00003
#2	-.00164	-.00127	.00214	.00096	.00423	-.01607	-.00517	.00008
#3	.00261	.00015	.00133	-.00184	.00413	-.01229	-.00323	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00649	.00017	-.00043	-.00020	.00884	-.00011	-.03165
Stddev	.00005	.02323	.00029	.00024	.00049	.01723	.00007	.05590
%RSD	63.552	358.07	171.46	55.793	245.99	194.86	60.233	176.64
#1	.00008	-.00851	-.00017	-.00051	-.00009	-.00816	-.00003	-.03689
#2	.00013	.01769	.00032	-.00062	-.00073	.00839	-.00014	-.08474
#3	.00003	-.02864	.00036	-.00016	.00023	.02629	-.00015	.02669
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00002	-.03167	-.00048	-.00534	.33035	.00024	-.00121
Stddev	.00046	.00048	.00321	.00024	.00008	.02293	.00016	.01955
%RSD	571.56	2763.6	10.134	50.370	1.4654	6.9419	66.611	1610.8
#1	-.00041	-.00040	-.03401	-.00058	-.00526	.33292	.00008	-.01890
#2	.00050	.00053	-.03298	-.00066	-.00541	.35189	.00024	.01978
#3	.00015	-.00018	-.02801	-.00021	-.00535	.30624	.00040	-.00452
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00056	-.00083	.00201	F .00599	-.0007	-.00006	F 2.7510
Stddev	.00163	.00235	.00059	.00039	.00118	.0003	.00009	.0573
%RSD	36.944	422.36	71.583	19.688	19.750	41.02	141.30	2.0815
#1	.00428	-.00327	-.00094	.00219	.00704	-.0006	-.00013	2.8028
#2	.00285	.00076	-.00019	.00228	.00471	-.0010	-.00010	2.7607
#3	.00610	.00084	-.00136	.00155	.00622	-.0005	.00004	2.6896

Sample Name: PB116488BL Acquired: 1/18/2019 17:17:53 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8006
Stddev .4101
%RSD 14.645

#1 2.3270
#2 3.0417
#3 3.0331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.0	39058.	3817.6	86.314	3642.3
Stddev	4.9	108.	4.1	1.027	1.1
%RSD	.15553	.27603	.10773	1.1896	.02995

#1	3146.6	39058.	3821.5	85.150	3643.5
#2	3156.3	38951.	3813.3	87.092	3641.4
#3	3150.1	39167.	3818.1	86.700	3642.0

Sample Name: PB116488BS Acquired: 1/18/2019 17:22:21 Type: Unk
Method: P4-ICP2(v2754) 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	.79444	1.9020	1.0060	1.8968	.81577	1.9881	.19696
Stddev	.00230	.0107	.0044	.0044	.00404	.0065	.00074
%RSD	.28953	.56097	.44001	.23161	.49477	.32625	.37795

#1	.79295	1.8941	1.0024	1.8982	.81199	1.9899	.19725
#2	.79328	1.9141	1.0109	1.8918	.81530	1.9810	.19751
#3	.79709	1.8978	1.0045	1.9003	.82002	1.9936	.19611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19598	.18832	.98861	.42869	.20503	.31711	3.2083
Stddev	.00108	.00097	.01433	.00191	.00147	.00099	.0495
%RSD	.55174	.51682	1.4497	.44481	.71716	.31223	1.5414

#1	.19595	.18722	.97368	.42853	.20336	.31636	3.1803
#2	.19491	.18906	.98991	.42687	.20611	.31674	3.2654
#3	.19707	.18869	1.0023	.43067	.20563	.31823	3.1792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21498	1.8846	.47791	.07621	2.8655	.30298	.21192
Stddev	.00107	.0348	.00208	.00046	.0150	.00040	.00498
%RSD	.49544	1.8468	.43551	.59922	.52468	.13057	2.3485

#1	.21449	1.8644	.47550	.07639	2.8761	.30282	.21384
#2	.21425	1.8647	.47916	.07569	2.8720	.30269	.21566
#3	.21620	1.9248	.47906	.07654	2.8483	.30343	.20627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.140	.41414	.26168	F 1.4237	.93066	.69863	.21017
Stddev	.032	.00139	.00480	.0594	.01343	.00356	.00356
%RSD	.31919	.33645	1.8352	4.1741	1.4429	.50935	1.6946

#1	10.172	.41278	.26070	1.3594	.94457	.69484	.20941
#2	10.107	.41407	.26689	1.4350	.92964	.70190	.20705
#3	10.142	.41557	.25743	1.4766	.91777	.69914	.21405

Sample Name: PB116488BS Acquired: 1/18/2019 17:22:21 Type: Unk
Method: P4-ICP2(v2754) 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	.20738	5.260	.20228	F 2.8265	F<.00000
Stddev	.00146	.032	.00042	.1451	1.1096
%RSD	.70589	.6047	.20799	5.1348	25.915

#1	.20684	5.224	.20182	2.8239	-4.7996
#2	.20903	5.285	.20237	2.6827	-3.0080
#3	.20626	5.271	.20265	2.9730	-5.0380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.9	38776.	3825.6	84.700	3570.5
Stddev	11.1	193.	19.1	1.902	6.0
%RSD	.35689	.49706	.50000	2.2459	.16829

#1	3103.9	38653.	3803.5	83.817	3577.3
#2	3111.8	38998.	3836.1	83.400	3568.2
#3	3089.9	38677.	3837.2	86.883	3566.0

Sample Name: CCV05 Acquired: 1/18/2019 17:51:07 Type: Unk
Method: P4-ICP2(v2754) 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	5.0281	4.6700	5.0318	4.8564	4.8865	9.8551	9.2123	.24851
Stddev	.0144	.0083	.0112	.0137	.0069	.0836	.0492	.00015
%RSD	.28639	.17673	.22274	.28222	.14173	.84794	.53363	.06059
#1	5.0446	4.6747	5.0355	4.8721	4.8907	9.8774	9.2268	.24866
#2	5.0177	4.6604	5.0406	4.8466	4.8785	9.9253	9.1575	.24850
#3	5.0221	4.6748	5.0192	4.8506	4.8902	9.7627	9.2525	.24836
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3859	26.320	.99696	2.4480	1.2081	5.0352	2.4677	25.162
Stddev	.0037	.167	.00361	.0054	.0031	.1185	.0005	.036
%RSD	.15379	.63405	.36187	.22175	.25283	2.3537	.01875	.14364
#1	2.3888	26.354	.99286	2.4528	1.2105	4.9448	2.4677	25.169
#2	2.3871	26.466	.99962	2.4491	1.2047	4.9914	2.4681	25.194
#3	2.3818	26.138	.99842	2.4421	1.2091	5.1694	2.4672	25.123
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2862	1.2930	25.141	2.3496	2.6397	22.999	4.7270	F 4.2362
Stddev	.0069	.0034	.125	.0042	.0646	.137	.0172	.0110
%RSD	.30359	.26229	.49640	.17880	2.4481	.59608	.36448	.26046
#1	2.2924	1.2896	25.149	2.3451	2.5964	23.005	4.7450	4.2353
#2	2.2875	1.2930	25.012	2.3534	2.6087	22.859	4.7106	4.2257
#3	2.2787	1.2964	25.262	2.3504	2.7140	23.133	4.7254	4.2477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5915	4.6987	4.8362	4.7554	4.5882	4.802	4.7930	F 4.2886
Stddev	.0026	.0174	.0120	.0127	.0292	.004	.0211	.0657
%RSD	.05744	.36934	.24766	.26686	.63707	.0749	.43955	1.5313
#1	4.5886	4.6876	4.8459	4.7473	4.5938	4.799	4.7886	4.2284
#2	4.5922	4.6899	4.8400	4.7701	4.5565	4.806	4.7744	4.2787
#3	4.5937	4.7187	4.8228	4.7490	4.6141	4.802	4.8159	4.3586

Sample Name: CCV05 Acquired: 1/18/2019 17:51:07 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5505
Stddev	1.6462
%RSD	46.364

#1	2.5336
#2	2.6682
#3	5.4498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.9	36562.	3773.7	79.813	3226.9
Stddev	15.5	34.	15.7	1.774	13.3
%RSD	.51588	.09349	.41484	2.2225	.41271

#1	2978.1	36597.	3762.7	80.912	3212.4
#2	3005.3	36560.	3791.6	80.761	3229.5
#3	3004.4	36529.	3766.7	77.767	3238.6

Sample Name: CCB05 Acquired: 1/18/2019 17:55:05 Type: Unk
Method: P4-ICP2(v2754) 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	.00232	-.00003	F .00332	-.00056	.00438	-.00016	-.00447	.00003
Stddev	.00131	.00087	.00070	.00071	.00245	.00589	.00026	.00001
%RSD	56.696	3459.1	21.152	126.55	55.950	3710.4	5.7590	43.988
#1	.00194	.00092	.00285	.00022	.00165	.00479	-.00453	.00004
#2	.00123	-.00022	.00413	-.00116	.00510	.00140	-.00470	.00002
#3	.00377	-.00078	.00298	-.00075	.00639	-.00667	-.00419	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02965	.00013	-.00016	-.00024	.01738	-.00009	.02403
Stddev	.00003	.00925	.00033	.00014	.00012	.00896	.00005	.03642
%RSD	112.90	31.183	246.18	86.074	49.479	51.563	54.708	151.56
#1	-.00000	.02085	.00051	-.00032	-.00031	.00780	-.00009	.05095
#2	.00006	.03929	-.00007	-.00005	-.00031	.01876	-.00014	.03855
#3	.00002	.02881	-.00004	-.00011	-.00010	.02556	-.00004	-.01741
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00092	-.00531	-.00003	-.00516	.35274	.00029	.01036
Stddev	.00035	.00051	.01913	.00028	.00003	.02632	.00022	.00981
%RSD	336.44	55.285	360.51	1111.7	.67462	7.4630	78.518	94.630
#1	.00017	.00069	-.00011	.00004	-.00516	.38303	.00029	.01640
#2	.00002	.00057	-.02650	.00022	-.00520	.33542	.00006	-.00095
#3	-.00051	.00150	.01069	-.00033	-.00513	.33976	.00051	.01564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	.00355	.00157	.00144	F .00621	-.0007	.00010	F 3.1924
Stddev	.00117	.00160	.00026	.00108	.00134	.0017	.00010	.1697
%RSD	32.280	45.078	16.269	74.818	21.567	246.8	100.11	5.3161
#1	.00460	.00170	.00184	.00182	.00509	-.0008	.00006	3.3176
#2	.00233	.00438	.00133	.00022	.00769	-.0023	.00003	3.2603
#3	.00398	.00456	.00154	.00227	.00585	.0011	.00022	2.9992

Sample Name: CCB05 Acquired: 1/18/2019 17:55:05 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6780
Stddev	.0935
%RSD	3.4903

#1	2.6266
#2	2.7859
#3	2.6215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.4	38824.	3861.4	85.769	3640.2
Stddev	13.9	187.	9.8	.424	7.8
%RSD	.44275	.48080	.25406	.49450	.21482

#1	3150.8	38811.	3851.9	85.550	3649.0
#2	3125.4	38644.	3860.7	86.258	3634.3
#3	3147.9	39017.	3871.5	85.500	3637.2

Sample Name: PB116490BL Acquired: 1/18/2019 17:59:33 Type: Unk
Method: P4-ICP2(v2754) 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	.00198	-.00062	.00153	-.00160	.00150	-.01209	-.00422	-.00002
Stddev	.00179	.00043	.00077	.00286	.00123	.01604	.00064	.00005
%RSD	90.354	69.410	50.071	178.83	82.078	132.64	15.198	251.01
#1	.00362	-.00075	.00068	-.00487	.00164	-.02763	-.00496	-.00008
#2	.00007	-.00096	.00218	.00036	.00021	.00441	-.00384	.00002
#3	.00225	-.00014	.00174	-.00028	.00266	-.01305	-.00385	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01609	.00020	-.00038	-.00019	-.00351	-.00007	-.03006
Stddev	.00003	.00974	.00049	.00028	.00053	.00077	.00003	.04062
%RSD	236.97	60.515	252.54	74.066	284.73	22.035	46.868	135.13
#1	.00002	-.00901	-.00002	-.00007	-.00070	-.00264	-.00010	.01663
#2	-.00002	-.01207	.00076	-.00061	-.00023	-.00412	-.00004	-.05725
#3	.00003	-.02719	-.00015	-.00046	.00037	-.00378	-.00005	-.04956
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00012	-.05212	-.00062	-.00537	.32334	-.00006	.00121
Stddev	.00039	.00026	.00567	.00003	.00011	.01970	.00012	.00577
%RSD	885.10	211.03	10.878	4.4220	2.0643	6.0938	200.26	478.65
#1	.00041	.00004	-.05766	-.00065	-.00528	.32852	.00006	.00499
#2	.00010	.00042	-.05237	-.00062	-.00533	.33993	-.00007	.00407
#3	-.00037	-.00009	-.04633	-.00059	-.00549	.30156	-.00017	-.00544
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	.00255	.00006	.00103	.00397	-.0023	.00012	F 2.7928
Stddev	.00501	.00325	.00004	.00149	.00163	.0015	.00007	.0893
%RSD	396.29	127.43	64.571	144.51	41.011	67.67	61.818	3.1981
#1	-.00386	.00146	.00004	.00189	.00576	-.0029	.00015	2.8700
#2	.00615	.00620	.00011	.00189	.00258	-.0005	.00016	2.8135
#3	.00151	-.00001	.00004	-.00069	.00357	-.0034	.00003	2.6950

Sample Name: PB116490BL Acquired: 1/18/2019 17:59:33 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9850
Stddev .3131
%RSD 10.491

#1 2.9639
#2 2.6829
#3 3.3081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.2	38847.	3833.1	84.492	3630.4
Stddev	20.2	51.	30.2	1.637	12.0
%RSD	.64569	.13069	.78762	1.9377	.33155

#1	3112.8	38882.	3845.8	83.692	3644.3
#2	3150.3	38788.	3854.9	86.375	3624.3
#3	3118.6	38869.	3798.7	83.408	3622.7

Sample Name: PB116490BS Acquired: 1/18/2019 18:04:02 Type: Unk
Method: P4-ICP2(v2754) 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	.79973	1.9091	1.0151	1.8986	.82108	2.0163	.19919
Stddev	.00295	.0057	.0026	.0099	.00593	.0180	.00052
%RSD	.36869	.29840	.25749	.52247	.72264	.89005	.25859

#1	.79926	1.9040	1.0132	1.9042	.81807	2.0243	.19859
#2	.80289	1.9152	1.0181	1.9044	.82791	1.9957	.19952
#3	.79705	1.9081	1.0140	1.8871	.81725	2.0288	.19944

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19726	.18931	.99833	.43577	.20717	.31791	3.2773
Stddev	.00045	.00030	.00708	.00138	.00035	.00139	.0554
%RSD	.22670	.15752	.70954	.31655	.16719	.43795	1.6902

#1	.19714	.18903	1.0057	.43717	.20679	.31719	3.2278
#2	.19688	.18963	.99773	.43573	.20723	.31951	3.3372
#3	.19775	.18928	.99157	.43441	.20748	.31701	3.2671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21671	1.9863	.48031	.07678	2.8714	.30612	.21493
Stddev	.00018	.0452	.00106	.00057	.0088	.00042	.00224
%RSD	.08239	2.2766	.22023	.74065	.30600	.13592	1.0428

#1	.21650	1.9384	.48015	.07732	2.8612	.30565	.21243
#2	.21679	1.9923	.48144	.07683	2.8759	.30628	.21676
#3	.21684	2.0282	.47934	.07618	2.8769	.30643	.21561

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.300	.42102	.28118	F .00183	.94195	.70027	.21291
Stddev	.068	.00174	.01011	.00206	.00574	.00323	.00403
%RSD	.66370	.41387	3.5949	113.09	.60913	.46098	1.8942

#1	10.229	.41966	.27610	-.00026	.94489	.69666	.21033
#2	10.306	.42299	.29282	.00387	.94562	.70287	.21085
#3	10.365	.42041	.27462	.00187	.93534	.70128	.21756

Sample Name: PB116490BS Acquired: 1/18/2019 18:04:02 Type: Unk
Method: P4-ICP2(v2754) 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	.20675	5.239	.20561	F 3.2331	F<.00000
Stddev	.00130	.013	.00035	.1439	1.2931
%RSD	.63019	.2392	.17018	4.4495	31.371

#1	.20654	5.241	.20550	3.3743	-5.6100
#2	.20556	5.250	.20533	3.2382	-3.4841
#3	.20814	5.226	.20600	3.0867	-3.2717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.5	38359.	3784.0	83.036	3538.4
Stddev	21.7	82.	13.5	.970	23.9
%RSD	.70462	.21248	.35799	1.1680	.67559

#1	3078.4	38302.	3775.1	83.908	3541.9
#2	3049.8	38322.	3777.2	81.992	3512.9
#3	3092.3	38452.	3799.6	83.208	3560.3

Sample Name: PB116490TB Acquired: 1/18/2019 18:08:09 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00308	-.00329	.00404	.00228	.00441	-.01151	-.00427	-.00000
Stddev	.00083	.00068	.00100	.00232	.00168	.00970	.00047	.00002
%RSD	26.905	20.627	24.738	101.85	38.092	84.267	10.956	453.68
#1	-.00260	-.00252	.00403	.00011	.00496	-.02240	-.00471	-.00001
#2	-.00261	-.00380	.00505	.00472	.00574	-.00829	-.00431	-.00001
#3	-.00404	-.00354	.00305	.00200	.00252	-.00383	-.00378	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00605	.00094	-.00043	-.00046	.01074	-.00001	.00016
Stddev	.00003	.01095	.00020	.00024	.00028	.01423	.00004	.04981
%RSD	15.955	180.87	21.319	55.900	60.151	132.45	554.62	31724.
#1	-.00017	.01782	.00095	-.00029	-.00067	.02094	.00004	-.05724
#2	-.00019	-.00382	.00073	-.00029	-.00057	.01681	-.00005	.03208
#3	-.00023	.00416	.00113	-.00070	-.00015	-.00551	-.00001	.02563
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	.00393	F 289.75	-.00021	-.00407	.46129	.00037	.00497
Stddev	.00024	.00064	4.15	.00044	.00011	.05245	.00005	.00611
%RSD	12.855	16.270	1.4324	208.16	2.6394	11.370	12.278	122.92
#1	.00209	.00466	285.04	.00021	-.00411	.40087	.00032	-.00183
#2	.00163	.00346	291.39	-.00017	-.00395	.48790	.00039	.00674
#3	.00177	.00367	292.84	-.00067	-.00415	.49509	.00040	.00999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	.00931	.00179	.00298	.00983	-.0027	-.00001	4.8529
Stddev	.00463	.00087	.00047	.00025	.00091	.0021	.00011	.2736
%RSD	81.510	9.2924	26.223	8.5211	9.2140	79.09	2169.8	5.6385
#1	.01072	.00923	.00198	.00282	.00915	-.0027	-.00005	5.1157
#2	.00470	.01021	.00126	.00328	.00949	-.0048	-.00009	4.5696
#3	.00162	.00849	.00214	.00285	.01086	-.0005	.00012	4.8734

Sample Name: PB116490TB Acquired: 1/18/2019 18:08:09 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5152
Stddev .7032
%RSD 12.750

#1 5.4100
#2 4.8705
#3 6.2651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2876.9	35007.	3682.1	80.758	3135.6
Stddev	5.5	231.	35.6	3.139	8.9
%RSD	.19173	.66072	.96670	3.8874	.28395

#1	2873.3	34790.	3720.7	84.133	3128.7
#2	2883.3	35251.	3674.9	77.925	3145.7
#3	2874.1	34980.	3650.6	80.217	3132.4

Sample Name: K1166-01 Acquired: 1/18/2019 18:17:20 Type: Unk
Method: P4-ICP2(v2754) 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	.08325	-.00326	.51902	-.01420	.00646	14.874	.23886
Stddev	.00192	.00053	.00121	.00137	.00127	.045	.00225
%RSD	2.3115	16.154	.23381	9.6425	19.689	.30519	.94173

#1	.08445	-.00339	.51869	-.01448	.00555	14.885	.24145
#2	.08428	-.00268	.52037	-.01271	.00791	14.824	.23743
#3	.08103	-.00371	.51801	-.01541	.00591	14.912	.23770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00489	97.034	.05780	.01689	.26861	47.554
Stddev	.00014	.00005	1.008	.00058	.00010	.00041	1.922
%RSD	40.850	1.0230	1.0383	1.0070	.61123	.15128	4.0411

#1	-.00028	.00484	98.185	.05730	.01693	.26895	49.414
#2	-.00024	.00489	96.608	.05765	.01697	.26873	47.672
#3	-.00050	.00494	96.310	.05844	.01677	.26816	45.576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76039	12.801	.05891	-.00147	35.259	.05216	.45891
Stddev	.00215	.025	.00021	.00048	.287	.00054	.01994
%RSD	.28219	.19785	.35750	33.047	.81396	1.0269	4.3453

#1	.75885	12.786	.05873	-.00161	35.573	.05172	.47861
#2	.75948	12.787	.05885	-.00093	35.010	.05199	.45940
#3	.76284	12.830	.05914	-.00186	35.194	.05276	.43874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.546	.01350	.37691	F 12.957	F 26.724	.02221	.68055
Stddev	.092	.00050	.01406	.026	.337	.00047	.00474
%RSD	.79651	3.7074	3.7299	.20285	1.2594	2.1073	.69646

#1	11.644	.01338	.39291	12.973	27.098	.02204	.68402
#2	11.461	.01307	.36652	12.927	26.625	.02274	.67515
#3	11.534	.01405	.37131	12.972	26.447	.02185	.68248

Sample Name: K1166-01 Acquired: 1/18/2019 18:17:20 Type: Unk
 Method: P4-ICP2(v2754) 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	.02655	2.525	.57156	3.4789	F<.00000
Stddev	.00113	.005	.00418	.1671	.60387
%RSD	4.2685	.2175	.73110	4.8019	2.8064
#1	.02696	2.523	.57634	3.6717	-21.076
#2	.02527	2.521	.56863	3.3886	-21.271
#3	.02743	2.531	.56969	3.3765	-22.206
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.3	37530.	3873.9	82.293	3347.0
Stddev	16.1	83.	35.1	3.355	8.6
%RSD	.52628	.22152	.90554	4.0768	.25640
#1	3076.5	37602.	3835.7	79.102	3352.5
#2	3065.5	37548.	3881.1	81.986	3351.4
#3	3044.8	37439.	3904.8	85.791	3337.1

Sample Name: K1166-01DUP Acquired: 1/18/2019 18:21:37 Type: Unk
Method: P4-ICP2(v2754) 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	.08713	-.00414	.51770	-.01138	.00608	14.842	.23685
Stddev	.00316	.00061	.00253	.00292	.00190	.092	.00034
%RSD	3.6250	14.823	.48878	25.699	31.203	.62105	.14400

#1	.09004	-.00483	.52060	-.00820	.00392	14.738	.23704
#2	.08377	-.00368	.51593	-.01198	.00749	14.876	.23646
#3	.08759	-.00389	.51658	-.01395	.00681	14.914	.23706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00486	96.409	.05797	.01662	.26723	46.640
Stddev	.00009	.00006	.402	.00018	.00021	.00039	.739
%RSD	29.043	1.1933	.41702	.31447	1.2771	.14591	1.5850

#1	-.00038	.00488	96.436	.05783	.01638	.26753	47.163
#2	-.00021	.00490	95.995	.05817	.01678	.26738	45.794
#3	-.00031	.00479	96.797	.05789	.01671	.26679	46.963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75897	12.628	.05827	-.00215	35.176	.05192	.44641
Stddev	.00129	.063	.00089	.00045	.131	.00054	.00728
%RSD	.16959	.50175	1.5205	20.849	.37350	1.0467	1.6304

#1	.76017	12.701	.05907	-.00196	35.306	.05245	.45208
#2	.75761	12.590	.05843	-.00267	35.044	.05196	.43820
#3	.75912	12.594	.05732	-.00183	35.179	.05136	.44895

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.490	.01325	.37009	F 12.890	F 26.646	.02260	.67822
Stddev	.061	.00026	.01227	.014	.130	.00036	.00147
%RSD	.52919	1.9806	3.3164	.10521	.48958	1.5738	.21659

#1	11.536	.01301	.35963	12.891	26.765	.02220	.67935
#2	11.421	.01322	.38360	12.875	26.507	.02273	.67656
#3	11.512	.01353	.36704	12.902	26.667	.02288	.67875

Sample Name: K1166-01DUP Acquired: 1/18/2019 18:21:37 Type: Unk
Method: P4-ICP2(v2754) 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	.02562	2.513	.57030	3.3358	F<.00000
Stddev	.00095	.003	.00206	.0927	.19720
%RSD	3.7078	.1206	.36062	2.7793	.92694
#1	.02453	2.512	.56991	3.3544	-21.338
#2	.02620	2.511	.56846	3.2351	-21.054
#3	.02614	2.516	.57252	3.4177	-21.433
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.9	37625.	3888.7	83.834	3353.1
Stddev	2.4	69.	18.6	1.426	6.8
%RSD	.07661	.18264	.47884	1.7012	.20381
#1	3077.4	37685.	3871.8	82.610	3346.8
#2	3080.4	37550.	3908.6	85.400	3360.4
#3	3075.8	37641.	3885.6	83.491	3352.1

Sample Name: K1166-01LX5 Acquired: 1/18/2019 18:25:54 Type: Unk
Method: P4-ICP2(v2754) 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	.02037	-.00075	.11831	-.00652	.00290	3.1110	.04871	-.00008
Stddev	.00206	.00162	.00030	.00226	.00016	.0128	.00051	.00014
%RSD	10.102	216.90	.25306	34.614	5.5653	.41120	1.0457	165.75

#1	.01944	.00031	.11855	-.00404	.00308	3.1226	.04834	-.00005
#2	.02273	-.00261	.11798	-.00845	.00287	3.0973	.04849	.00004
#3	.01894	.00006	.11841	-.00706	.00276	3.1129	.04929	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	21.544	.01304	.00337	.06060	10.303	.17220	2.8207
Stddev	.00012	.012	.00017	.00011	.00065	.126	.00112	.0623
%RSD	12.433	.05631	1.2747	3.1186	1.0729	1.2273	.65131	2.2076

#1	.00109	21.555	.01323	.00331	.06022	10.232	.17242	2.8817
#2	.00086	21.545	.01298	.00349	.06135	10.227	.17320	2.8231
#3	.00093	21.531	.01292	.00331	.06022	10.449	.17099	2.7572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01225	.00024	7.7679	.01094	.09741	2.8469	.00313	.08700
Stddev	.00014	.00042	.0438	.00011	.00141	.0359	.00023	.00279
%RSD	1.1259	179.77	.56440	1.0497	1.4509	1.2594	7.3919	3.2063

#1	.01213	.00053	7.7501	.01104	.09710	2.8879	.00309	.09022
#2	.01222	-.00025	7.7357	.01082	.09618	2.8315	.00292	.08557
#3	.01240	.00043	7.8178	.01095	.09896	2.8213	.00338	.08522

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6768	5.9924	.00525	.15147	.01202	.5254	.12725	3.5626
Stddev	.0084	.0111	.00093	.00193	.00058	.0025	.00063	.1707
%RSD	.31227	.18494	17.679	1.2763	4.8608	.4700	.49619	4.7927

#1	2.6674	5.9847	.00575	.15186	.01259	.5234	.12744	3.7081
#2	2.6835	5.9874	.00583	.15318	.01142	.5282	.12776	3.3746
#3	2.6794	6.0051	.00418	.14937	.01205	.5247	.12655	3.6049

Sample Name: K1166-01LX5 Acquired: 1/18/2019 18:25:54 Type: Unk
Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5241
Stddev .3160
%RSD 12.518

#1 2.3487
#2 2.3348
#3 2.8889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.9	36946.	3667.7	79.522	3398.0
Stddev	6.0	131.	3.1	1.034	9.9
%RSD	.19922	.35477	.08327	1.3004	.29258

#1	3015.8	36797.	3666.9	79.997	3406.0
#2	3004.7	36996.	3671.1	80.234	3386.9
#3	3006.3	37045.	3665.1	78.336	3401.0

Sample Name: K1166-01MS Acquired: 1/18/2019 18:30:18 Type: Unk
Method: P4-ICP2(v2754) 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	.87300	1.8944	1.5421	1.8208	.58463	19.408	.44919
Stddev	.00687	.0081	.0046	.0083	.00231	.059	.00227
%RSD	.78683	.42604	.30162	.45501	.39454	.30502	.50436

#1	.86774	1.8995	1.5444	1.8274	.58444	19.423	.44657
#2	.88078	1.8851	1.5368	1.8115	.58243	19.343	.45045
#3	.87049	1.8986	1.5452	1.8235	.58703	19.458	.45054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20951	.19605	102.48	.46875	.21944	.57528	49.411
Stddev	.00053	.00050	.46	.00147	.00084	.00073	1.037
%RSD	.25305	.25254	.44791	.31404	.38077	.12632	2.0983

#1	.20948	.19638	101.98	.46726	.21881	.57455	48.556
#2	.21005	.19549	102.57	.46881	.21912	.57601	50.565
#3	.20899	.19630	102.88	.47020	.22039	.57528	49.113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98021	15.415	.53290	.07496	40.275	.34973	.68394
Stddev	.00144	.057	.00103	.00118	.115	.00022	.01509
%RSD	.14690	.36787	.19361	1.5748	.28554	.06177	2.2063

#1	.98159	15.453	.53356	.07490	40.200	.34954	.67041
#2	.97872	15.350	.53342	.07617	40.217	.34996	.70022
#3	.98033	15.442	.53171	.07382	40.407	.34967	.68120

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.664	.36276	.65824	F 13.593	F 30.953	.61732	.89732
Stddev	.063	.00103	.00929	.056	.205	.00255	.00319
%RSD	.28982	.28461	1.4110	.41512	.66306	.41321	.35524

#1	21.691	.36315	.66863	13.644	30.754	.61946	.89744
#2	21.592	.36159	.65533	13.532	31.164	.61450	.89407
#3	21.709	.36354	.65075	13.601	30.941	.61801	.90044

Sample Name: K1166-01MS Acquired: 1/18/2019 18:30:18 Type: Unk
Method: P4-ICP2(v2754) 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	.21941	8.337	.79359	3.3668	F<.00000
Stddev	.00209	.035	.00225	.1643	1.0466
%RSD	.95383	.4165	.28390	4.8784	3.6607

#1	.22114	8.367	.79102	3.2589	-28.765
#2	.21708	8.299	.79455	3.5559	-29.537
#3	.22001	8.344	.79521	3.2858	-27.466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.3	37528.	3814.4	82.664	3293.3
Stddev	3.5	116.	25.2	1.644	8.9
%RSD	.11501	.31025	.66097	1.9881	.26996

#1	3045.9	37592.	3843.3	84.239	3285.9
#2	3050.0	37599.	3802.9	80.960	3303.1
#3	3043.1	37394.	3797.0	82.792	3290.8

Sample Name: K1166-01MSD Acquired: 1/18/2019 18:34:22 Type: Unk
Method: P4-ICP2(v2754) 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	.86708	1.8827	1.5348	1.8121	.58153	19.277	.44471
Stddev	.00062	.0064	.0056	.0070	.00155	.100	.00333
%RSD	.07147	.34068	.36733	.38600	.26616	.51882	.74961

#1	.86700	1.8874	1.5319	1.8144	.58101	19.192	.44485
#2	.86774	1.8754	1.5313	1.8177	.58327	19.252	.44797
#3	.86651	1.8854	1.5413	1.8042	.58031	19.388	.44131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20920	.19520	101.52	.46529	.21801	.57294	48.445
Stddev	.00040	.00035	.39	.00249	.00032	.00206	.669
%RSD	.19093	.18125	.38517	.53518	.14678	.36037	1.3815

#1	.20954	.19541	101.54	.46247	.21819	.57130	49.112
#2	.20876	.19479	101.90	.46622	.21765	.57225	47.773
#3	.20930	.19541	101.12	.46718	.21821	.57526	48.450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97541	15.517	.53024	.07334	39.968	.34848	.67184
Stddev	.00105	.120	.00107	.00076	.258	.00105	.00944
%RSD	.10760	.77230	.20244	1.0349	.64649	.30231	1.4044

#1	.97584	15.571	.53110	.07254	40.054	.34820	.68007
#2	.97422	15.600	.52904	.07405	40.173	.34760	.66154
#3	.97618	15.379	.53058	.07343	39.678	.34965	.67390

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.509	.36208	.66804	F 13.486	F 30.814	.61409	.89922
Stddev	.152	.00048	.01267	.022	.194	.00293	.00854
%RSD	.70787	.13296	1.8973	.16540	.63074	.47717	.94991

#1	21.522	.36213	.66343	13.500	30.902	.61098	.89050
#2	21.654	.36254	.68237	13.460	30.949	.61448	.89960
#3	21.350	.36158	.65831	13.498	30.591	.61680	.90757

Sample Name: K1166-01MSD Acquired: 1/18/2019 18:34:22 Type: Unk
Method: P4-ICP2(v2754) 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	.21788	8.279	.78800	3.3897	F<.00000
Stddev	.00168	.008	.00405	.1421	.30402
%RSD	.77286	.0975	.51459	4.1907	1.1145
#1	.21720	8.282	.78869	3.2256	-27.169
#2	.21664	8.270	.79166	3.4735	-27.622
#3	.21980	8.286	.78364	3.4698	-27.045
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.2	37550.	3821.2	83.758	3301.4
Stddev	3.6	177.	16.7	1.192	4.3
%RSD	.11794	.47068	.43581	1.4226	.13107
#1	3049.2	37679.	3817.3	82.685	3303.3
#2	3044.2	37622.	3806.9	85.041	3304.4
#3	3042.2	37348.	3839.5	83.549	3296.4

Sample Name: K1166-01A Acquired: 1/18/2019 18:38:26 Type: Unk
Method: P4-ICP2(v2754) 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	.87351	1.8906	1.5414	1.8258	.58503	19.388	.44791
Stddev	.00152	.0025	.0037	.0086	.00390	.057	.00366
%RSD	.17454	.13185	.24166	.47347	.66685	.29261	.81801

#1	.87527	1.8897	1.5423	1.8281	.58424	19.354	.45175
#2	.87277	1.8934	1.5445	1.8163	.58158	19.453	.44751
#3	.87250	1.8886	1.5373	1.8331	.58926	19.356	.44445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20996	.19601	102.28	.46707	.21806	.57699	49.742
Stddev	.00065	.00025	.20	.00124	.00107	.00380	.278
%RSD	.31071	.12853	.20041	.26650	.49082	.65780	.55914

#1	.21012	.19621	102.49	.46765	.21709	.57601	49.798
#2	.21052	.19610	102.28	.46565	.21921	.57379	49.440
#3	.20924	.19573	102.08	.46793	.21787	.58119	49.988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97912	15.463	.53133	.07436	40.290	.35039	.68999
Stddev	.00091	.172	.00107	.00062	.262	.00061	.00084
%RSD	.09269	1.1104	.20105	.83552	.65077	.17298	.12114

#1	.97934	15.659	.53036	.07461	40.574	.34997	.69078
#2	.97812	15.390	.53247	.07482	40.239	.35010	.68912
#3	.97990	15.340	.53115	.07365	40.057	.35108	.69008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.662	.36571	.66141	F 13.575	F 30.925	.61442	.90261
Stddev	.181	.00101	.01017	.012	.163	.00106	.00505
%RSD	.83400	.27563	1.5379	.08654	.52656	.17289	.55938

#1	21.846	.36600	.66892	13.579	31.103	.61325	.90764
#2	21.654	.36459	.66548	13.585	30.892	.61533	.89754
#3	21.485	.36654	.64984	13.562	30.782	.61467	.90266

Sample Name: K1166-01A Acquired: 1/18/2019 18:38:26 Type: Unk
Method: P4-ICP2(v2754) 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	.21924	8.306	.78942	3.4205	F<.00000
Stddev	.00037	.018	.00292	.0988	.47518
%RSD	.16943	.2184	.36952	2.8877	1.6890
#1	.21898	8.326	.79273	3.5286	-28.280
#2	.21966	8.302	.78831	3.3349	-27.604
#3	.21907	8.291	.78722	3.3979	-28.520
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.8	37359.	3794.6	81.468	3286.0
Stddev	14.5	31.	21.8	.202	4.3
%RSD	.47919	.08273	.57370	.24782	.13090
#1	3020.8	37323.	3774.1	81.243	3281.1
#2	3035.2	37379.	3792.1	81.634	3287.8
#3	3006.3	37374.	3817.5	81.526	3289.2

Sample Name: K1164-04 Acquired: 1/18/2019 18:56:04 Type: Unk
Method: P4-ICP2(v2754) 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	-.00002	-.00052	.00576	-.00238	.00171	-.01192	-.00293	.00003
Stddev	.00218	.00074	.00112	.00093	.00053	.00864	.00144	.00007
%RSD	9074.9	140.85	19.388	39.241	30.817	72.466	49.352	200.28

#1	-.00039	-.00097	.00448	-.00217	.00218	-.01823	-.00377	.00000
#2	-.00200	.00033	.00632	-.00157	.00114	-.01547	-.00126	-.00001
#3	.00232	-.00093	.00649	-.00340	.00182	-.00207	-.00375	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	3.7571	.00041	-.00024	.00022	.01666	.00054	7.9068
Stddev	.00019	.0120	.00022	.00019	.00033	.01990	.00003	.0440
%RSD	412.00	.32026	52.744	78.467	151.45	119.40	5.2315	.55641

#1	.00000	3.7709	.00063	-.00003	.00059	.01478	.00057	7.9571
#2	.00011	3.7517	.00019	-.00038	-.00002	-.00222	.00054	7.8875
#3	-.00025	3.7487	.00042	-.00031	.00008	.03744	.00051	7.8757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	.00142	64.718	-.00053	-.00524	2.9945	.00031	.02164
Stddev	.00031	.00023	.136	.00040	.00007	.0331	.00023	.00859
%RSD	24.265	16.281	.21014	75.996	1.4123	1.1051	74.950	39.695

#1	-.00108	.00118	64.868	-.00007	-.00518	2.9658	.00016	.01257
#2	-.00163	.00164	64.682	-.00078	-.00523	2.9870	.00057	.02270
#3	-.00111	.00145	64.603	-.00073	-.00532	3.0307	.00019	.02966

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9144	.15583	-.00132	.00218	.01126	.0014	.05436	3.8177
Stddev	.1575	.00254	.00070	.00089	.00029	.0013	.00020	.1000
%RSD	2.6623	1.6319	52.931	40.948	2.6160	95.91	.36501	2.6188

#1	5.7432	.15466	-.00109	.00193	.01118	.0014	.05418	3.8035
#2	5.9471	.15407	-.00211	.00316	.01159	.0001	.05432	3.7255
#3	6.0530	.15874	-.00077	.00143	.01101	.0027	.05458	3.9240

Sample Name: K1164-04 Acquired: 1/18/2019 18:56:04 Type: Unk
 Method: P4-ICP2(v2754) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.8486
 Stddev .3390
 %RSD 6.9922

#1 4.9816
 #2 4.4632
 #3 5.1008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.4	36524.	3614.4	80.210	3371.5
Stddev	23.1	37.	31.3	1.608	24.0
%RSD	.76946	.10172	.86586	2.0049	.71058

#1	3031.0	36521.	3591.5	79.405	3398.4
#2	2992.4	36488.	3601.6	82.061	3363.8
#3	2989.7	36562.	3650.0	79.163	3352.4

Sample Name: CCV06 Acquired: 1/18/2019 19:21:58 Type: Unk
Method: P4-ICP2(v2755) 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	5.0531	4.9245	5.1306	4.9396	4.9090	9.9934	9.7023	.25465
Stddev	.0150	.0194	.0199	.0085	.0062	.0842	.0620	.00037
%RSD	.29675	.39499	.38781	.17184	.12518	.84224	.63935	.14556
#1	5.0473	4.9076	5.1191	4.9493	4.9076	9.9022	9.7650	.25431
#2	5.0702	4.9458	5.1536	4.9356	4.9157	10.068	9.7008	.25504
#3	5.0419	4.9203	5.1192	4.9338	4.9036	10.010	9.6410	.25461
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4673	24.325	1.0405	2.5103	1.2515	5.1891	2.5356	23.338
Stddev	.0117	.079	.0015	.0101	.0005	.1015	.0029	.127
%RSD	.47579	.32303	.14061	.40438	.03963	1.9559	.11602	.54565
#1	2.4590	24.304	1.0405	2.5001	1.2515	5.2966	2.5344	23.349
#2	2.4807	24.412	1.0420	2.5204	1.2520	5.1758	2.5390	23.459
#3	2.4621	24.260	1.0390	2.5103	1.2510	5.0949	2.5336	23.205
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3889	1.3173	23.335	2.4813	2.6147	24.630	4.9727	4.5587
Stddev	.0099	.0034	.183	.0025	.0693	.154	.0053	.0258
%RSD	.41320	.25524	.78252	.10073	2.6500	.62706	.10735	.56590
#1	2.3794	1.3207	23.528	2.4807	2.6928	24.772	4.9681	4.5441
#2	2.3991	1.3174	23.314	2.4791	2.5904	24.652	4.9786	4.5884
#3	2.3880	1.3140	23.164	2.4840	2.5607	24.465	4.9714	4.5434
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8041	5.0173	4.9691	4.9584	4.8751	4.917	4.9956	F 4.2389
Stddev	.0204	.0203	.0245	.0313	.0326	.014	.0312	.0898
%RSD	.42434	.40488	.49266	.63183	.66895	.2902	.62387	2.1175
#1	4.7808	5.0406	4.9483	4.9526	4.9039	4.901	5.0228	4.2724
#2	4.8189	5.0076	4.9961	4.9923	4.8819	4.928	5.0023	4.3072
#3	4.8125	5.0036	4.9630	4.9305	4.8397	4.922	4.9616	4.1372

Sample Name: CCV06 Acquired: 1/18/2019 19:21:58 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.3934
Stddev	.5126
%RSD	11.668

#1	4.3264
#2	3.9176
#3	4.9363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.4	36217.	3565.5	77.253	3193.5
Stddev	11.5	48.	19.1	2.128	16.2
%RSD	.38330	.13364	.53575	2.7545	.50705

#1	2982.9	36189.	3546.1	74.887	3198.2
#2	2978.9	36189.	3566.1	77.864	3175.5
#3	3000.4	36273.	3584.3	79.009	3206.9

Sample Name: CCB06 Acquired: 1/18/2019 19:25:56 Type: Unk
Method: P4-ICP2(v2755) 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	.00115	-.00069	F .00468	-.00221	.00499	-.01616	-.00351	-.00000
Stddev	.00274	.00098	.00079	.00187	.00065	.00933	.00083	.00007
%RSD	239.11	140.64	16.953	84.332	12.976	57.689	23.734	2181.3
#1	.00134	-.00162	.00532	-.00220	.00432	-.02182	-.00418	.00006
#2	-.00169	.00033	.00379	-.00408	.00562	-.02127	-.00376	.00000
#3	.00378	-.00079	.00493	-.00035	.00503	-.00540	-.00258	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01293	.00016	-.00028	.00009	.00604	.00009	.00015
Stddev	.00009	.00722	.00033	.00023	.00005	.00793	.00006	.06677
%RSD	475.54	55.827	206.85	82.405	56.967	131.29	68.065	45809.
#1	.00001	-.00520	-.00017	-.00006	.00015	-.00074	.00008	.03270
#2	-.00012	-.01950	.00016	-.00052	.00005	.01476	.00003	-.07665
#3	.00005	-.01410	.00048	-.00025	.00008	.00410	.00015	.04439
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	.00107	.11214	-.00063	-.00570	.34145	.00048	.00120
Stddev	.00027	.00070	.01463	.00046	.00009	.03693	.00044	.01164
%RSD	42.249	65.363	13.048	73.639	1.6168	10.816	92.671	965.90
#1	-.00037	.00118	.11565	-.00086	-.00563	.36687	.00081	.00024
#2	-.00092	.00032	.09607	-.00093	-.00580	.35839	.00065	-.00992
#3	-.00065	.00171	.12470	-.00010	-.00565	.29909	-.00003	.01330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00921	.00450	.00125	.00216	F .00606	.0008	.00008	F 2.9517
Stddev	.00193	.00215	.00039	.00240	.00207	.0005	.00008	.2309
%RSD	20.901	47.886	30.700	111.31	34.157	68.27	97.698	7.8244
#1	.00712	.00696	.00116	.00319	.00396	.0007	.00010	2.7447
#2	.01092	.00354	.00092	-.00059	.00810	.0014	.00015	3.2008
#3	.00960	.00299	.00168	.00388	.00612	.0003	-.00001	2.9096

Sample Name: CCB06 Acquired: 1/18/2019 19:25:56 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4365
Stddev	1.0857
%RSD	31.593

#1	4.5164
#2	2.3451
#3	3.4479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.5	38161.	3583.8	80.233	3578.2
Stddev	2.8	92.	12.0	1.611	.9
%RSD	.08806	.24219	.33493	2.0079	.02574

#1	3123.0	38122.	3571.7	78.525	3578.7
#2	3121.0	38095.	3584.0	81.725	3578.8
#3	3126.4	38267.	3595.7	80.450	3577.1

Sample Name: K1166-02 Acquired: 1/18/2019 19:33:06 Type: Unk
Method: P4-ICP2(v2755) 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	.20626	.00035	.49614	-.00626	.00710	2.1653	.19141
Stddev	.00335	.00058	.00096	.00243	.00131	.0335	.00028
%RSD	1.6233	164.68	.19316	38.778	18.466	1.5447	.14522

#1	.20681	.00089	.49724	-.00554	.00836	2.1680	.19135
#2	.20930	.00043	.49563	-.00428	.00718	2.1305	.19117
#3	.20267	-.00026	.49554	-.00897	.00575	2.1973	.19171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.00369	57.410	.02184	.00653	.23628	36.864
Stddev	.00005	.00016	.275	.00060	.00033	.00107	1.200
%RSD	7.8618	4.4480	.47883	2.7651	5.1082	.45226	3.2543

#1	-.00066	.00367	57.093	.02248	.00683	.23589	36.658
#2	-.00058	.00353	57.570	.02128	.00657	.23546	38.153
#3	-.00067	.00386	57.569	.02176	.00617	.23749	35.780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37462	22.674	.02743	-.00162	18.692	.03496	.40996
Stddev	.00047	.041	.00049	.00024	.041	.00035	.01632
%RSD	.12497	.17940	1.7890	14.747	.22166	.99805	3.9815

#1	.37431	22.720	.02797	-.00180	18.738	.03513	.40903
#2	.37439	22.658	.02732	-.00135	18.658	.03518	.42673
#3	.37516	22.643	.02701	-.00171	18.679	.03455	.39412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4942	.00420	.03747	4.1693	9.8378	.01600	.12144
Stddev	.0380	.00032	.00391	.0083	.0664	.00037	.00252
%RSD	.84486	7.5384	10.432	.19958	.67441	2.3382	2.0723

#1	4.5032	.00385	.03758	4.1748	9.8938	.01636	.11855
#2	4.5268	.00445	.04132	4.1734	9.8551	.01561	.12316
#3	4.4525	.00431	.03350	4.1597	9.7646	.01602	.12262

Sample Name: K1166-02 Acquired: 1/18/2019 19:33:06 Type: Unk
 Method: P4-ICP2(v2755) 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	.01299	.4484	.14291	2.9272	F<.00000
Stddev	.00035	.0008	.00121	.3021	.33456
%RSD	2.7148	.1834	.84669	10.322	2.8189
#1	.01259	.4485	.14251	2.7303	-12.038
#2	.01312	.4492	.14195	2.7763	-11.483
#3	.01327	.4476	.14427	3.2751	-12.084
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.9	37925.	3719.9	82.605	3434.8
Stddev	6.8	212.	25.7	3.083	10.3
%RSD	.21882	.55776	.69194	3.7325	.30061
#1	3084.6	38082.	3715.1	82.643	3429.0
#2	3093.1	38008.	3696.9	79.502	3446.7
#3	3098.0	37684.	3747.7	85.668	3428.7

Sample Name: K1170-01 Acquired: 1/18/2019 19:37:23 Type: Unk
Method: P4-ICP2(v2755) 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	.00117	-.00098	.00280	-.00193	.00216	.06581	-.00302	.00002
Stddev	.00234	.00056	.00176	.00152	.00063	.00428	.00073	.00011
%RSD	199.62	57.458	62.825	78.386	29.303	6.5032	24.075	541.37

#1	.00071	-.00082	.00254	-.00123	.00143	.06553	-.00376	.00014
#2	.00371	-.00052	.00467	-.00090	.00260	.07022	-.00300	.00002
#3	-.00090	-.00161	.00118	-.00367	.00243	.06167	-.00230	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.07284	.00042	-.00036	.01353	.03568	.00031	.06224
Stddev	.00009	.01799	.00030	.00034	.00020	.00803	.00005	.01603
%RSD	63.287	24.693	71.581	96.133	1.5130	22.494	16.818	25.763

#1	.00004	.07509	.00073	-.00072	.01329	.02706	.00035	.08023
#2	.00017	.08959	.00043	-.00030	.01364	.03705	.00025	.05702
#3	.00020	.05383	.00012	-.00005	.01366	.04294	.00032	.04946

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00007	.10222	-.00074	.03538	.39299	.00015	.03000
Stddev	.00063	.00034	.00950	.00041	.00063	.01211	.00039	.00260
%RSD	162.34	495.25	9.2965	55.716	1.7931	3.0821	253.60	8.6788

#1	.00005	.00046	.09172	-.00036	.03588	.37912	-.00005	.02699
#2	-.00000	-.00007	.10471	-.00118	.03559	.39833	.00061	.03154
#3	.00112	-.00018	.11023	-.00068	.03466	.40151	-.00009	.03146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01075	2.7975	-.00045	.00237	.00181	.0033	.00020	1.8853
Stddev	.00303	.0454	.00040	.00058	.00095	.0014	.00007	.1306
%RSD	28.230	1.6213	88.146	24.334	52.256	40.59	34.924	6.9284

#1	.01241	2.8382	-.00080	.00285	.00143	.0030	.00015	1.9517
#2	.00724	2.7486	-.00002	.00173	.00289	.0022	.00028	1.9694
#3	.01258	2.8056	-.00054	.00253	.00112	.0048	.00017	1.7348

Sample Name: K1170-01 Acquired: 1/18/2019 19:37:23 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0880
Stddev .2052
%RSD 9.8252

#1 2.2951
#2 2.0840
#3 1.8849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.1	39590.	3672.0	82.392	3706.7
Stddev	4.0	203.	24.6	1.061	21.3
%RSD	.12390	.51292	.66885	1.2875	.57507

#1	3195.2	39400.	3649.3	81.375	3689.2
#2	3203.1	39564.	3698.0	82.308	3700.5
#3	3198.8	39804.	3668.6	83.492	3730.5

Sample Name: K1186-01 Acquired: 1/18/2019 19:41:51 Type: Unk
Method: P4-ICP2(v2755) 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	-.00036	-.00092	.05935	-.00222	.00264	.05844	.00596	.00004
Stddev	.00073	.00046	.00041	.00075	.00214	.00894	.00055	.00004
%RSD	202.21	50.118	.69127	33.755	81.316	15.305	9.2007	119.86

#1	.00032	-.00106	.05939	-.00137	.00199	.05974	.00533	.00002
#2	-.00112	-.00040	.05974	-.00249	.00503	.06666	.00629	.00008
#3	-.00027	-.00129	.05892	-.00279	.00089	.04892	.00626	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.29650	.00141	-.00013	.03384	.23611	.00939	-.00231
Stddev	.00004	.01119	.00024	.00023	.00026	.00622	.00008	.09446
%RSD	51.037	3.7755	17.275	168.56	.75476	2.6333	.89852	4087.9

#1	.00005	.28357	.00146	-.00025	.03381	.23469	.00931	.05853
#2	.00011	.30311	.00163	.00013	.03411	.24291	.00948	.04567
#3	.00005	.30281	.00115	-.00028	.03360	.23072	.00939	-.11113

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	.00028	.14351	-.00047	.11658	.30737	.00036	-.01173
Stddev	.00010	.00045	.00559	.00057	.00202	.01053	.00001	.00102
%RSD	4.5833	161.49	3.8980	119.95	1.7324	3.4258	2.2811	8.7205

#1	.00200	-.00014	.14871	-.00044	.11732	.29549	.00037	-.01255
#2	.00204	.00075	.13759	.00008	.11430	.31109	.00036	-.01206
#3	.00218	.00023	.14423	-.00106	.11812	.31554	.00036	-.01059

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02494	.12334	-.00014	.00440	.00352	.0050	.00048	1.9839
Stddev	.00232	.00190	.00041	.00310	.00212	.0006	.00009	.2377
%RSD	9.2834	1.5408	286.37	70.320	60.166	11.84	19.389	11.984

#1	.02728	.12117	-.00009	.00770	.00571	.0053	.00041	2.0351
#2	.02265	.12414	.00024	.00395	.00149	.0053	.00059	1.7247
#3	.02490	.12471	-.00058	.00156	.00335	.0043	.00045	2.1919

Sample Name: K1186-01 Acquired: 1/18/2019 19:41:51 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0482
 Stddev .5310
 %RSD 25.924

#1 2.5941
 #2 1.5335
 #3 2.0171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.9	39505.	3662.2	84.325	3683.3
Stddev	10.0	33.	11.9	1.263	3.2
%RSD	.31368	.08476	.32559	1.4978	.08620

#1	3185.4	39540.	3655.7	84.283	3685.9
#2	3167.4	39500.	3675.9	85.608	3684.1
#3	3183.9	39474.	3654.8	83.083	3679.8

Sample Name: K1186-02 Acquired: 1/18/2019 19:46:17 Type: Unk
Method: P4-ICP2(v2755) 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	.00131	-.00135	.01009	-.00068	.00218	.08929	.00657	-.00003
Stddev	.00094	.00090	.00035	.00160	.00085	.00773	.00073	.00006
%RSD	71.845	66.986	3.4658	235.36	39.125	8.6627	11.086	207.10

#1	.00160	-.00156	.00969	-.00128	.00121	.08568	.00610	-.00006
#2	.00026	-.00212	.01026	-.00189	.00279	.09817	.00621	-.00007
#3	.00208	-.00036	.01033	.00113	.00254	.08402	.00741	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.39355	.00183	-.00028	.04107	.36539	.01660	-.00813
Stddev	.00004	.00774	.00014	.00019	.00033	.01076	.00025	.01879
%RSD	30.039	1.9674	7.8529	68.011	.81366	2.9447	1.5275	231.14

#1	.00013	.40110	.00176	-.00048	.04144	.36383	.01631	-.02333
#2	.00017	.38563	.00173	-.00011	.04078	.37684	.01677	.01287
#3	.00009	.39391	.00199	-.00025	.04099	.35549	.01672	-.01392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	.00014	.07038	-.00049	.19681	.27026	.00025	-.01750
Stddev	.00011	.00018	.01034	.00014	.00305	.00651	.00022	.01145
%RSD	4.7359	133.05	14.694	29.440	1.5484	2.4083	85.053	65.424

#1	.00236	.00016	.07825	-.00066	.20002	.26388	.00005	-.00837
#2	.00223	-.00006	.07422	-.00041	.19395	.27689	.00022	-.01379
#3	.00245	.00030	.05867	-.00041	.19645	.26999	.00048	-.03035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02738	.02941	-.00027	.00374	.00700	.0050	.00084	1.5957
Stddev	.00277	.00400	.00037	.00178	.00154	.0011	.00011	.1788
%RSD	10.115	13.607	139.63	47.661	22.039	22.12	13.208	11.203

#1	.02556	.02502	.00016	.00291	.00827	.0045	.00097	1.6632
#2	.02602	.03285	-.00043	.00579	.00744	.0063	.00076	1.3931
#3	.03057	.03037	-.00053	.00253	.00528	.0043	.00080	1.7310

Sample Name: K1186-02 Acquired: 1/18/2019 19:46:17 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6000
 Stddev .6012
 %RSD 23.122

#1 2.8489
 #2 3.0368
 #3 1.9143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.4	39864.	3662.7	82.650	3698.6
Stddev	15.4	174.	20.9	1.129	7.0
%RSD	.48096	.43700	.57064	1.3666	.19013

#1	3203.2	39995.	3656.7	81.583	3697.2
#2	3203.3	39930.	3685.9	83.833	3706.2
#3	3176.7	39666.	3645.4	82.533	3692.4

Sample Name: K1011-05 Acquired: 1/18/2019 19:50:44 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09202	-.01616	.22209	-.03067	.00015	120.16	.59771
Stddev	.00189	.00145	.00258	.00136	.00090	.58	.00272
%RSD	2.0569	8.9760	1.1616	4.4431	586.03	.48381	.45588

#1	.09414	-.01503	.22294	-.03108	-.00074	120.41	.60086
#2	.09050	-.01779	.21919	-.02915	.00106	120.59	.59604
#3	.09141	-.01565	.22414	-.03178	.00014	119.50	.59624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	.00921	70.751	.15167	.10195	.29354	225.23
Stddev	.00028	.00018	.088	.00257	.00082	.00091	2.26
%RSD	13.086	1.9191	.12467	1.6928	.79942	.31056	1.0029

#1	.00243	.00939	70.791	.15304	.10204	.29426	222.74
#2	.00199	.00919	70.812	.15328	.10110	.29385	227.15
#3	.00192	.00904	70.650	.14871	.10272	.29252	225.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7741	51.927	.14845	-.00932	9.4745	.36462	.51329
Stddev	.0046	.179	.00092	.00085	.0270	.00387	.00442
%RSD	.12176	.34506	.62229	9.1187	.28504	1.0605	.86093

#1	3.7708	51.977	.14888	-.01024	9.5011	.36847	.50876
#2	3.7721	51.729	.14739	-.00857	9.4471	.36466	.51759
#3	3.7793	52.077	.14908	-.00916	9.4751	.36074	.51353

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.001	.00491	.11912	3.3135	2.0531	.01808	2.9962
Stddev	.029	.00056	.00828	.0204	.0151	.00082	.0103
%RSD	.26303	11.352	6.9473	.61458	.73731	4.5317	.34324

#1	11.027	.00538	.11350	3.3214	2.0697	.01882	3.0028
#2	11.006	.00429	.12862	3.2903	2.0494	.01720	2.9843
#3	10.969	.00505	.11525	3.3287	2.0401	.01822	3.0015

Sample Name: K1011-05 Acquired: 1/18/2019 19:50:44 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12429	5.691	-.04588	.58815	F<.00000
Stddev	.00144	.016	.00288	.12134	1.1789
%RSD	1.1586	.2831	6.2857	20.631	.63377

#1	.12452	5.707	-.04300	.51827	-186.42
#2	.12560	5.674	-.04877	.72826	-186.93
#3	.12274	5.691	-.04587	.51792	-184.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.7	41990.	4154.5	77.440	3222.5
Stddev	7.6	186.	4.2	.744	8.9
%RSD	.22080	.44203	.10210	.96103	.27611

#1	3443.1	41903.	4150.4	78.231	3227.4
#2	3454.7	41864.	4154.1	76.754	3227.8
#3	3457.4	42203.	4158.9	77.336	3212.2

Sample Name: K1011-05DUP Acquired: 1/18/2019 19:55:02 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09947	-.01667	.23598	-.03027	-.00229	121.20	.59611
Stddev	.00397	.00162	.00126	.00376	.00089	1.88	.00248
%RSD	3.9884	9.7130	.53594	12.424	39.024	1.5518	.41528

#1	.09665	-.01767	.23726	-.02746	-.00328	121.23	.59441
#2	.09776	-.01754	.23473	-.03455	-.00205	119.30	.59496
#3	.10401	-.01480	.23596	-.02881	-.00154	123.06	.59895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.00966	69.035	.14902	.11065	.32358	238.70
Stddev	.00006	.00012	.610	.00280	.00032	.00164	2.72
%RSD	3.5605	1.2320	.88338	1.8798	.28984	.50745	1.1377

#1	.00182	.00970	68.758	.14945	.11102	.32422	236.56
#2	.00175	.00974	68.613	.14602	.11047	.32482	237.79
#3	.00188	.00952	69.734	.15158	.11046	.32172	241.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8437	51.936	.15845	-.00945	8.8601	.39575	.55276
Stddev	.0775	.324	.00078	.00059	.0564	.00573	.00284
%RSD	2.0162	.62320	.49462	6.2396	.63609	1.4473	.51428

#1	3.8830	52.070	.15760	-.01012	8.8214	.39767	.55398
#2	3.7544	51.567	.15862	-.00901	8.8341	.38931	.54951
#3	3.8937	52.172	.15914	-.00922	8.9248	.40027	.55478

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.124	.00931	.12538	3.5634	1.9702	.01951	3.1528
Stddev	.052	.00020	.00439	.0114	.0265	.00080	.0113
%RSD	.46720	2.1426	3.5035	.31892	1.3434	4.0992	.35781

#1	11.071	.00943	.12085	3.5694	1.9786	.01997	3.1398
#2	11.125	.00941	.12567	3.5503	1.9406	.01858	3.1585
#3	11.175	.00908	.12962	3.5705	1.9914	.01997	3.1601

Sample Name: K1011-05DUP Acquired: 1/18/2019 19:55:02 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12693	6.099	-.05649	<.00000	F<.00000
Stddev	.00173	.002	.00251	.41415	3.2384
%RSD	1.3624	.0372	4.4494	691.28	1.6050

#1	.12828	6.097	-.05479	.19044	-202.14
#2	.12498	6.099	-.05529	-.53796	-198.36
#3	.12752	6.101	-.05937	.16779	-204.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.4	43015.	4211.6	78.100	3234.6
Stddev	6.8	664.	21.7	.436	8.6
%RSD	.19310	1.5440	.51408	.55823	.26687

#1	3493.7	42760.	4202.5	78.071	3228.5
#2	3491.5	43769.	4236.3	78.550	3244.5
#3	3504.1	42516.	4196.0	77.680	3230.9

Sample Name: K1011-05LX5 Acquired: 1/18/2019 19:59:19 Type: Unk
Method: P4-ICP2(v2755) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02227	-.00417	.04888	-.00867	-.00011	25.371	.12954
Stddev	.00274	.00098	.00085	.00312	.00087	.103	.00164
%RSD	12.299	23.401	1.7367	35.995	818.39	.40684	1.2627

#1	.02277	-.00410	.04979	-.00514	.00089	25.442	.13093
#2	.02472	-.00518	.04811	-.01108	-.00044	25.253	.12774
#3	.01931	-.00323	.04875	-.00978	-.00076	25.418	.12995

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00154	15.810	.03351	.02032	.07228	44.862
Stddev	.00014	.00012	.139	.00026	.00010	.00105	.734
%RSD	77.193	8.1009	.88212	.78584	.47238	1.4582	1.6372

#1	.00003	.00141	15.868	.03328	.02040	.07325	45.360
#2	.00021	.00165	15.651	.03346	.02036	.07243	45.207
#3	.00031	.00156	15.912	.03380	.02021	.07116	44.018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86220	11.897	.02916	-.00222	2.0800	.08320	.10068
Stddev	.00205	.108	.00039	.00022	.0044	.00085	.00210
%RSD	.23805	.90527	1.3253	9.8391	.21321	1.0206	2.0886

#1	.85995	12.003	.02872	-.00213	2.0825	.08381	.10238
#2	.86396	11.788	.02944	-.00246	2.0749	.08357	.10134
#3	.86270	11.902	.02931	-.00205	2.0826	.08223	.09833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7847	.00147	.00523	.65367	.47434	.00423	.68418
Stddev	.0570	.00007	.00833	.00818	.00910	.00039	.00226
%RSD	2.0455	4.8846	159.30	1.2518	1.9175	9.1710	.32960

#1	2.8430	.00144	.01428	.64993	.46827	.00382	.68615
#2	2.7291	.00142	-.00212	.66306	.46996	.00459	.68172
#3	2.7821	.00155	.00353	.64803	.48480	.00429	.68467

Sample Name: K1011-05LX5 Acquired: 1/18/2019 19:59:19 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03228	1.126	-.00424	1.7818	F<.00000
Stddev	.00186	.003	.00081	.2111	.82882
%RSD	5.7570	.3060	19.195	11.846	3.9080

#1	.03075	1.129	-.00479	2.0255	-22.051
#2	.03434	1.122	-.00463	1.6587	-21.180
#3	.03174	1.127	-.00330	1.6612	-20.394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.2	39630.	3689.1	81.144	3490.2
Stddev	15.9	213.	38.4	1.652	1.7
%RSD	.49097	.53755	1.0406	2.0359	.04856

#1	3214.0	39416.	3658.4	79.892	3490.5
#2	3230.9	39842.	3732.1	80.525	3488.3
#3	3245.7	39632.	3676.7	83.017	3491.6

Sample Name: K1011-05MS Acquired: 1/18/2019 20:03:41 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70853	1.7473	1.1029	1.4315	.08613	135.84	.81998
Stddev	.00296	.0021	.0062	.0018	.00128	.58	.00235
%RSD	.41832	.12096	.56325	.12680	1.4835	.42557	.28663

#1	.71129	1.7484	1.1096	1.4300	.08550	135.45	.82253
#2	.70540	1.7487	1.0974	1.4310	.08529	136.51	.81950
#3	.70891	1.7449	1.1016	1.4335	.08760	135.58	.81791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16682	.18753	70.121	.50065	.29686	.53870	241.20
Stddev	.00051	.00060	.042	.00141	.00009	.00174	4.00
%RSD	.30655	.32166	.05998	.28197	.03016	.32256	1.6591

#1	.16726	.18820	70.133	.49938	.29693	.53989	238.83
#2	.16626	.18704	70.156	.50041	.29690	.53671	245.82
#3	.16693	.18734	70.074	.50217	.29676	.53950	238.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1026	51.547	.61454	.04996	10.233	.62690	.74196
Stddev	.0107	.429	.00185	.00017	.061	.00078	.01147
%RSD	.26177	.83172	.30176	.33767	.59712	.12456	1.5459

#1	4.1139	51.951	.61616	.05006	10.302	.62623	.73865
#2	4.1015	51.097	.61495	.05006	10.185	.62776	.75473
#3	4.0925	51.592	.61252	.04977	10.212	.62672	.73251

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.624	.30365	.36215	4.0968	2.4245	.61510	4.1388
Stddev	.045	.00075	.00186	.0102	.0110	.00137	.0094
%RSD	.21672	.24787	.51279	.24930	.45333	.22223	.22773

#1	20.667	.30289	.36232	4.1081	2.4320	.61393	4.1302
#2	20.577	.30439	.36021	4.0940	2.4119	.61477	4.1488
#3	20.627	.30366	.36392	4.0883	2.4296	.61660	4.1373

Sample Name: K1011-05MS Acquired: 1/18/2019 20:03:41 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30503	F 11.15	.11278	.60849	F<.00000
Stddev	.00079	.02	.00360	.12181	1.7765
%RSD	.25824	.1706	3.1937	20.018	.83674

#1	.30574	11.16	.11538	.58519	-210.37
#2	.30517	11.17	.10867	.74027	-212.70
#3	.30418	11.13	.11429	.50001	-213.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.7	42468.	4140.4	78.539	3176.4
Stddev	9.3	188.	26.5	1.193	5.9
%RSD	.26782	.44199	.64042	1.5192	.18463

#1	3482.0	42410.	4111.4	78.841	3175.6
#2	3486.0	42317.	4146.5	77.224	3182.6
#3	3468.2	42678.	4163.3	79.552	3170.9

Sample Name: K1011-05MSD Acquired: 1/18/2019 20:07:52 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70610	1.7340	1.0982	1.4261	.08722	135.02	.81028
Stddev	.00138	.0051	.0027	.0036	.00135	.77	.00262
%RSD	.19560	.29350	.24497	.25222	1.5438	.56743	.32327

#1	.70553	1.7312	1.0986	1.4261	.08610	135.30	.81261
#2	.70768	1.7399	1.1007	1.4225	.08872	134.15	.81078
#3	.70510	1.7309	1.0953	1.4297	.08685	135.61	.80745

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16629	.18597	69.278	.49851	.29492	.53879	239.66
Stddev	.00038	.00034	.159	.00250	.00026	.00432	5.40
%RSD	.22728	.18524	.22880	.50216	.08794	.80188	2.2526

#1	.16659	.18566	69.441	.50140	.29508	.53864	240.74
#2	.16642	.18634	69.269	.49692	.29462	.54319	233.80
#3	.16587	.18591	69.124	.49721	.29505	.53455	244.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0862	51.123	.61102	.04977	10.175	.62587	.73877
Stddev	.0118	.098	.00208	.00068	.044	.00165	.01272
%RSD	.28964	.19082	.34059	1.3677	.43321	.26389	1.7219

#1	4.0994	51.013	.60868	.05008	10.187	.62766	.74693
#2	4.0767	51.200	.61170	.04899	10.212	.62440	.72412
#3	4.0825	51.156	.61267	.05024	10.126	.62554	.74527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.367	.30326	.36366	4.0840	2.4039	.60880	4.1324
Stddev	.113	.00114	.01674	.0056	.0088	.00179	.0090
%RSD	.55331	.37484	4.6025	.13687	.36532	.29355	.21808

#1	20.423	.30390	.34448	4.0785	2.3940	.60896	4.1269
#2	20.441	.30393	.37116	4.0896	2.4108	.60694	4.1428
#3	20.237	.30195	.37534	4.0839	2.4069	.61050	4.1276

Sample Name: K1011-05MSD Acquired: 1/18/2019 20:07:52 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30629	F 11.11	.10922	.50399	F<.00000
Stddev	.00197	.04	.00601	.21970	1.7908
%RSD	.64434	.3436	5.5001	43.593	.85802
#1	.30485	11.12	.10998	.75503	-206.82
#2	.30549	11.07	.11480	.41019	-208.96
#3	.30854	11.14	.10286	.34676	-210.37
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.1	42619.	4179.2	78.737	3206.0
Stddev	13.2	232.	48.0	1.096	6.6
%RSD	.37846	.54402	1.1489	1.3923	.20583
#1	3486.0	42356.	4145.0	78.125	3209.3
#2	3489.2	42706.	4158.4	80.003	3198.4
#3	3510.3	42794.	4234.0	78.083	3210.4

Sample Name: K1011-05A Acquired: 1/18/2019 20:12:04 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7892 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71456	1.7408	1.0939	1.4411	.08758	134.89	.82162
Stddev	.00221	.0024	.0030	.0061	.00226	1.12	.00284
%RSD	.30946	.13979	.27799	.42256	2.5765	.82730	.34570

#1	.71314	1.7410	1.0927	1.4348	.08527	134.27	.82367
#2	.71343	1.7383	1.0916	1.4470	.08978	134.22	.81838
#3	.71711	1.7432	1.0973	1.4414	.08770	136.18	.82282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16660	.18597	70.220	.49998	.29479	.53675	248.68
Stddev	.00029	.00020	.470	.00113	.00010	.00092	2.30
%RSD	.17688	.10985	.66900	.22687	.03237	.17227	.92360

#1	.16626	.18578	70.318	.50104	.29473	.53730	246.50
#2	.16677	.18594	69.709	.49878	.29490	.53727	251.08
#3	.16678	.18619	70.633	.50011	.29474	.53568	248.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0857	51.761	.61157	.05040	10.261	.62696	.76216
Stddev	.0069	.459	.00172	.00081	.036	.00063	.00931
%RSD	.16943	.88726	.28151	1.6159	.34630	.10072	1.2213

#1	4.0843	52.089	.61328	.04947	10.277	.62651	.76067
#2	4.0795	51.236	.60984	.05074	10.220	.62669	.77212
#3	4.0932	51.957	.61160	.05099	10.285	.62769	.75369

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.564	.30348	.38654	4.0870	2.4293	.61228	4.1228
Stddev	.112	.00057	.01862	.0098	.0254	.00247	.0096
%RSD	.54356	.18742	4.8160	.24092	1.0466	.40359	.23230

#1	20.656	.30414	.36507	4.0917	2.4587	.61275	4.1220
#2	20.440	.30314	.39624	4.0756	2.4144	.60961	4.1137
#3	20.595	.30318	.39830	4.0935	2.4149	.61448	4.1328

Sample Name: K1011-05A Acquired: 1/18/2019 20:12:04 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7892 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30523	F 11.18	.10409	.48324	F<.00000
Stddev	.00115	.01	.00368	.11706	.49322
%RSD	.37560	.0781	3.5375	24.224	.23606

#1	.30567	11.19	.10615	.61714	-208.46
#2	.30610	11.17	.09984	.40027	-209.45
#3	.30393	11.18	.10628	.43233	-208.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.3	42737.	4139.6	76.131	3200.7
Stddev	3.7	148.	19.7	.827	5.6
%RSD	.10597	.34530	.47569	1.0858	.17615

#1	3489.3	42693.	4117.3	76.250	3198.1
#2	3496.6	42902.	4154.6	75.251	3207.2
#3	3494.2	42617.	4146.9	76.891	3196.9

Sample Name: CCV07 Acquired: 1/18/2019 20:16:16 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14485 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7877	4.7583	4.8535	4.7183	4.6471	9.3407	9.5210	.24183
Stddev	.0107	.0041	.0069	.0023	.0081	.0088	.2108	.00077
%RSD	.22305	.08585	.14280	.04970	.17383	.09441	2.2140	.31863
#1	4.7871	4.7539	4.8573	4.7195	4.6500	9.3505	9.7643	.24102
#2	4.7773	4.7591	4.8455	4.7197	4.6379	9.3334	9.4046	.24189
#3	4.7987	4.7620	4.8578	4.7156	4.6533	9.3382	9.3940	.24256
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3592	23.613	.97666	2.3767	1.2025	5.0486	2.3877	23.015
Stddev	.0016	.254	.00328	.0028	.0036	.0587	.0036	.308
%RSD	.06626	1.0762	.33613	.11955	.30005	1.1617	.15204	1.3402
#1	2.3596	23.902	.97431	2.3796	1.1995	4.9832	2.3835	23.319
#2	2.3574	23.426	.98041	2.3739	1.2015	5.0964	2.3902	22.702
#3	2.3605	23.510	.97526	2.3766	1.2065	5.0663	2.3894	23.025
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3047	1.2247	23.253	2.3944	2.5504	24.368	4.8364	F 4.4805
Stddev	.0016	.0033	.521	.0036	.0218	.442	.0032	.0650
%RSD	.06889	.26769	2.2425	.15141	.85457	1.8119	.06617	1.4517
#1	2.3034	1.2227	23.855	2.3915	2.5550	24.874	4.8369	4.5556
#2	2.3042	1.2285	22.974	2.3932	2.5696	24.172	4.8330	4.4426
#3	2.3064	1.2230	22.931	2.3985	2.5267	24.059	4.8393	4.4432
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6944	4.8625	4.6865	4.7470	4.8063	4.699	4.8273	F 3.1485
Stddev	.0115	.0513	.0050	.0582	.0990	.004	.0785	.1414
%RSD	.24415	1.0547	.10699	1.2252	2.0597	.0953	1.6253	4.4913
#1	4.7069	4.9211	4.6918	4.8139	4.9201	4.703	4.9166	3.0526
#2	4.6921	4.8258	4.6818	4.7084	4.7586	4.694	4.7962	3.3109
#3	4.6843	4.8406	4.6858	4.7187	4.7402	4.700	4.7692	3.0821

Sample Name: CCV07 Acquired: 1/18/2019 20:16:16 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14485 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.2471
Stddev	.3617
%RSD	8.5153

#1	4.0357
#2	4.0410
#3	4.6647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.3	37674.	3562.6	76.739	3286.1
Stddev	6.0	132.	52.8	.739	5.9
%RSD	.19638	.35147	1.4828	.96338	.17853

#1	3076.4	37657.	3502.8	76.523	3282.3
#2	3086.2	37551.	3582.4	76.131	3292.8
#3	3075.2	37814.	3602.7	77.562	3283.1

Sample Name: CCB07 Acquired: 1/18/2019 20:20:17 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14485 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	-.00031	F .00408	-.00055	.00354	-.01502	-.00214	.00003
Stddev	.00312	.00030	.00051	.00045	.00219	.00740	.00070	.00008
%RSD	100.53	96.816	12.534	81.354	61.817	49.247	32.568	266.55

#1	.00510	-.00009	.00458	-.00104	.00561	-.01244	-.00188	-.00004
#2	-.00049	-.00019	.00409	-.00046	.00377	-.02336	-.00162	.00001
#3	.00470	-.00065	.00356	-.00015	.00125	-.00926	-.00294	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00490	.00015	-.00054	-.00028	.00127	.00006	.03825
Stddev	.00006	.02096	.00009	.00026	.00058	.00151	.00009	.03423
%RSD	146.84	427.51	55.881	47.757	204.00	118.60	152.30	89.492

#1	-.00010	-.01810	.00023	-.00078	.00018	.00273	.00015	.02508
#2	.00002	.01927	.00017	-.00027	-.00009	.00137	.00004	.01256
#3	-.00004	-.01588	.00006	-.00058	-.00094	-.00028	-.00002	.07711

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00105	.01709	-.00049	-.00526	.34556	.00051	.00077
Stddev	.00030	.00035	.01610	.00051	.00013	.05275	.00024	.00167
%RSD	147.42	33.197	94.209	104.87	2.4018	15.266	45.893	216.57

#1	.00014	.00075	.03450	.00009	-.00534	.28782	.00066	.00107
#2	-.00034	.00143	.01404	-.00089	-.00532	.35761	.00024	-.00103
#3	-.00041	.00097	.00273	-.00067	-.00511	.39124	.00064	.00227

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00872	.00295	.00177	.00098	F .00836	.0022	.00007	F 1.9352
Stddev	.00128	.00241	.00040	.00072	.00082	.0012	.00014	.0206
%RSD	14.691	81.671	22.733	73.306	9.7616	54.96	209.06	1.0634

#1	.00790	.00017	.00220	.00135	.00820	.0017	.00022	1.9571
#2	.00807	.00425	.00172	.00015	.00925	.0037	-.00006	1.9163
#3	.01020	.00444	.00140	.00144	.00764	.0014	.00005	1.9323

Sample Name: CCB07 Acquired: 1/18/2019 20:20:17 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14485 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8607
Stddev .3595
%RSD 12.569

#1 2.4955
#2 2.8723
#3 3.2143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.1	39153.	3581.8	81.392	3646.8
Stddev	10.1	27.	14.3	1.492	3.5
%RSD	.31667	.06929	.39921	1.8330	.09712

#1	3172.1	39144.	3593.7	82.867	3642.7
#2	3181.9	39132.	3585.7	81.425	3648.4
#3	3192.2	39184.	3566.0	79.883	3649.2

Sample Name: K1011-07 Acquired: 1/18/2019 20:24:46 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10225	-.02281	.13151	-.02911	-.00280	135.69	.88006
Stddev	.00284	.00166	.00154	.00514	.00217	.33	.01406
%RSD	2.7745	7.2630	1.1743	17.674	77.510	.24160	1.5971

#1	.10539	-.02189	.13140	-.02318	-.00491	135.39	.88793
#2	.09988	-.02472	.13311	-.03180	-.00291	135.66	.88842
#3	.10147	-.02181	.13003	-.03235	-.00058	136.04	.86383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	.01042	137.26	.18124	.11655	.24782	252.89
Stddev	.00004	.00031	1.72	.00097	.00042	.00201	1.85
%RSD	1.4051	2.9726	1.2557	.53440	.36315	.80943	.73242

#1	.00289	.01067	138.00	.18160	.11609	.24660	254.93
#2	.00295	.01008	138.48	.18014	.11663	.24672	251.32
#3	.00288	.01052	135.29	.18197	.11692	.25013	252.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7645	76.980	.16527	-.01147	7.1513	.36450	.54855
Stddev	.0227	1.419	.00141	.00066	.1194	.00148	.00676
%RSD	.47671	1.8433	.85270	5.7554	1.6692	.40599	1.2328

#1	4.7404	77.885	.16365	-.01076	7.2258	.36286	.55635
#2	4.7675	77.710	.16618	-.01206	7.2145	.36575	.54428
#3	4.7856	75.345	.16599	-.01159	7.0136	.36489	.54502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.693	.00198	.19109	3.3973	3.0386	.01983	3.8898
Stddev	.334	.00032	.01461	.0069	.0415	.00079	.0211
%RSD	1.5377	16.362	7.6451	.20397	1.3655	4.0081	.54352

#1	21.862	.00234	.19594	3.4032	3.0528	.01910	3.8996
#2	21.909	.00171	.17467	3.3897	3.0711	.01971	3.9042
#3	21.309	.00190	.20265	3.3991	2.9919	.02068	3.8655

Sample Name: K1011-07 Acquired: 1/18/2019 20:24:46 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16600	7.365	.10394	<.00000	F<.00000
Stddev	.00159	.017	.00516	.05192	.98401
%RSD	.95906	.2271	4.9633	29.530	.45523
#1	.16526	7.354	.10383	-.21126	-215.57
#2	.16783	7.357	.10915	-.11622	-215.61
#3	.16491	7.384	.09883	-.19995	-217.29
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.1	42877.	4231.0	78.080	3161.8
Stddev	8.9	62.	60.3	.842	3.2
%RSD	.25257	.14505	1.4259	1.0782	.10107
#1	3500.9	42859.	4194.6	77.107	3159.5
#2	3518.5	42947.	4197.7	78.570	3165.5
#3	3508.0	42827.	4300.6	78.561	3160.5

Sample Name: K1015-09 Acquired: 1/18/2019 20:29:12 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15257	-.01608	.31349	-.02812	-.00422	135.94	.64843
Stddev	.00086	.00198	.00189	.00522	.00134	.10	.00446
%RSD	.56091	12.302	.60376	18.556	31.664	.07365	.68750

#1	.15254	-.01786	.31567	-.03202	-.00337	135.93	.65353
#2	.15172	-.01641	.31234	-.03014	-.00576	136.05	.64526
#3	.15343	-.01395	.31245	-.02219	-.00352	135.85	.64651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.01314	40.082	.21704	.14267	.31536	313.76
Stddev	.00005	.00033	.338	.00110	.00040	.00012	4.84
%RSD	1.6824	2.5479	.84428	.50635	.28059	.03835	1.5426

#1	.00275	.01339	40.461	.21790	.14313	.31530	308.43
#2	.00279	.01327	39.810	.21741	.14248	.31550	314.96
#3	.00270	.01276	39.976	.21580	.14241	.31528	317.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6543	36.592	.18759	-.01114	6.2791	.46525	.72515
Stddev	.0193	.329	.00043	.00061	.0571	.00060	.00679
%RSD	.41507	.89914	.23007	5.4897	.90930	.12966	.93646

#1	4.6322	36.963	.18710	-.01184	6.3415	.46531	.71893
#2	4.6625	36.333	.18791	-.01086	6.2296	.46462	.72413
#3	4.6681	36.481	.18777	-.01072	6.2662	.46582	.73240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0564	.00369	.07435	3.2777	2.3501	.03122	2.8349
Stddev	.0447	.00010	.00822	.0101	.0491	.00023	.0021
%RSD	.63299	2.5982	11.052	.30707	2.0870	.73448	.07486

#1	7.1012	.00375	.07477	3.2886	2.3382	.03127	2.8364
#2	7.0562	.00374	.08235	3.2758	2.3081	.03142	2.8325
#3	7.0118	.00358	.06593	3.2688	2.4040	.03097	2.8359

Sample Name: K1015-09 Acquired: 1/18/2019 20:29:12 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-011719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12395	7.370	-.19642	<.00000	F<.00000
Stddev	.00170	.035	.00580	.12973	1.7534
%RSD	1.3749	.4737	2.9526	5.9700	.59770

#1	.12576	7.396	-.18997	-2.0341	-293.05
#2	.12238	7.384	-.19808	-2.2910	-291.76
#3	.12372	7.330	-.20121	-2.1942	-295.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.4	46632.	4627.2	81.044	3294.2
Stddev	15.6	122.	45.7	.940	16.3
%RSD	.40593	.26086	.98728	1.1600	.49608

#1	3845.2	46496.	4575.5	82.014	3287.4
#2	3816.6	46670.	4662.2	80.981	3282.5
#3	3841.5	46730.	4643.8	80.137	3312.9

Sample Name: K1015-11 Acquired: 1/18/2019 20:33:38 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14432	-.02953	.11665	-.02212	-.00579	114.21	.68304
Stddev	.00273	.00087	.00200	.00126	.00132	.26	.00201
%RSD	1.8908	2.9486	1.7158	5.7126	22.867	.22977	.29404

#1	.14278	-.02852	.11893	-.02247	-.00665	113.92	.68242
#2	.14270	-.03003	.11518	-.02318	-.00646	114.30	.68141
#3	.14747	-.03003	.11584	-.02072	-.00427	114.42	.68528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.01443	51.281	.22397	.18355	.57164	361.61
Stddev	.00017	.00036	.317	.00041	.00069	.00202	3.39
%RSD	6.3963	2.4655	.61788	.18118	.37763	.35353	.93811

#1	.00247	.01480	50.991	.22397	.18304	.57336	358.35
#2	.00277	.01409	51.233	.22356	.18328	.57214	361.37
#3	.00276	.01442	51.619	.22437	.18434	.56941	365.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1925	49.095	.26313	-.00967	4.8855	.43619	.61462
Stddev	.0307	.212	.00026	.00029	.0134	.00028	.00402
%RSD	.59138	.43206	.09981	3.0064	.27503	.06442	.65438

#1	5.2276	49.126	.26290	-.00988	4.9006	.43587	.61187
#2	5.1792	48.869	.26308	-.00934	4.8749	.43635	.61276
#3	5.1707	49.290	.26342	-.00979	4.8809	.43637	.61924

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8043	.00060	.12280	F 11.819	1.6590	.01782	4.3564
Stddev	.0373	.00006	.00770	.065	.0124	.00036	.0050
%RSD	.38074	9.3343	6.2677	.54616	.74846	2.0078	.11418

#1	9.8049	.00066	.11640	11.781	1.6691	.01746	4.3529
#2	9.8414	.00054	.12066	11.783	1.6451	.01818	4.3621
#3	9.7667	.00060	.13134	11.894	1.6629	.01784	4.3542

Sample Name: K1015-11 Acquired: 1/18/2019 20:33:38 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-011719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14598	9.228	-.23609	<.00000	F<.00000
Stddev	.00098	.043	.00349	.13016	2.7933
%RSD	.67177	.4661	1.4769	3.5607	.82624

#1	.14591	9.210	-.23277	-3.6459	-334.96
#2	.14700	9.197	-.23579	-3.7901	-338.89
#3	.14504	9.277	-.23972	-3.5303	-340.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3991.5	49003.	4777.1	78.813	3261.9
Stddev	3.2	35.	8.1	.475	19.8
%RSD	.07980	.07150	.16861	.60331	.60688

#1	3993.9	48973.	4771.6	79.213	3278.8
#2	3987.9	48995.	4786.4	78.938	3266.7
#3	3992.7	49041.	4773.3	78.287	3240.1

Sample Name: K1173-01 Acquired: 1/18/2019 20:38:03 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19249	.00351	-.02638	-.03903	-.00288	55.219	.20402
Stddev	.00254	.00069	.00226	.00118	.00118	.501	.00074
%RSD	1.3171	19.601	8.5737	3.0273	41.035	.90655	.36196

#1	.18963	.00289	-.02379	-.03790	-.00354	54.807	.20317
#2	.19341	.00338	-.02745	-.04026	-.00358	55.073	.20446
#3	.19444	.00425	-.02791	-.03894	-.00152	55.776	.20444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.01068	2.9491	.13502	.03948	.05414	308.28
Stddev	.00005	.00005	.0176	.00081	.00017	.00050	.77
%RSD	5.1216	.51355	.59747	.60265	.43621	.91560	.24828

#1	.00112	.01063	2.9340	.13475	.03931	.05359	307.57
#2	.00101	.01067	2.9684	.13593	.03966	.05427	308.19
#3	.00107	.01074	2.9449	.13436	.03947	.05456	309.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88955	6.3824	.02690	-.01405	16.435	.25586	.35303
Stddev	.00040	.0391	.00045	.00022	.093	.00192	.00091
%RSD	.04501	.61212	1.6623	1.5317	.56859	.75029	.25816

#1	.88997	6.3381	.02674	-.01404	16.365	.25440	.35384
#2	.88953	6.4119	.02740	-.01427	16.541	.25803	.35322
#3	.88917	6.3972	.02655	-.01384	16.398	.25514	.35205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.549	-.00185	.00973	1.7689	2.6575	.00619	.49355
Stddev	.095	.00062	.00556	.0088	.0410	.00070	.00470
%RSD	.90014	33.540	57.155	.49777	1.5423	11.316	.95299

#1	10.445	-.00256	.01524	1.7588	2.6334	.00601	.49326
#2	10.574	-.00145	.00411	1.7727	2.7049	.00559	.49839
#3	10.630	-.00153	.00985	1.7751	2.6343	.00696	.48900

Sample Name: K1173-01 Acquired: 1/18/2019 20:38:03 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05279	3.101	-.28251	.98618	F<.00000
Stddev	.00196	.015	.00080	.10674	1.4423
%RSD	3.7136	.4787	.28197	10.824	.52994

#1	.05456	3.085	-.28179	1.0685	-270.97
#2	.05312	3.113	-.28238	1.0245	-273.77
#3	.05068	3.106	-.28336	.86557	-271.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.7	41014.	3846.7	79.674	3384.2
Stddev	4.5	134.	39.6	.270	9.4
%RSD	.13294	.32772	1.0289	.33892	.27730

#1	3350.2	41102.	3843.4	79.496	3380.1
#2	3343.7	40859.	3808.9	79.540	3377.6
#3	3352.2	41080.	3887.9	79.984	3395.0

Sample Name: K1173-03 Acquired: 1/18/2019 20:42:17 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11395	.00159	.01496	-.02335	-.00136	26.503	.14160
Stddev	.00182	.00061	.00163	.00080	.00105	.147	.00108
%RSD	1.5980	38.393	10.904	3.4300	76.952	.55648	.76320

#1	.11203	.00200	.01589	-.02425	-.00180	26.383	.14194
#2	.11418	.00187	.01307	-.02305	-.00212	26.457	.14038
#3	.11565	.00089	.01591	-.02273	-.00017	26.668	.14246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.00529	2.8301	.08385	.01795	.03180	154.76
Stddev	.00008	.00007	.0343	.00088	.00009	.00013	2.18
%RSD	18.799	1.3780	1.2126	1.0550	.48597	.40715	1.4110

#1	-.00050	.00536	2.8432	.08439	.01788	.03179	154.28
#2	-.00037	.00521	2.8560	.08283	.01805	.03194	157.15
#3	-.00036	.00529	2.7912	.08432	.01791	.03168	152.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49752	3.7578	.01161	-.00776	30.631	.17934	.20274
Stddev	.00086	.0452	.00029	.00057	.094	.00098	.00177
%RSD	.17323	1.2024	2.5192	7.3150	.30645	.54710	.87467

#1	.49696	3.7204	.01130	-.00789	30.576	.18024	.20391
#2	.49707	3.8080	.01165	-.00714	30.578	.17830	.20361
#3	.49851	3.7451	.01188	-.00825	30.739	.17948	.20070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1229	-.00067	.00719	1.8953	2.2102	.00448	.29607
Stddev	.0456	.00025	.01070	.0105	.0493	.00083	.00456
%RSD	.63969	37.416	148.73	.55259	2.2308	18.463	1.5390

#1	7.1750	-.00045	.01132	1.8971	2.2632	.00496	.30120
#2	7.1031	-.00061	.01522	1.8841	2.1657	.00353	.29452
#3	7.0906	-.00094	-.00495	1.9048	2.2017	.00496	.29250

Sample Name: K1173-03 Acquired: 1/18/2019 20:42:17 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02789	1.492	-.12439	1.6256	F<.00000
Stddev	.00107	.006	.00232	.2189	.92897
%RSD	3.8262	.4231	1.8644	13.463	.82822
#1	.02710	1.496	-.12388	1.4875	-113.17
#2	.02911	1.485	-.12693	1.5114	-111.33
#3	.02747	1.496	-.12237	1.8780	-111.99
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.0	39718.	3714.3	80.128	3437.4
Stddev	8.5	145.	6.0	.893	5.6
%RSD	.26349	.36514	.16181	1.1147	.16168
#1	3242.2	39800.	3707.5	80.002	3432.2
#2	3233.5	39804.	3718.8	79.304	3443.3
#3	3250.5	39551.	3716.7	81.077	3436.9

Sample Name: K1173-05 Acquired: 1/18/2019 20:46:36 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20855	.00373	.25223	-.02602	-.00125	123.43	.56311
Stddev	.00298	.00133	.00319	.00166	.00053	.36	.00407
%RSD	1.4300	35.589	1.2649	6.3771	42.231	.29263	.72335

#1	.20511	.00434	.25548	-.02774	-.00123	123.81	.56645
#2	.21043	.00221	.24911	-.02442	-.00073	123.39	.56430
#3	.21011	.00464	.25212	-.02591	-.00178	123.09	.55857

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	.01080	12.511	.25446	.04872	.12454	289.77
Stddev	.00020	.00005	.047	.00172	.00038	.00089	4.93
%RSD	5.5583	.42090	.37385	.67570	.78056	.71125	1.7021

#1	.00372	.01085	12.460	.25456	.04895	.12543	284.10
#2	.00339	.01077	12.551	.25613	.04893	.12453	293.00
#3	.00376	.01077	12.521	.25269	.04828	.12366	292.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1737	11.580	.06137	-.01288	1.2368	.42910	.68797
Stddev	.0016	.117	.00096	.00056	.0075	.00199	.00894
%RSD	.13346	1.0101	1.5710	4.3125	.60229	.46476	1.2997

#1	1.1753	11.535	.06027	-.01335	1.2299	.43061	.67793
#2	1.1734	11.713	.06205	-.01227	1.2358	.42684	.69507
#3	1.1722	11.492	.06179	-.01302	1.2447	.42985	.69091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.619	.00355	.02891	1.1206	4.2311	.02551	.76061
Stddev	.025	.00018	.01245	.0098	.0183	.00076	.00854
%RSD	.23308	5.1651	43.048	.87484	.43268	2.9900	1.1227

#1	10.612	.00336	.01639	1.1093	4.2419	.02463	.75114
#2	10.646	.00357	.04128	1.1258	4.2414	.02598	.76296
#3	10.598	.00373	.02907	1.1267	4.2099	.02592	.76773

Sample Name: K1173-05 Acquired: 1/18/2019 20:46:36 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11159	3.689	-.15243	<.00000	F<.00000
Stddev	.00217	.006	.00462	.27663	.71849
%RSD	1.9429	.1514	3.0321	151.96	.27514
#1	.10972	3.692	-.14710	-.15399	-261.85
#2	.11397	3.683	-.15530	.07950	-260.41
#3	.11109	3.693	-.15489	-.47162	-261.16
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.1	43129.	4109.6	80.362	3381.0
Stddev	4.8	152.	35.7	1.117	1.4
%RSD	.13524	.35159	.86871	1.3893	.04243
#1	3550.8	42978.	4095.2	81.623	3380.4
#2	3560.1	43129.	4083.4	79.499	3382.6
#3	3557.4	43281.	4150.2	79.964	3380.0

Sample Name: K1173-07 Acquired: 1/18/2019 20:50:56 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30331	.00636	.13842	-.03657	-.00526	99.617	.41896
Stddev	.00460	.00146	.00477	.00260	.00069	.342	.00223
%RSD	1.5157	22.886	3.4492	7.1160	13.037	.34347	.53268

#1	.29926	.00477	.14392	-.03517	-.00536	99.301	.41724
#2	.30831	.00669	.13536	-.03497	-.00452	99.570	.42148
#3	.30236	.00763	.13597	-.03957	-.00588	99.980	.41817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.01227	13.392	.28069	.02802	.12465	343.48
Stddev	.00023	.00025	.045	.00106	.00024	.00158	8.56
%RSD	11.374	2.0425	.33867	.37933	.86145	1.2685	2.4917

#1	.00188	.01244	13.341	.28033	.02775	.12635	333.91
#2	.00231	.01238	13.429	.27985	.02813	.12323	350.40
#3	.00195	.01198	13.404	.28189	.02820	.12436	346.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45540	12.502	.01220	-.01497	2.6767	.40963	.41827
Stddev	.00031	.208	.00082	.00060	.0168	.00121	.01020
%RSD	.06835	1.6616	6.7602	3.9873	.62625	.29509	2.4388

#1	.45504	12.357	.01241	-.01564	2.6694	.40986	.40987
#2	.45560	12.740	.01290	-.01449	2.6959	.40832	.42962
#3	.45556	12.409	.01129	-.01477	2.6649	.41070	.41533

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.993	-.00033	.02080	3.3380	3.7285	.01166	.46409
Stddev	.233	.00038	.01574	.0158	.0364	.00079	.00461
%RSD	1.3694	116.20	75.662	.47440	.97571	6.7464	.99302

#1	16.864	-.00066	.00362	3.3503	3.7590	.01256	.46244
#2	17.262	.00009	.03451	3.3202	3.7383	.01134	.46929
#3	16.854	-.00042	.02427	3.3437	3.6882	.01109	.46053

Sample Name: K1173-07 Acquired: 1/18/2019 20:50:56 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3425 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09863	3.610	-.23433	.36592	F<.00000
Stddev	.00227	.013	.00916	.09751	2.4650
%RSD	2.3043	.3719	3.9074	26.649	.79527

#1	.09727	3.623	-.22415	.35649	-309.14
#2	.10126	3.596	-.24189	.46781	-307.99
#3	.09737	3.611	-.23695	.27346	-312.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.0	41347.	3935.4	78.753	3353.3
Stddev	8.8	73.	22.8	1.713	15.4
%RSD	.25885	.17614	.57961	2.1750	.45775

#1	3402.6	41357.	3929.2	80.207	3335.8
#2	3385.3	41269.	3916.3	76.865	3364.7
#3	3391.2	41414.	3960.6	79.187	3359.2

Sample Name: K1180-01 Acquired: 1/18/2019 20:55:17 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08064	-.00847	-.01398	-.02939	-.00403	95.556	.12507
Stddev	.00340	.00120	.00174	.00383	.00071	.404	.00103
%RSD	4.2207	14.172	12.465	13.020	17.658	.42272	.82733

#1	.07688	-.00721	-.01481	-.03263	-.00432	95.102	.12545
#2	.08155	-.00960	-.01197	-.02517	-.00455	95.689	.12585
#3	.08350	-.00858	-.01515	-.03037	-.00322	95.876	.12389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	.00830	71.744	-.00141	.11490	1.5969	229.82
Stddev	.00022	.00014	.201	.00018	.00119	.0070	2.34
%RSD	9.6635	1.6598	.28004	12.619	1.0360	.43595	1.0170

#1	-.00245	.00831	71.681	-.00146	.11384	1.5888	229.59
#2	-.00203	.00843	71.969	-.00156	.11618	1.6015	227.61
#3	-.00235	.00815	71.582	-.00121	.11467	1.6003	232.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4473	33.113	.05837	-.01152	10.389	.51292	.28139
Stddev	.0015	.291	.00129	.00047	.094	.00239	.00168
%RSD	.10557	.87980	2.2179	4.0908	.90150	.46515	.59649

#1	1.4483	33.218	.05694	-.01124	10.412	.51129	.28192
#2	1.4481	33.337	.05871	-.01206	10.470	.51566	.27951
#3	1.4456	32.783	.05946	-.01126	10.287	.51181	.28274

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4126	-.00025	.03726	1.6525	.51321	.00970	2.2322
Stddev	.0600	.00031	.00969	.0066	.00158	.00066	.0051
%RSD	.80960	126.81	26.008	.39701	.30761	6.8065	.22973

#1	7.4421	.00006	.04375	1.6551	.51262	.00992	2.2346
#2	7.4522	-.00024	.02612	1.6573	.51201	.00896	2.2263
#3	7.3436	-.00057	.04190	1.6450	.51500	.01022	2.2357

Sample Name: K1180-01 Acquired: 1/18/2019 20:55:17 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08934	F 10.06	-.06985	1.1033	F<.00000
Stddev	.00134	.06	.00272	.1324	1.1487
%RSD	1.4962	.5795	3.8914	11.999	.62749
#1	.09054	10.06	-.06847	.95127	-182.39
#2	.08959	10.12	-.06810	1.1657	-182.43
#3	.08790	10.01	-.07298	1.1929	-184.40
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.3	41117.	3917.9	78.507	3300.8
Stddev	8.5	39.	32.2	.482	14.2
%RSD	.25359	.09478	.82178	.61352	.43076
#1	3369.0	41130.	3897.9	78.294	3303.1
#2	3355.6	41147.	3900.7	79.058	3285.5
#3	3353.2	41072.	3955.0	78.168	3313.6

Sample Name: K1185-02 Acquired: 1/18/2019 20:59:29 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A0C22-02D-(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27509	.00997	.03177	-.04182	-.00894	159.92	.62601
Stddev	.00786	.00148	.00734	.00922	.00235	.91	.00047
%RSD	2.8559	14.868	23.093	22.039	26.303	.56644	.07572

#1	.28283	.01004	.02495	-.03120	-.00728	160.94	.62592
#2	.27531	.01142	.03083	-.04655	-.00791	159.60	.62559
#3	.26712	.00845	.03953	-.04771	-.01163	159.22	.62653

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00858	.01712	16.601	.31875	.06557	.14613	479.18
Stddev	.00015	.00017	.095	.00221	.00046	.00315	15.14
%RSD	1.7621	1.0046	.57448	.69463	.69394	2.1559	3.1594

#1	.00858	.01692	16.492	.32068	.06548	.14320	494.51
#2	.00844	.01719	16.668	.31924	.06517	.14573	478.81
#3	.00874	.01725	16.644	.31633	.06607	.14946	464.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2659	20.707	.06988	-.01883	1.0497	.54703	.64603
Stddev	.0025	.143	.00034	.00177	.0230	.00177	.01782
%RSD	.20098	.69084	.49186	9.3984	2.1926	.32292	2.7584

#1	1.2688	20.696	.07010	-.01708	1.0354	.54640	.66296
#2	1.2644	20.569	.06949	-.01879	1.0374	.54567	.64769
#3	1.2644	20.854	.07006	-.02061	1.0762	.54903	.62744

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.553	.00193	.04441	1.9608	2.7849	.01665	.71807
Stddev	.040	.00028	.02219	.0091	.0235	.00028	.00717
%RSD	.34473	14.545	49.958	.46291	.84267	1.7000	.99802

#1	11.560	.00218	.06759	1.9701	2.7693	.01671	.71264
#2	11.510	.00163	.04225	1.9603	2.7734	.01635	.71538
#3	11.588	.00200	.02338	1.9519	2.8119	.01691	.72620

Sample Name: K1185-02 Acquired: 1/18/2019 20:59:29 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A0C22-02D-(1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24474	4.224	-.43952	<.00000	F<.00000
Stddev	.00277	.008	.01724	.18786	2.6127
%RSD	1.1333	.1915	3.9228	38.948	.56130

#1	.24627	4.215	-.45696	-.28003	-467.50
#2	.24154	4.230	-.43911	-.51572	-462.52
#3	.24642	4.227	-.42248	-.65128	-466.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.9	42421.	4064.9	78.078	3265.5
Stddev	2.6	101.	22.9	2.108	2.3
%RSD	.07398	.23868	.56448	2.7001	.07159

#1	3494.8	42314.	4091.2	76.015	3262.9
#2	3489.8	42436.	4054.3	77.990	3266.3
#3	3491.1	42514.	4049.1	80.229	3267.3

Sample Name: K1189-01 Acquired: 1/18/2019 21:03:49 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30419	-.02224	.09319	-.05169	-.00368	337.38	1.8676
Stddev	.00201	.00074	.00482	.00388	.00155	1.51	.0218
%RSD	.66105	3.3215	5.1752	7.5075	41.993	.44652	1.1650

#1	.30471	-.02170	.08917	-.05085	-.00529	336.01	1.8909
#2	.30589	-.02193	.09186	-.04831	-.00221	337.14	1.8641
#3	.30197	-.02308	.09854	-.05593	-.00354	339.00	1.8478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02387	.02435	17.266	.62060	.25604	.37883	604.25
Stddev	.00029	.00039	.132	.00282	.00114	.00380	6.51
%RSD	1.2178	1.5943	.76619	.45445	.44490	1.0039	1.0779

#1	.02417	.02417	17.382	.61833	.25473	.37599	609.20
#2	.02386	.02408	17.294	.61970	.25657	.37735	606.67
#3	.02358	.02479	17.122	.62376	.25682	.38315	596.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8030	126.77	.44024	-.02083	3.0566	1.1545	1.0814
Stddev	.0196	1.38	.00353	.00055	.0357	.0028	.0124
%RSD	.28768	1.0863	.80279	2.6419	1.1695	.24380	1.1517

#1	6.7888	128.26	.43620	-.02117	3.0965	1.1512	1.0931
#2	6.7949	126.48	.44278	-.02019	3.0459	1.1560	1.0829
#3	6.8253	125.56	.44173	-.02112	3.0274	1.1563	1.0683

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	98.884	.00655	.17167	1.6609	3.6491	.03836	5.8008
Stddev	.990	.00026	.01230	.0048	.0908	.00100	.0042
%RSD	1.0007	3.9447	7.1666	.28728	2.4890	2.6104	.07266

#1	99.963	.00627	.18580	1.6624	3.7474	.03892	5.7991
#2	98.671	.00659	.16581	1.6647	3.6315	.03895	5.8056
#3	98.019	.00678	.16338	1.6555	3.5683	.03720	5.7977

Sample Name: K1189-01 Acquired: 1/18/2019 21:03:49 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200034 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.59009	6.243	-.40753	<.00000	F<.00000
Stddev	.00176	.037	.00745	.30188	8.5396
%RSD	.29768	.5958	1.8278	20.130	1.3719

#1	.59141	6.202	-.41374	-1.7910	-631.10
#2	.59076	6.252	-.40956	-1.5198	-622.26
#3	.58810	6.274	-.39927	-1.1883	-614.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.2	43480.	4341.3	75.748	3000.2
Stddev	10.1	116.	49.6	.977	6.0
%RSD	.27914	.26761	1.1420	1.2893	.19950

#1	3624.9	43576.	4291.5	74.877	3006.1
#2	3620.8	43513.	4341.6	75.562	2994.1
#3	3605.8	43350.	4390.7	76.803	3000.3

Sample Name: CCV08 Acquired: 1/18/2019 21:08:17 Type: Unk
Method: P4-ICP2(v2755) 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	4.8395	4.8399	4.8922	4.7642	4.6992	9.4172	9.6668	.24588
Stddev	.0085	.0153	.0182	.0175	.0053	.0638	.1014	.00083
%RSD	.17611	.31644	.37168	.36735	.11237	.67736	1.0492	.33558
#1	4.8335	4.8239	4.8741	4.7441	4.6946	9.3571	9.7820	.24586
#2	4.8357	4.8412	4.8919	4.7761	4.7050	9.4103	9.6274	.24507
#3	4.8493	4.8545	4.9105	4.7723	4.6979	9.4841	9.5909	.24672
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3874	24.136	1.0005	2.4021	1.2184	5.1078	2.4161	23.305
Stddev	.0066	.057	.0025	.0078	.0019	.0841	.0079	.135
%RSD	.27784	.23772	.25367	.32524	.15218	1.6459	.32771	.58081
#1	2.3799	24.177	1.0013	2.3931	1.2168	5.0160	2.4138	23.457
#2	2.3899	24.159	.99764	2.4062	1.2204	5.1810	2.4095	23.199
#3	2.3924	24.070	1.0025	2.4070	1.2178	5.1263	2.4248	23.258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3441	1.2526	23.730	2.4464	2.5739	24.906	4.9353	4.5772
Stddev	.0072	.0069	.289	.0027	.0140	.150	.0126	.0157
%RSD	.30579	.54783	1.2187	.11098	.54356	.60400	.25541	.34243
#1	2.3359	1.2516	24.050	2.4493	2.5808	25.060	4.9208	4.5625
#2	2.3489	1.2462	23.654	2.4440	2.5831	24.899	4.9435	4.5937
#3	2.3476	1.2599	23.487	2.4458	2.5578	24.760	4.9417	4.5754
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7809	4.9864	4.7168	4.8322	4.8891	4.739	4.9206	F 3.2581
Stddev	.0044	.0180	.0138	.0142	.0518	.013	.0361	.1750
%RSD	.09211	.36028	.29367	.29432	1.0593	.2738	.73367	5.3701
#1	4.7758	5.0052	4.7037	4.8306	4.9488	4.724	4.9581	3.4290
#2	4.7840	4.9844	4.7155	4.8471	4.8619	4.747	4.9178	3.0793
#3	4.7828	4.9694	4.7313	4.8188	4.8565	4.746	4.8860	3.2660

Sample Name: CCV08 Acquired: 1/18/2019 21:08:17 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8316
Stddev	.5706
%RSD	11.810

#1	5.2694
#2	4.1863
#3	5.0392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.3	37800.	3555.6	77.053	3309.3
Stddev	6.7	218.	34.4	.337	9.0
%RSD	.21546	.57698	.96737	.43675	.27220

#1	3106.7	37554.	3517.8	76.859	3317.7
#2	3100.8	37969.	3564.0	76.859	3310.5
#3	3093.4	37878.	3585.0	77.442	3299.8

Sample Name: CCB08 Acquired: 1/18/2019 21:12:18 Type: Unk
Method: P4-ICP2(v2755) 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	.00056	-.00084	F .00466	.00146	.00311	-.01585	-.00194	.00001
Stddev	.00258	.00063	.00116	.00172	.00109	.00459	.00067	.00004
%RSD	459.22	74.793	24.860	118.01	35.216	28.956	34.822	700.90
#1	.00352	-.00026	.00402	.00338	.00419	-.02109	-.00166	.00002
#2	-.00071	-.00074	.00599	.00091	.00200	-.01385	-.00145	-.00004
#3	-.00114	-.00150	.00396	.00007	.00313	-.01259	-.00270	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01014	.00004	-.00042	-.00037	.01134	-.00012	.00788
Stddev	.00011	.01051	.00008	.00018	.00037	.00997	.00001	.05685
%RSD	177.26	103.68	180.99	43.295	98.372	87.951	9.7121	721.26
#1	-.00017	-.00317	.00004	-.00060	-.00079	.00415	-.00011	.06300
#2	-.00006	-.00502	-.00004	-.00040	-.00011	.02272	-.00011	.01119
#3	.00005	-.02223	.00012	-.00025	-.00021	.00714	-.00013	-.05055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00035	-.00173	-.00076	-.00570	.35991	.00037	.00126
Stddev	.00046	.00034	.00177	.00027	.00009	.01465	.00015	.00559
%RSD	136.30	98.320	102.42	36.192	1.5548	4.0704	39.483	444.91
#1	-.00049	.00001	-.00274	-.00064	-.00561	.37301	.00034	.00767
#2	-.00070	.00034	-.00277	-.00107	-.00572	.34409	.00054	-.00262
#3	.00018	.00070	.00032	-.00057	-.00578	.36264	.00025	-.00127
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	.00407	.00035	.00091	F .00761	.0013	.00018	F 1.8410
Stddev	.00322	.00343	.00090	.00147	.00228	.0017	.00007	.1506
%RSD	65.743	84.198	254.48	160.99	29.999	125.6	41.862	8.1796
#1	.00570	.00194	-.00057	-.00014	.00630	.0012	.00016	1.6872
#2	.00764	.00225	.00041	.00259	.01025	-.0003	.00026	1.8478
#3	.00135	.00802	.00123	.00028	.00628	.0030	.00011	1.9881

Sample Name: CCB08 Acquired: 1/18/2019 21:12:18 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0034
Stddev	.5474
%RSD	18.225

#1	2.3713
#2	3.3214
#3	3.3173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.5	39757.	3597.0	83.481	3678.9
Stddev	6.8	100.	29.4	.300	2.5
%RSD	.21084	.25222	.81850	.35955	.06909

#1	3240.0	39734.	3575.9	83.775	3677.3
#2	3236.6	39670.	3630.7	83.175	3681.8
#3	3226.9	39866.	3584.5	83.492	3677.6

Sample Name: K1189-03 Acquired: 1/18/2019 21:16:47 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT3422 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37597	-.03498	.26951	.00440	-.00316	406.01	3.6350	.02358
Stddev	.00565	.00175	.01169	.00429	.00070	2.00	.0358	.00031
%RSD	1.5039	5.0106	4.3380	97.507	22.012	.49235	.98391	1.3318

#1	.38145	-.03580	.25928	.00809	-.00387	406.86	3.6713	.02347
#2	.37632	-.03297	.26700	.00544	-.00248	403.73	3.6339	.02394
#3	.37015	-.03617	.28225	-.00031	-.00312	407.45	3.5998	.02334

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03444	8.5167	.59144	.42288	.38102	818.04	8.9601	114.46
Stddev	.00025	.0575	.00318	.00212	.00293	15.14	.0183	1.16
%RSD	.73105	.67483	.53740	.50168	.76777	1.8509	.20385	1.0147

#1	.03416	8.5229	.59109	.42115	.37832	833.68	8.9792	115.28
#2	.03464	8.5709	.58845	.42223	.38063	816.98	8.9584	114.98
#3	.03452	8.4564	.59478	.42525	.38413	803.45	8.9428	113.13

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76120	.00201	2.9263	.69673	1.5903	61.700	-.00016	.49188
Stddev	.00662	.00202	.0419	.00074	.0368	.536	.00005	.02242
%RSD	.86919	100.38	1.4327	.10592	2.3153	.86833	28.530	4.5574

#1	.75626	.00409	2.9583	.69664	1.6297	62.196	-.00021	.50958
#2	.75862	.00189	2.9417	.69751	1.5846	61.772	-.00013	.49938
#3	.76871	.00006	2.8788	.69604	1.5567	61.132	-.00013	.46667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6269	2.7125	.05726	6.1488	.73743	9.497	-.69210	<.00000
Stddev	.0095	.0336	.00131	.0237	.00196	.055	.01593	.19318
%RSD	.58359	1.2392	2.2885	.38520	.26570	.5758	2.3015	2.1460

#1	1.6161	2.6975	.05599	6.1613	.73942	9.437	-.70900	-8.8807
#2	1.6338	2.7510	.05719	6.1215	.73551	9.510	-.68993	-9.2247
#3	1.6309	2.6890	.05860	6.1637	.73735	9.543	-.67736	-8.9003

Sample Name: K1189-03 Acquired: 1/18/2019 21:16:47 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT3422 Custom ID2: Custom ID3:
 Comment:

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

#1 -832.26
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4781.9	57069.	5811.4	74.187	2915.7
Stddev	9.0	188.	54.8	1.785	11.2
%RSD	.18805	.32900	.94291	2.4060	.38424

#1	4775.0	56881.	5778.9	72.291	2926.6
#2	4792.0	57256.	5780.6	74.436	2916.4
#3	4778.5	57070.	5874.7	75.835	2904.2

Sample Name: K1191-04 Acquired: 1/18/2019 21:21:12 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SITE4-EAST Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13905	-.07076	.26086	-.04321	-.00021	172.07	1.5435
Stddev	.00181	.00181	.00545	.00273	.00175	1.15	.0057
%RSD	1.3005	2.5636	2.0884	6.3206	817.56	.66890	.36772

#1	.13707	-.06867	.26523	-.04259	-.00174	170.99	1.5455
#2	.14062	-.07189	.25476	-.04084	.00169	171.95	1.5480
#3	.13947	-.07173	.26259	-.04619	-.00059	173.28	1.5371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.01463	990.99	.50543	.13575	.73607	296.37
Stddev	.00035	.00015	3.79	.00227	.00072	.00283	5.75
%RSD	9.4350	1.0080	.38243	.44999	.52760	.38463	1.9411

#1	.00364	.01447	993.61	.50311	.13617	.73664	293.77
#2	.00416	.01467	992.71	.50766	.13616	.73300	302.96
#3	.00348	.01476	986.64	.50552	.13493	.73858	292.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8472	179.46	.30049	-.01318	7.5420	.56741	1.1897
Stddev	.0149	1.22	.00020	.00098	.0631	.00257	.0241
%RSD	.30716	.68083	.06651	7.4433	.83713	.45271	2.0250

#1	4.8315	179.98	.30063	-.01349	7.5689	.56609	1.1838
#2	4.8611	180.33	.30026	-.01207	7.5873	.57037	1.2161
#3	4.8490	178.06	.30059	-.01396	7.4699	.56577	1.1690

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.075	.02608	.14319	F 39.934	1.0343	.02416	F 10.425
Stddev	.338	.00042	.00612	.145	.0179	.00088	.015
%RSD	.58232	1.6072	4.2772	.36404	1.7326	3.6540	.13988

#1	58.176	.02656	.14614	39.784	1.0435	.02505	10.435
#2	58.351	.02589	.13615	40.074	1.0457	.02329	10.432
#3	57.697	.02580	.14728	39.945	1.0136	.02415	10.409

Sample Name: K1191-04 Acquired: 1/18/2019 21:21:12 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SITE4-EAST Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30427	8.062	1.6571	2.8898	F<.00000
Stddev	.00081	.025	.0045	.0529	1.3784
%RSD	.26501	.3042	.27401	1.8324	.61732
#1	.30369	8.046	1.6623	2.9311	-222.45
#2	.30392	8.049	1.6544	2.9083	-224.88
#3	.30519	8.090	1.6545	2.8301	-222.54
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.5	37550.	3885.7	71.718	2704.8
Stddev	8.7	59.	32.6	1.578	8.6
%RSD	.27977	.15610	.83938	2.1999	.31704
#1	3107.8	37618.	3864.1	72.125	2711.3
#2	3094.7	37513.	3869.8	69.976	2695.1
#3	3111.0	37519.	3923.2	73.052	2708.1

Sample Name: K1191-08 Acquired: 1/18/2019 21:25:30 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SITE4-WEST Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14927	-.05254	1.0520	-.04371	-.00081	165.39	1.7257
Stddev	.00407	.00292	.0051	.00259	.00361	.70	.0013
%RSD	2.7266	5.5663	.48637	5.9208	447.01	.42394	.07786

#1	.14789	-.05496	1.0519	-.04643	-.00481	165.38	1.7251
#2	.15385	-.04929	1.0469	-.04128	.00221	164.70	1.7273
#3	.14607	-.05336	1.0571	-.04342	.00017	166.10	1.7248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	.01453	842.03	.38862	.12220	.47849	280.86
Stddev	.00027	.00029	2.00	.00300	.00068	.00315	8.37
%RSD	6.7201	2.0146	.23741	.77241	.55453	.65847	2.9800

#1	.00385	.01437	842.23	.38976	.12175	.47599	274.29
#2	.00428	.01487	843.93	.38521	.12188	.48203	290.28
#3	.00380	.01435	839.94	.39088	.12298	.47746	278.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2377	147.00	.28085	-.01991	9.9828	.44758	2.2591
Stddev	.0065	.05	.00199	.00108	.0214	.00228	.0680
%RSD	.15315	.03405	.70742	5.4272	.21409	.50868	3.0094

#1	4.2391	147.03	.28030	-.02025	10.003	.44558	2.2048
#2	4.2306	146.94	.27920	-.01871	9.9604	.44709	2.3353
#3	4.2433	147.03	.28306	-.02079	9.9850	.45006	2.2371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.905	.02999	.09408	F 47.569	1.7139	.04131	8.2771
Stddev	.023	.00013	.00879	.220	.0165	.00164	.0157
%RSD	.05037	.43357	9.3416	.46257	.96152	3.9592	.18962

#1	44.923	.03011	.08667	47.526	1.7213	.04183	8.2858
#2	44.912	.02985	.10379	47.374	1.6950	.04262	8.2865
#3	44.879	.03000	.09179	47.807	1.7254	.03948	8.2590

Sample Name: K1191-08 Acquired: 1/18/2019 21:25:30 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SITE4-WEST Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26000	7.319	1.6188	2.9100	F<.00000
Stddev	.00195	.029	.0091	.1060	1.5319
%RSD	.74994	.3984	.56370	3.6426	.72657

#1	.26063	7.295	1.6290	3.0149	-209.07
#2	.25781	7.311	1.6113	2.8030	-211.75
#3	.26156	7.351	1.6160	2.9121	-211.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.9	37624.	3851.8	72.221	2771.4
Stddev	17.0	112.	11.6	2.042	10.6
%RSD	.54638	.29852	.30202	2.8280	.38102

#1	3120.6	37534.	3843.6	73.821	2770.3
#2	3089.4	37750.	3846.7	69.920	2782.5
#3	3116.6	37586.	3865.1	72.921	2761.5

Sample Name: K1178-01 Acquired: 1/18/2019 21:29:46 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40571	.00888	-.35569	-.13056	-.01890	259.14	.01828	.01643
Stddev	.00864	.00040	.00720	.00854	.00175	1.21	.00028	.00047
%RSD	2.1303	4.4657	2.0254	6.5391	9.2516	.46680	1.5442	2.8348
#1	.41347	.00907	-.36058	-.12101	-.01975	257.74	.01843	.01610
#2	.40727	.00843	-.35908	-.13322	-.02006	259.77	.01796	.01622
#3	.39640	.00915	-.34742	-.13745	-.01689	259.90	.01846	.01696
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07487	604.17	-.04373	.11412	-.02612	F 1370.8	15.850	574.30
Stddev	.00039	4.60	.00042	.00070	.00375	18.7	.123	5.88
%RSD	.51977	.76218	.95064	.61605	14.346	1.3619	.77709	1.0232
#1	.07443	601.66	-.04416	.11407	-.02929	1389.2	15.710	571.77
#2	.07501	601.37	-.04333	.11484	-.02708	1371.2	15.899	570.12
#3	.07517	609.49	-.04371	.11344	-.02198	1351.9	15.941	581.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03554	-.04146	140.02	.01234	.12366	201.55	-.01350	1.6779
Stddev	.00128	.00039	1.40	.00094	.00365	1.83	.00026	.0506
%RSD	3.5912	.94911	1.0025	7.6458	2.9507	.90839	1.9566	3.0170
#1	.03415	-.04100	139.83	.01343	.12781	201.00	-.01320	1.7353
#2	.03582	-.04173	138.72	.01188	.12223	200.06	-.01358	1.6590
#3	.03666	-.04164	141.51	.01172	.12095	203.60	-.01371	1.6395
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2151.3	F 30.283	-.78372	-.00372	.38252	.6175	.74394	<.00000
Stddev	8.8	.213	.00454	.00160	.00210	.0041	.03395	.07534
%RSD	.40691	.70451	.57972	43.013	.54778	.6699	4.5633	2.3625
#1	2157.3	30.406	-.78859	-.00467	.38395	.6222	.71653	-3.2068
#2	2155.3	30.036	-.78299	-.00460	.38011	.6143	.73338	-3.1066
#3	2141.2	30.405	-.77959	-.00187	.38349	.6160	.78192	-3.2541

Sample Name: K1178-01 Acquired: 1/18/2019 21:29:46 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03 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	3345.3	41184.	4362.7	67.597	2475.0
Stddev	5.9	52.	29.6	1.263	9.9
%RSD	.17763	.12649	.67930	1.8691	.40095

#1	3340.8	41177.	4352.7	66.233	2468.6
#2	3343.0	41136.	4396.0	67.830	2469.9
#3	3352.0	41239.	4339.3	68.727	2486.4

Sample Name: K1178-01DUP Acquired: 1/18/2019 21:34:14 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40152	.00598	-.35608	-.13712	-.02163	260.75	.01837	.01648
Stddev	.00828	.00424	.00910	.01013	.00234	2.26	.00055	.00029
%RSD	2.0633	70.913	2.5567	7.3881	10.803	.86526	3.0137	1.7396
#1	.39639	.00216	-.35181	-.14748	-.02431	258.93	.01787	.01655
#2	.39710	.00523	-.34990	-.13665	-.02006	260.04	.01826	.01617
#3	.41108	.01054	-.36654	-.12724	-.02050	263.27	.01896	.01674
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07665	604.97	-.04518	.11594	-.02432	F 1377.9	16.021	575.95
Stddev	.00043	2.69	.00068	.00103	.00335	18.8	.132	3.45
%RSD	.56345	.44510	1.4976	.88684	13.759	1.3638	.82331	.59947
#1	.07643	607.86	-.04476	.11522	-.02194	1368.8	15.880	579.86
#2	.07715	604.52	-.04481	.11549	-.02287	1365.4	16.141	573.32
#3	.07638	602.54	-.04596	.11712	-.02814	1399.5	16.043	574.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03592	-.04418	140.81	.01399	.12582	202.13	-.01417	1.6661
Stddev	.00200	.00131	1.55	.00062	.00358	1.69	.00043	.0359
%RSD	5.5668	2.9649	1.0975	4.4610	2.8425	.83504	3.0318	2.1541
#1	.03408	-.04277	142.54	.01333	.12967	203.98	-.01367	1.6325
#2	.03805	-.04537	139.57	.01407	.12259	200.69	-.01445	1.6620
#3	.03563	-.04440	140.31	.01457	.12520	201.72	-.01438	1.7039
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2156.8	F 30.527	-.78450	-.00748	.38616	.6226	.74313	<.00000
Stddev	18.3	.312	.00610	.00146	.00300	.0096	.02820	.38356
%RSD	.84967	1.0217	.77764	19.473	.77814	1.535	3.7949	11.577
#1	2136.8	30.877	-.77821	-.00916	.38602	.6132	.76608	-3.0926
#2	2160.8	30.426	-.78491	-.00660	.38323	.6223	.75166	-3.0910
#3	2172.7	30.279	-.79039	-.00668	.38923	.6323	.71165	-3.7561

Sample Name: K1178-01DUP Acquired: 1/18/2019 21:34:14 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03DUP 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	3334.6	41206.	4381.5	67.688	2467.9
Stddev	8.2	34.	56.7	.688	18.9
%RSD	.24663	.08363	1.2950	1.0170	.76561

#1	3325.3	41234.	4320.3	67.446	2487.8
#2	3337.5	41168.	4391.7	68.465	2465.6
#3	3341.0	41217.	4432.4	67.153	2450.2

Sample Name: K1178-01LX5 Acquired: 1/18/2019 21:38:43 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7892 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08087	.00190	-.07436	-.04512	-.00631	59.703	.00071
Stddev	.00269	.00089	.00212	.00411	.00141	.286	.00018
%RSD	3.3266	46.588	2.8466	9.1067	22.331	.47932	24.752

#1	.08049	.00196	-.07406	-.04248	-.00787	59.451	.00071
#2	.07839	.00099	-.07240	-.04986	-.00512	59.644	.00053
#3	.08373	.00276	-.07661	-.04303	-.00595	60.015	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01070	159.11	-.00932	.02272	.00826	294.66
Stddev	.00018	.00017	1.39	.00020	.00033	.00064	7.15
%RSD	586.82	1.5617	.87531	2.1876	1.4450	7.8008	2.4251

#1	-.00017	.01075	159.11	-.00936	.02301	.00768	299.29
#2	.00014	.01084	157.72	-.00951	.02278	.00895	286.43
#3	.00012	.01052	160.50	-.00910	.02236	.00814	298.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5065	150.46	-.00556	-.01522	34.732	.00204	.01826
Stddev	.0050	1.88	.00053	.00038	.474	.00010	.00066
%RSD	.11083	1.2464	9.5087	2.4732	1.3652	5.0129	3.6100

#1	4.5032	151.20	-.00563	-.01530	34.813	.00195	.01884
#2	4.5041	148.33	-.00605	-.01555	34.223	.00216	.01754
#3	4.5123	151.85	-.00500	-.01481	35.161	.00202	.01839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.124	-.00344	.34545	F 623.57	8.0966	-.22869	-.00088
Stddev	.571	.00042	.01504	2.32	.0988	.00166	.00015
%RSD	1.1402	12.304	4.3536	.37206	1.2197	.72417	17.134

#1	50.188	-.00387	.34397	623.57	8.1855	-.22745	-.00079
#2	49.523	-.00344	.33121	625.89	7.9903	-.23057	-.00105
#3	50.660	-.00302	.36118	621.25	8.1141	-.22805	-.00079

Sample Name: K1178-01LX5 Acquired: 1/18/2019 21:38:43 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7892 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09859	.1168	.24493	2.2827	F<.00000
Stddev	.00075	.0021	.00495	.1233	2.9351
%RSD	.75987	1.784	2.0229	5.4010	1.2156

#1	.09775	.1189	.23941	2.3850	-244.46
#2	.09918	.1147	.24900	2.3174	-238.60
#3	.09885	.1167	.24637	2.1458	-241.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.2	38690.	3779.0	77.556	3145.2
Stddev	12.4	25.	37.0	2.036	13.1
%RSD	.39122	.06503	.97865	2.6247	.41628

#1	3182.6	38679.	3762.0	76.114	3147.4
#2	3164.1	38671.	3821.4	79.885	3131.1
#3	3187.8	38718.	3753.5	76.669	3157.0

Sample Name: K1178-01MS Acquired: 1/18/2019 21:42:58 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0340	1.8208	.56725	1.4954	.59362	267.03	.17203	.18153
Stddev	.0270	.0072	.02634	.0194	.00722	.56	.00070	.00031
%RSD	2.6138	.39416	4.6440	1.3004	1.2167	.20983	.40884	.17164
#1	1.0035	1.8147	.59678	1.4737	.59073	267.35	.17274	.18124
#2	1.0435	1.8189	.55878	1.5011	.58829	266.39	.17201	.18186
#3	1.0550	1.8287	.54618	1.5113	.60184	267.37	.17133	.18150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26565	620.95	.24047	.31776	.17226	F 1443.3	16.198	591.95
Stddev	.00009	.64	.00182	.00023	.01117	65.0	.120	3.42
%RSD	.03236	.10284	.75713	.07150	6.4867	4.5056	.73838	.57756
#1	.26570	620.44	.24254	.31800	.18428	1370.9	16.322	590.92
#2	.26555	621.67	.23911	.31773	.17033	1462.1	16.084	595.77
#3	.26569	620.74	.23976	.31755	.16218	1496.8	16.188	589.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51269	.02689	147.22	.23759	.33730	216.26	.28546	1.9589
Stddev	.00094	.00824	.79	.00135	.01233	.95	.00072	.1017
%RSD	.18413	30.642	.53507	.56787	3.6552	.43945	.25314	5.1899
#1	.51339	.01778	147.51	.23627	.32333	216.52	.28552	1.8422
#2	.51306	.02907	147.83	.23897	.34190	217.06	.28471	2.0057
#3	.51161	.03383	146.33	.23754	.34666	215.21	.28615	2.0287
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2178.4	F 31.714	-.13531	.13983	.56459	7.042	.88805	<.00000
Stddev	4.4	.058	.00538	.00092	.00213	.018	.07176	.10110
%RSD	.20105	.18190	3.9783	.65576	.37805	.2633	8.0801	3.0649
#1	2177.6	31.697	-.13518	.13900	.56366	7.063	.96672	-3.1847
#2	2183.2	31.778	-.14076	.14081	.56703	7.035	.87126	-3.3776
#3	2174.6	31.666	-.12999	.13967	.56308	7.027	.82618	-3.3334

Sample Name: K1178-01MS Acquired: 1/18/2019 21:42:58 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-03MS 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	3349.1	41456.	4365.5	66.129	2458.8
Stddev	7.9	233.	27.3	2.586	1.1
%RSD	.23516	.56207	.62537	3.9107	.04608

#1	3354.5	41190.	4344.9	69.070	2459.9
#2	3352.7	41554.	4355.1	65.108	2459.0
#3	3340.1	41623.	4396.4	64.209	2457.6

Sample Name: K1178-01MSD Acquired: 1/18/2019 21:47:18 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0428	1.8219	.55929	1.5071	.58805	268.29	.17101	.18291
Stddev	.0020	.0060	.01068	.0068	.00166	.50	.00059	.00203
%RSD	.19060	.33144	1.9093	.45384	.28275	.18515	.34726	1.1120
#1	1.0419	1.8236	.57152	1.5011	.58640	268.63	.17169	.18196
#2	1.0414	1.8270	.55451	1.5055	.58803	267.72	.17068	.18525
#3	1.0450	1.8152	.55183	1.5145	.58972	268.52	.17065	.18153
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26572	620.91	.24176	.31729	.17008	F 1464.8	16.266	591.18
Stddev	.00197	1.56	.00155	.00076	.00277	10.0	.100	1.76
%RSD	.74193	.25120	.63994	.23937	1.6261	.68495	.61483	.29823
#1	.26796	622.35	.24173	.31816	.17314	1455.7	16.330	591.98
#2	.26494	621.15	.24022	.31695	.16776	1463.1	16.318	592.40
#3	.26426	619.25	.24332	.31676	.16934	1475.5	16.151	589.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51785	.02748	147.07	.23994	.34122	215.79	.28450	1.9891
Stddev	.00099	.00107	.69	.00061	.00171	.93	.00112	.0044
%RSD	.19115	3.8842	.46598	.25592	.50196	.42935	.39372	.22050
#1	.51846	.02639	147.74	.23969	.34311	216.69	.28347	1.9855
#2	.51671	.02754	147.09	.23949	.33977	215.86	.28434	1.9940
#3	.51839	.02852	146.37	.24064	.34077	214.84	.28570	1.9878
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2184.2	F 31.822	-.13354	.13968	.56766	7.064	.86246	<.00000
Stddev	11.1	.154	.00055	.00126	.00229	.032	.01932	.07448
%RSD	.50705	.48487	.41476	.89902	.40280	.4496	2.2399	2.4728
#1	2196.5	31.953	-.13332	.14096	.56523	7.098	.88113	-2.9672
#2	2181.2	31.862	-.13417	.13963	.56977	7.059	.86369	-3.0979
#3	2174.9	31.652	-.13314	.13845	.56798	7.036	.84255	-2.9706

Sample Name: K1178-01MSD Acquired: 1/18/2019 21:47:18 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-03MSD 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	3353.1	41297.	4370.6	65.338	2457.5
Stddev	4.5	158.	27.5	.118	11.2
%RSD	.13553	.38155	.62858	.17994	.45749

#1	3348.5	41116.	4342.7	65.398	2445.3
#2	3353.3	41405.	4371.4	65.414	2459.9
#3	3357.6	41370.	4397.7	65.203	2467.4

Sample Name: K1178-01A Acquired: 1/18/2019 21:51:37 Type: Unk
Method: P4-ICP2(v2755) 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	1.0287	1.7941	.54884	1.4875	.58567	265.74	.17076	.18190
Stddev	.0134	.0298	.01947	.0155	.00566	1.64	.00110	.00060
%RSD	1.3060	1.6604	3.5472	1.0418	.96690	.61819	.64522	.33243
#1	1.0343	1.8162	.57022	1.5002	.59087	263.95	.17033	.18149
#2	1.0385	1.8058	.54417	1.4921	.58649	266.10	.17201	.18259
#3	1.0134	1.7602	.53214	1.4702	.57964	267.18	.16993	.18161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26178	617.68	.24159	.31235	.16960	F 1441.6	16.226	590.27
Stddev	.00684	3.11	.00055	.00572	.00551	26.9	.058	2.26
%RSD	2.6122	.50346	.22793	1.8322	3.2501	1.8656	.35699	.38245
#1	.26578	620.65	.24104	.31630	.17413	1434.2	16.172	591.00
#2	.26566	617.93	.24214	.31496	.16346	1471.4	16.219	592.07
#3	.25388	614.45	.24158	.30578	.17120	1419.2	16.287	587.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50804	.02475	146.66	.23910	.33488	214.65	.28279	1.9517
Stddev	.00985	.00300	.57	.00118	.00737	.89	.00300	.0334
%RSD	1.9392	12.129	.38651	.49304	2.1995	.41384	1.0611	1.7136
#1	.51699	.02495	146.88	.23932	.33639	215.14	.28618	1.9369
#2	.50964	.02765	147.08	.24015	.34137	215.18	.28174	1.9900
#3	.49748	.02166	146.01	.23782	.32687	213.62	.28046	1.9282
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2153.0	F 31.687	-.13235	.14148	.56541	6.947	.87521	<.00000
Stddev	42.1	.259	.00134	.00221	.00143	.127	.02809	.05686
%RSD	1.9549	.81782	1.0160	1.5595	.25207	1.827	3.2098	1.8030
#1	2184.5	31.929	-.13163	.13900	.56603	7.054	.89486	-3.1940
#2	2169.3	31.719	-.13151	.14323	.56378	6.980	.84303	-3.1787
#3	2105.2	31.414	-.13390	.14222	.56642	6.806	.88773	-3.0888

Sample Name: K1178-01A Acquired: 1/18/2019 21:51:37 Type: Unk
 Method: P4-ICP2(v2755) 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	3365.7	41480.	4369.8	66.102	2482.3
Stddev	32.9	41.	41.6	1.264	50.0
%RSD	.97791	.09926	.95278	1.9127	2.0146

#1	3337.9	41460.	4326.2	66.181	2446.8
#2	3357.3	41527.	4374.3	64.800	2460.5
#3	3402.0	41452.	4409.1	67.325	2539.5

Sample Name: K1178-02 Acquired: 1/18/2019 21:55:57 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-08 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	-.00056	.05960	-.00248	.00062	-.01220	.13695	-.00008
Stddev	.00184	.00137	.00034	.00202	.00163	.01365	.00072	.00010
%RSD	741.23	243.98	.57448	81.243	261.70	111.89	.52686	125.52
#1	-.00171	.00028	.05934	-.00075	.00201	-.02243	.13649	.00001
#2	.00182	.00018	.05948	-.00470	.00105	.00330	.13778	-.00006
#3	-.00085	-.00214	.05999	-.00201	-.00118	-.01748	.13657	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	366.54	.00075	-.00005	.00469	3.7811	.43686	67.956
Stddev	.00004	3.57	.00041	.00008	.00019	.1284	.00078	.345
%RSD	10.720	.97347	54.121	173.25	4.1028	3.3954	.17758	.50777
#1	-.00038	370.66	.00029	-.00011	.00486	3.6440	.43756	68.102
#2	-.00032	364.48	.00094	.00004	.00448	3.8010	.43603	68.204
#3	-.00031	364.49	.00104	-.00007	.00472	3.8985	.43698	67.562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	-.00155	13.656	-.00061	.17990	18.575	.00480	.21931
Stddev	.00040	.00029	.170	.00033	.00502	.175	.00002	.00889
%RSD	18.950	18.725	1.2485	54.743	2.7926	.94316	.45234	4.0519
#1	.00222	-.00185	13.839	-.00090	.17431	18.762	.00480	.21099
#2	.00248	-.00127	13.627	-.00068	.18136	18.414	.00482	.21828
#3	.00169	-.00154	13.501	-.00024	.18403	18.550	.00478	.22867
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 119.42	F 17.595	-.04173	-.00306	.04926	.6762	.81560	3.5476
Stddev	.62	.192	.00042	.00044	.00059	.0055	.00929	.0813
%RSD	.51787	1.0921	1.0170	14.477	1.1944	.8174	1.1397	2.2916
#1	120.05	17.785	-.04195	-.00297	.04948	.6807	.82599	3.5877
#2	118.82	17.600	-.04200	-.00267	.04859	.6700	.81273	3.4541
#3	119.39	17.401	-.04124	-.00354	.04971	.6777	.80808	3.6011

Sample Name: K1178-02 Acquired: 1/18/2019 21:55:57 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-08 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7000
Stddev	1.1119
%RSD	19.506

#1	4.6315
#2	6.8506
#3	5.6178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.2	36101.	3484.1	77.216	3132.5
Stddev	18.5	123.	40.0	1.657	19.5
%RSD	.63085	.34067	1.1477	2.1454	.62319

#1	2909.9	35969.	3441.7	79.096	3110.3
#2	2942.6	36212.	3489.4	76.584	3146.9
#3	2941.3	36122.	3521.2	75.969	3140.2

Sample Name: CCV09 Acquired: 1/18/2019 22:00:19 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14484 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9484	4.9478	5.0033	4.8796	4.8044	9.4831	9.9041	.24928
Stddev	.0182	.0098	.0059	.0245	.0221	.0746	.0296	.00035
%RSD	.36770	.19878	.11712	.50253	.45952	.78689	.29868	.13927
#1	4.9684	4.9590	5.0072	4.8979	4.8267	9.4213	9.8711	.24966
#2	4.9329	4.9407	4.9965	4.8517	4.7826	9.5660	9.9282	.24919
#3	4.9438	4.9437	5.0061	4.8891	4.8041	9.4619	9.9131	.24899
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4405	24.472	1.0098	2.4560	1.2380	5.0961	2.4439	23.711
Stddev	.0040	.117	.0026	.0026	.0053	.0215	.0029	.037
%RSD	.16479	.47796	.25410	.10614	.43017	.42111	.11787	.15666
#1	2.4452	24.484	1.0083	2.4587	1.2440	5.1196	2.4425	23.717
#2	2.4379	24.582	1.0127	2.4559	1.2362	5.0914	2.4473	23.745
#3	2.4385	24.349	1.0083	2.4535	1.2338	5.0774	2.4421	23.671
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3942	1.2626	24.435	2.4791	2.5885	25.507	5.0292	4.6005
Stddev	.0028	.0077	.107	.0066	.0053	.142	.0221	.0065
%RSD	.11623	.60976	.43905	.26774	.20450	.55798	.43927	.14171
#1	2.3974	1.2619	24.321	2.4769	2.5941	25.357	5.0542	4.6063
#2	2.3924	1.2706	24.450	2.4865	2.5876	25.641	5.0123	4.6017
#3	2.3927	1.2553	24.534	2.4737	2.5837	25.523	5.0212	4.5934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2650	5.1300	4.8312	4.8863	5.0119	4.890	5.0120	F 2.8198
Stddev	.0269	.0136	.0062	.0182	.0157	.010	.0248	.0657
%RSD	.51166	.26421	.12896	.37320	.31350	.2075	.49503	2.3300
#1	5.2909	5.1148	4.8384	4.8817	4.9941	4.899	4.9852	2.8231
#2	5.2669	5.1409	4.8278	4.9063	5.0179	4.890	5.0167	2.8839
#3	5.2371	5.1342	4.8274	4.8708	5.0237	4.879	5.0342	2.7526

Sample Name: CCV09 Acquired: 1/18/2019 22:00:19 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14484 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0092
Stddev	.1939
%RSD	3.8716

#1	4.8993
#2	5.2331
#3	4.8951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.0	38526.	3575.9	79.062	3333.2
Stddev	15.9	145.	2.9	.323	10.8
%RSD	.50735	.37606	.08103	.40829	.32432

#1	3121.8	38550.	3572.6	78.733	3321.0
#2	3151.0	38370.	3577.7	79.074	3337.0
#3	3147.3	38657.	3577.5	79.379	3341.6

Sample Name: CCB09 Acquired: 1/18/2019 22:04:20 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14484 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00129	F .00696	-.00188	.00217	-.01779	-.00456	-.00000
Stddev	.00081	.00052	.00143	.00176	.00096	.00551	.00055	.00007
%RSD	35.595	40.181	20.469	93.355	44.399	30.965	12.093	8587.2
#1	.00153	-.00164	.00833	.00014	.00109	-.01692	-.00520	.00008
#2	.00216	-.00069	.00708	-.00281	.00295	-.02368	-.00426	-.00003
#3	.00314	-.00154	.00549	-.00298	.00247	-.01276	-.00423	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01327	.00011	-.00061	-.00065	.02202	-.00008	.08698
Stddev	.00007	.01686	.00017	.00006	.00045	.00462	.00009	.06959
%RSD	98.460	127.03	151.57	10.113	69.639	20.969	113.91	80.011
#1	.00001	-.02986	-.00008	-.00056	-.00037	.01857	-.00013	.12140
#2	-.00012	-.01379	.00024	-.00060	-.00041	.02726	-.00013	.13265
#3	-.00010	.00384	.00017	-.00068	-.00118	.02023	.00002	.00688
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00043	.06115	-.00046	-.00560	.43883	.00013	.00532
Stddev	.00042	.00027	.01127	.00036	.00007	.01187	.00020	.01363
%RSD	207.42	62.789	18.429	79.360	1.1850	2.7053	153.64	256.31
#1	.00022	.00065	.04900	-.00034	-.00560	.45186	.00016	-.00043
#2	-.00020	.00051	.06317	-.00017	-.00553	.42863	.00031	.02088
#3	-.00063	.00013	.07127	-.00087	-.00567	.43600	-.00008	-.00449
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .23435	.00295	.00084	.00201	F .00797	.0029	.00007	F 1.1667
Stddev	.00677	.00118	.00005	.00109	.00249	.0003	.00004	.1207
%RSD	2.8891	40.021	6.3473	54.046	31.286	11.25	49.509	10.344
#1	.24027	.00431	.00089	.00295	.01048	.0029	.00003	1.2995
#2	.23582	.00238	.00079	.00082	.00549	.0032	.00010	1.0638
#3	.22697	.00217	.00083	.00227	.00796	.0025	.00008	1.1367

Sample Name: CCB09 Acquired: 1/18/2019 22:04:20 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14484 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9837
Stddev .6177
%RSD 20.701

#1 2.8613
#2 3.6535
#3 2.4365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.9	40662.	3634.8	83.572	3744.7
Stddev	16.0	46.	17.5	1.904	6.0
%RSD	.48865	.11404	.48154	2.2787	.16155

#1	3294.1	40609.	3615.3	81.683	3742.7
#2	3283.1	40694.	3639.7	83.542	3751.6
#3	3262.5	40682.	3649.3	85.492	3740.0

Sample Name: K1178-03 Acquired: 1/18/2019 22:08:49 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-07 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	-.00218	.02747	.00644	.00291	-.00246	.02008	-.00008
Stddev	.00528	.00162	.00117	.00147	.00174	.01495	.00044	.00013
%RSD	187.17	74.371	4.2569	22.883	59.915	608.70	2.2082	162.20
#1	-.00573	-.00371	.02874	.00806	.00297	.01475	.02058	.00006
#2	-.00600	-.00048	.02643	.00609	.00114	-.00975	.01974	-.00012
#3	.00327	-.00234	.02726	.00518	.00463	-.01236	.01992	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	438.70	.00008	.00443	.00779	.82798	2.1144	57.384
Stddev	.00001	2.48	.00064	.00006	.00023	.00679	.0227	.226
%RSD	1.4183	.56642	833.64	1.4588	2.9879	.81990	1.0750	.39382
#1	-.00039	440.50	.00068	.00444	.00774	.82592	2.0886	57.555
#2	-.00038	439.73	-.00059	.00437	.00804	.83557	2.1315	57.470
#3	-.00039	435.86	.00013	.00449	.00758	.82247	2.1231	57.128
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00185	25.162	-.00649	.01405	16.216	.00552	.15387
Stddev	.00032	.00043	.260	.00020	.00013	.184	.00032	.00363
%RSD	33.955	23.218	1.0330	3.0112	.89133	1.1348	5.8313	2.3611
#1	-.00076	-.00169	25.366	-.00650	.01390	16.388	.00549	.15188
#2	-.00075	-.00153	25.249	-.00668	.01412	16.237	.00586	.15807
#3	-.00131	-.00234	24.869	-.00628	.01411	16.022	.00522	.15167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 325.76	F 19.436	-.11952	-.00675	.04887	.0906	.82608	4.1073
Stddev	1.41	.086	.00108	.00182	.00096	.0012	.00642	.2453
%RSD	.43182	.44188	.90170	27.011	1.9716	1.365	.77691	5.9711
#1	324.13	19.339	-.11890	-.00763	.04978	.0896	.83204	3.8832
#2	326.62	19.502	-.12076	-.00796	.04898	.0902	.82692	4.0694
#3	326.52	19.468	-.11889	-.00465	.04786	.0920	.81928	4.3693

Sample Name: K1178-03 Acquired: 1/18/2019 22:08:49 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-07 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.4267
Stddev	.4983
%RSD	6.7098

#1	6.9245
#2	7.4344
#3	7.9211

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.3	35445.	3400.6	75.006	3098.5
Stddev	13.4	305.	5.4	.731	11.4
%RSD	.46615	.85999	.15985	.97443	.36746

#1	2870.4	35796.	3403.8	75.499	3101.7
#2	2854.0	35249.	3394.3	74.166	3085.8
#3	2880.5	35290.	3403.7	75.353	3107.9

Sample Name: K1178-04 Acquired: 1/18/2019 22:13:14 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36996	.00703	-.32645	-.13142	-.02209	236.82	.02393	.01371
Stddev	.00855	.00340	.00709	.01330	.00222	.50	.00049	.00051
%RSD	2.3097	48.334	2.1730	10.120	10.039	.21179	2.0481	3.7035
#1	.36720	.00311	-.31971	-.13808	-.01971	236.24	.02432	.01370
#2	.36314	.00893	-.32579	-.14007	-.02247	237.09	.02408	.01320
#3	.37955	.00907	-.33385	-.11611	-.02409	237.13	.02338	.01422
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06704	639.88	-.04205	.10413	-.02137	F 1265.5	15.215	579.44
Stddev	.00052	1.04	.00119	.00167	.00379	17.2	.031	2.11
%RSD	.77465	.16193	2.8379	1.6003	17.744	1.3575	.20346	.36357
#1	.06720	641.07	-.04114	.10253	-.02067	1253.3	15.179	581.55
#2	.06646	639.36	-.04162	.10401	-.01798	1258.2	15.232	579.44
#3	.06746	639.20	-.04340	.10586	-.02546	1285.2	15.233	577.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02798	-.03949	139.68	.00829	.12041	196.88	-.01279	1.6183
Stddev	.00238	.00193	1.03	.00075	.00172	1.25	.00048	.0536
%RSD	8.4966	4.8934	.73423	9.0873	1.4280	.63624	3.7349	3.3133
#1	.02632	-.04121	140.79	.00754	.12187	198.14	-.01247	1.6013
#2	.03071	-.03986	139.50	.00829	.11851	196.86	-.01334	1.5752
#3	.02692	-.03740	138.76	.00905	.12084	195.64	-.01257	1.6783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2079.2	F 29.630	-.75725	-.01010	.36546	.5641	.92878	<.00000
Stddev	9.8	.134	.00335	.00084	.00146	.0043	.02663	.04708
%RSD	.47320	.45329	.44234	8.3516	.39878	.7667	2.8676	2.0005
#1	2071.2	29.785	-.75413	-.01043	.36713	.5651	.95235	-2.2996
#2	2076.1	29.550	-.75684	-.01072	.36480	.5594	.93409	-2.3753
#3	2090.2	29.555	-.76079	-.00914	.36444	.5678	.89989	-2.3859

Sample Name: K1178-04 Acquired: 1/18/2019 22:13:14 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP 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	3255.9	40398.	4294.9	67.721	2500.2
Stddev	6.4	29.	29.9	.603	9.0
%RSD	.19600	.07218	.69713	.88978	.35950

#1	3262.4	40365.	4261.3	67.848	2509.0
#2	3249.7	40412.	4304.6	68.250	2500.4
#3	3255.5	40418.	4318.7	67.065	2491.1

Sample Name: K1011-06 Acquired: 1/18/2019 22:17:43 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00312	.01183	-.00376	.00223	.61648	.12947	.00008
Stddev	.00397	.00095	.00113	.00084	.00094	.02729	.00051	.00007
%RSD	1463.9	30.398	9.5637	22.368	42.074	4.4266	.39574	86.787

#1	-.00135	-.00421	.01302	-.00332	.00238	.59544	.12893	.00008
#2	-.00359	-.00247	.01077	-.00322	.00122	.64731	.12954	.00014
#3	.00412	-.00268	.01168	-.00472	.00307	.60668	.12994	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	17.352	.00133	.00208	.00359	1.6493	.66600	2.4906
Stddev	.00007	.042	.00055	.00024	.00030	.0115	.00306	.0620
%RSD	45.385	.24326	41.201	11.665	8.3021	.69785	.45910	2.4891

#1	-.00022	17.316	.00098	.00180	.00350	1.6616	.66589	2.5471
#2	-.00008	17.342	.00105	.00225	.00335	1.6473	.66911	2.5003
#3	-.00018	17.399	.00197	.00219	.00393	1.6389	.66300	2.4243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	.00015	294.64	-.00091	.02287	1.2648	.00055	.02141
Stddev	.00016	.00065	4.46	.00022	.00046	.0249	.00001	.00714
%RSD	6.1254	447.67	1.5125	23.944	2.0302	1.9673	2.6226	33.331

#1	.00269	-.00010	299.59	-.00107	.02318	1.2363	.00053	.02039
#2	.00253	.00089	293.37	-.00099	.02310	1.2819	.00055	.01484
#3	.00285	-.00035	290.96	-.00066	.02234	1.2763	.00056	.02901

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46925	1.3207	.00126	.02606	.01122	.0193	.05620	3.0262
Stddev	.01972	.0297	.00015	.00208	.00189	.0008	.00013	.0993
%RSD	4.2020	2.2491	11.541	7.9966	16.817	4.111	.22270	3.2798

#1	.48936	1.3533	.00139	.02371	.00909	.0197	.05606	3.0533
#2	.46845	1.3136	.00128	.02767	.01188	.0184	.05627	3.1092
#3	.44995	1.2952	.00111	.02680	.01268	.0198	.05628	2.9163

Sample Name: K1011-06 Acquired: 1/18/2019 22:17:43 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7780
Stddev	.1346
%RSD	2.3289

#1	5.6276
#2	5.8193
#3	5.8870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.0	37173.	3576.8	79.656	3252.4
Stddev	3.0	188.	42.5	1.055	1.8
%RSD	.09667	.50475	1.1890	1.3246	.05518

#1	3057.3	37116.	3545.9	78.775	3250.7
#2	3061.2	37021.	3559.2	79.367	3254.2
#3	3055.4	37383.	3625.3	80.825	3252.1

Sample Name: K1011-06DUP Acquired: 1/18/2019 22:22:17 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00426	.01065	.00044	.00079	.60592	.12944	.00014
Stddev	.00165	.00096	.00084	.00218	.00058	.01103	.00113	.00006
%RSD	86.979	22.512	7.9223	492.20	74.141	1.8200	.87211	43.837

#1	-.00050	-.00394	.01139	-.00149	.00022	.61296	.12898	.00020
#2	-.00371	-.00351	.01084	.00280	.00139	.61159	.13073	.00014
#3	-.00146	-.00535	.00973	.00001	.00075	.59321	.12862	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	17.360	.00115	.00195	.00296	1.6199	.66230	2.4787
Stddev	.00005	.063	.00026	.00002	.00033	.0452	.00198	.0130
%RSD	61.887	.36323	22.576	1.0601	11.107	2.7909	.29938	.52406

#1	-.00013	17.338	.00145	.00193	.00277	1.5962	.66055	2.4684
#2	-.00003	17.431	.00100	.00194	.00334	1.6720	.66446	2.4743
#3	-.00009	17.310	.00101	.00197	.00277	1.5915	.66190	2.4933

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	-.00014	294.00	-.00128	.02252	1.3401	.00027	.01418
Stddev	.00022	.00020	1.94	.00028	.00079	.0451	.00004	.00319
%RSD	8.5699	141.36	.66144	21.784	3.4902	3.3676	15.348	22.502

#1	.00279	-.00038	293.28	-.00146	.02185	1.3008	.00029	.01317
#2	.00235	-.00000	296.21	-.00141	.02338	1.3893	.00031	.01162
#3	.00265	-.00005	292.52	-.00096	.02232	1.3301	.00023	.01775

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35161	1.2876	.00070	.02406	.01419	.0179	.05618	2.9638
Stddev	.01050	.0087	.00105	.00026	.00107	.0024	.00010	.1220
%RSD	2.9868	.67845	150.60	1.0773	7.5498	13.46	.17519	4.1149

#1	.36237	1.2932	-.00016	.02435	.01505	.0151	.05613	3.0951
#2	.35106	1.2776	.00188	.02386	.01299	.0193	.05629	2.8542
#3	.34139	1.2921	.00038	.02396	.01454	.0191	.05612	2.9420

Sample Name: K1011-06DUP Acquired: 1/18/2019 22:22:17 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9917
 Stddev 1.1284
 %RSD 18.833

#1 4.7511
 #2 6.9570
 #3 6.2670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.2	37432.	3603.8	80.831	3292.3
Stddev	12.5	63.	2.0	1.787	11.5
%RSD	.40375	.16833	.05426	2.2105	.35024

#1	3085.3	37385.	3606.0	82.300	3279.3
#2	3102.5	37407.	3602.8	78.842	3296.5
#3	3109.7	37504.	3602.5	81.350	3301.2

Sample Name: K1011-06LX5 Acquired: 1/18/2019 22:26:51 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116490BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00150	.00494	-.00342	.00032	.11487	.02335	.00003
Stddev	.00155	.00048	.00101	.00092	.00059	.01048	.00015	.00007
%RSD	88.105	31.713	20.484	26.996	186.16	9.1271	.62612	241.50

#1	.00324	-.00096	.00608	-.00357	.00041	.10289	.02344	.00001
#2	.00015	-.00185	.00417	-.00426	.00085	.11933	.02342	-.00003
#3	.00190	-.00168	.00456	-.00243	-.00031	.12239	.02318	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	3.7122	-.00000	.00016	.00011	.33953	.14369	.58119
Stddev	.00006	.0131	.00022	.00012	.00005	.01648	.00016	.02712
%RSD	137.11	.35363	8718.0	74.774	48.507	4.8543	.11415	4.6663

#1	-.00007	3.6973	.00009	.00030	.00005	.35636	.14360	.61206
#2	.00002	3.7175	.00015	.00009	.00013	.32342	.14358	.57027
#3	-.00007	3.7219	-.00025	.00009	.00015	.33881	.14388	.56123

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00039	64.215	-.00119	.00244	.70010	.00042	-.01207
Stddev	.00044	.00024	.488	.00001	.00029	.02382	.00029	.01338
%RSD	12951.	61.220	.75955	1.2438	12.029	3.4017	68.553	110.85

#1	.00009	-.00021	64.303	-.00118	.00274	.72696	.00047	.00293
#2	-.00048	-.00066	64.653	-.00119	.00215	.69178	.00011	-.02277
#3	.00038	-.00029	63.689	-.00120	.00244	.68156	.00067	-.01637

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21701	.29518	.00044	.00894	.01148	.0058	.01178	1.4134
Stddev	.00859	.00372	.00115	.00431	.00197	.0005	.00013	.1084
%RSD	3.9561	1.2598	263.78	48.211	17.152	8.299	1.0611	7.6719

#1	.22351	.29262	-.00087	.00500	.01192	.0062	.01169	1.4263
#2	.22024	.29945	.00132	.01355	.00933	.0057	.01192	1.2990
#3	.20728	.29348	.00086	.00829	.01319	.0053	.01173	1.5147

Sample Name: K1011-06LX5 Acquired: 1/18/2019 22:26:51 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB116490BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2661
Stddev	.4041
%RSD	9.4718

#1	4.1210
#2	4.7226
#3	3.9546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.2	39815.	3676.7	83.413	3547.8
Stddev	4.8	60.	17.1	2.548	1.7
%RSD	.14707	.15174	.46377	3.0544	.04867

#1	3230.8	39847.	3686.1	80.608	3548.0
#2	3230.1	39852.	3657.0	85.584	3549.4
#3	3238.6	39745.	3687.0	84.048	3546.0

Sample Name: K1011-06MS Acquired: 1/18/2019 22:31:20 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 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	.81031	1.9326	1.0107	1.9942	.78861	2.7324	.35684	.20739	.19948
Stddev	.00437	.0024	.0029	.0037	.00295	.0271	.00157	.00019	.00014
%RSD	.53987	.12257	.29019	.18283	.37430	.99034	.43930	.08983	.06771

#1	.80541	1.9308	1.0082	1.9962	.78772	2.7269	.35519	.20758	.19937
#2	.81171	1.9353	1.0100	1.9900	.79191	2.7085	.35700	.20738	.19944
#3	.81382	1.9318	1.0140	1.9964	.78621	2.7618	.35832	.20721	.19963

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.324	.43020	.20838	.31070	4.8976	.93754	4.7208	.50319	.07519
Stddev	.055	.00180	.00050	.00111	.0588	.00180	.0125	.00081	.00080
%RSD	.27228	.41909	.23768	.35667	1.2013	.19195	.26400	.16058	1.0586

#1	20.260	.43103	.20841	.30946	4.9091	.93642	4.7111	.50308	.07560
#2	20.359	.42813	.20787	.31161	4.9499	.93658	4.7166	.50245	.07427
#3	20.352	.43143	.20886	.31102	4.8339	.93961	4.7349	.50405	.07569

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	327.00	.32225	.23485	11.972	.43213	.30706	.31994	2.4903	.70806
Stddev	3.69	.00089	.00329	.078	.00107	.01186	.00079	.0205	.00193
%RSD	1.1284	.27551	1.4013	.65344	.24759	3.8639	.24689	.82410	.27276

#1	328.76	.32324	.23610	11.922	.43092	.29514	.32080	2.4907	.70625
#2	329.48	.32152	.23733	11.932	.43257	.31887	.31925	2.4696	.70783
#3	322.76	.32199	.23111	12.062	.43292	.30719	.31977	2.5106	.71010

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23343	.22552	5.993	.26835	3.6587	1.4921
Stddev	.00315	.00188	.009	.00097	.1105	.3035
%RSD	1.3474	.83264	.1570	.36243	3.0201	20.339

#1	.23160	.22384	6.002	.26737	3.5915	1.2219
#2	.23162	.22519	5.984	.26835	3.7862	1.8204
#3	.23706	.22755	5.992	.26932	3.5984	1.4339

Sample Name: K1011-06MS Acquired: 1/18/2019 22:31:20 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 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	3001.7	36447.	3478.0	78.761	3179.1
Stddev	9.0	74.	19.2	1.169	8.1
%RSD	.30034	.20263	.55206	1.4837	.25496
#1	2997.8	36409.	3466.5	78.333	3172.6
#2	2995.2	36532.	3467.5	77.867	3176.6
#3	3012.0	36400.	3500.2	80.083	3188.2

Sample Name: K1011-06MSD Acquired: 1/18/2019 22:35:37 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 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	.79212	1.8903	.98602	1.9398	.77234	2.6551	.34999	.20283	.19533
Stddev	.00543	.0085	.00259	.0041	.00121	.0266	.00082	.00015	.00029
%RSD	.68554	.45163	.26260	.20978	.15644	1.0013	.23456	.07152	.14766

#1	.79117	1.8842	.98339	1.9434	.77374	2.6409	.34919	.20266	.19533
#2	.78723	1.9001	.98857	1.9405	.77170	2.6857	.34995	.20291	.19504
#3	.79797	1.8867	.98610	1.9354	.77159	2.6385	.35083	.20291	.19562

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.910	.41905	.20406	.30323	4.8414	.91774	4.6996	.49216	.07316
Stddev	.064	.00160	.00045	.00174	.0357	.00062	.0189	.00109	.00047
%RSD	.32280	.38183	.22129	.57399	.73702	.06806	.40292	.22064	.64875

#1	19.839	.41802	.20354	.30234	4.8007	.91798	4.7188	.49331	.07265
#2	19.964	.41824	.20439	.30212	4.8671	.91821	4.6810	.49204	.07324
#3	19.928	.42090	.20424	.30524	4.8565	.91703	4.6991	.49115	.07359

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	316.76	.31536	.23057	11.792	.42274	.29960	.30077	2.4702	.69026
Stddev	.76	.00106	.00122	.062	.00076	.00914	.00323	.0183	.00380
%RSD	.23974	.33523	.52976	.52256	.18052	3.0520	1.0750	.74115	.54980

#1	317.52	.31479	.22933	11.750	.42213	.29316	.30267	2.4545	.69239
#2	316.00	.31658	.23177	11.863	.42249	.31007	.30261	2.4903	.68588
#3	316.76	.31471	.23060	11.764	.42360	.29558	.29704	2.4658	.69252

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23606	.22480	5.860	.26282	2.7774	2.7513
Stddev	.00301	.00111	.004	.00089	.0637	1.1448
%RSD	1.2760	.49476	.0629	.34006	2.2946	41.610

#1	.23615	.22463	5.861	.26186	2.7160	1.7103
#2	.23903	.22378	5.857	.26297	2.7731	2.5661
#3	.23301	.22599	5.864	.26363	2.8432	3.9774

Sample Name: K1011-06MSD Acquired: 1/18/2019 22:35:37 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 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	3079.5	37573.	3559.5	80.292	3252.2
Stddev	3.9	83.	1.0	.363	5.2
%RSD	.12604	.22056	.02924	.45157	.15869
#1	3082.7	37665.	3560.5	80.650	3257.9
#2	3075.2	37551.	3558.4	79.925	3247.9
#3	3080.6	37503.	3559.5	80.300	3250.7

Sample Name: K1011-06A Acquired: 1/18/2019 22:39:55 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116490BS 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	.78032	1.8687	.97671	1.9241	.75871	2.7220	.35194	.20382	.19348
Stddev	.01485	.0344	.01614	.0342	.01335	.0143	.00301	.00044	.00326
%RSD	1.9032	1.8421	1.6525	1.7778	1.7600	.52488	.85565	.21598	1.6844

#1	.79574	1.9073	.99419	1.9615	.77370	2.7320	.35312	.20337	.19692
#2	.77909	1.8577	.97359	1.9164	.75437	2.7057	.34852	.20425	.19310
#3	.76611	1.8412	.96236	1.8944	.74807	2.7284	.35419	.20385	.19044

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.142	.42290	.20174	.29956	4.9843	.92268	4.6760	.48678	.07349
Stddev	.021	.00077	.00339	.00503	.0513	.00112	.1085	.00647	.00182
%RSD	.10277	.18109	1.6794	1.6775	1.0284	.12125	2.3209	1.3296	2.4739

#1	20.151	.42259	.20541	.30512	5.0427	.92266	4.7772	.49358	.07399
#2	20.118	.42377	.20108	.29822	4.9470	.92158	4.5614	.48607	.07501
#3	20.156	.42234	.19873	.29534	4.9632	.92382	4.6895	.48070	.07148

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	319.34	.31671	.23393	11.864	.41782	.28991	.28491	2.4261	.68660
Stddev	3.66	.00113	.00547	.080	.00659	.00795	.00660	.0181	.01295
%RSD	1.1466	.35768	2.3374	.67838	1.5761	2.7415	2.3154	.74637	1.8863

#1	320.66	.31751	.24023	11.911	.42519	.28148	.29241	2.4290	.70028
#2	315.20	.31542	.23042	11.771	.41578	.29727	.28231	2.4068	.68500
#3	322.15	.31721	.23113	11.910	.41250	.29097	.28002	2.4427	.67452

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23237	.22403	5.796	.26462	3.1775	1.6686
Stddev	.00253	.00207	.100	.00077	.1893	.6400
%RSD	1.0888	.92330	1.728	.29205	5.9585	38.359

#1	.23529	.22192	5.909	.26495	3.2532	2.0863
#2	.23079	.22413	5.761	.26374	3.3173	1.9877
#3	.23103	.22605	5.719	.26517	2.9620	.93171

Sample Name: K1011-06A Acquired: 1/18/2019 22:39:55 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116490BS 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	3124.0	37392.	3581.2	79.358	3297.4
Stddev	35.5	73.	22.6	1.238	36.6
%RSD	1.1366	.19482	.62985	1.5606	1.1103
#1	3087.9	37470.	3576.9	77.933	3260.7
#2	3125.3	37327.	3605.6	80.175	3297.5
#3	3158.9	37377.	3561.2	79.967	3333.9

Sample Name: K1011-08 Acquired: 1/18/2019 22:44:11 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	-.00223	.00993	.00088	.00077	.93276	.14308	.00010
Stddev	.00194	.00082	.00100	.00200	.00157	.02124	.00179	.00008
%RSD	323.89	37.032	10.037	228.37	203.08	2.2767	1.2542	81.414

#1	.00232	-.00127	.01003	-.00116	-.00088	.90859	.14348	.00001
#2	-.00150	-.00271	.01087	.00284	.00095	.94131	.14111	.00015
#3	.00097	-.00270	.00889	.00096	.00225	.94839	.14463	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	26.917	.00156	.00260	.00187	1.7742	.72040	2.8216
Stddev	.00005	.238	.00018	.00014	.00041	.0301	.00106	.0183
%RSD	22.448	.88284	11.412	5.3993	21.986	1.6987	.14766	.65012

#1	-.00019	26.714	.00158	.00256	.00173	1.7698	.72064	2.8268
#2	-.00029	26.859	.00173	.00248	.00154	1.8063	.72132	2.8012
#3	-.00022	27.179	.00138	.00275	.00233	1.7466	.71924	2.8367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.00043	301.56	-.00111	.01814	1.4068	.00060	.00479
Stddev	.00009	.00028	3.00	.00015	.00033	.0181	.00029	.01187
%RSD	3.4668	66.864	.99443	13.158	1.8276	1.2881	48.345	247.98

#1	.00280	.00018	301.35	-.00118	.01826	1.3907	.00072	-.00805
#2	.00263	.00036	298.67	-.00122	.01839	1.4033	.00027	.00705
#3	.00278	.00074	304.66	-.00095	.01776	1.4264	.00082	.01537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40182	2.1636	.00167	.04009	.01857	.0257	.11552	3.1042
Stddev	.00191	.0098	.00099	.00010	.00187	.0009	.00029	.1565
%RSD	.47436	.45477	59.224	.25414	10.079	3.584	.25383	5.0406

#1	.40193	2.1729	.00170	.03999	.01791	.0263	.11518	3.2073
#2	.39987	2.1646	.00067	.04010	.01711	.0246	.11571	2.9242
#3	.40368	2.1533	.00265	.04019	.02068	.0261	.11566	3.1812

Sample Name: K1011-08 Acquired: 1/18/2019 22:44:11 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-011719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.1904
Stddev	.5598
%RSD	9.0430

#1	5.5627
#2	6.3709
#3	6.6378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.9	37089.	3545.5	80.578	3243.1
Stddev	20.0	117.	17.5	1.378	19.2
%RSD	.65656	.31411	.49477	1.7106	.59310

#1	3073.6	36960.	3526.1	80.092	3264.0
#2	3035.6	37119.	3560.3	79.508	3226.1
#3	3043.6	37187.	3550.1	82.133	3239.1

Sample Name: K1173-02 Acquired: 1/18/2019 22:48:46 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00351	.00619	-.00233	.00023	.16271	.05346	-.00002
Stddev	.00266	.00132	.00123	.00105	.00062	.01167	.00126	.00010
%RSD	940.59	37.577	19.807	44.822	272.32	7.1722	2.3482	430.18

#1	.00065	-.00199	.00757	-.00130	.00046	.16603	.05239	.00009
#2	.00274	-.00423	.00579	-.00230	.00070	.14974	.05484	-.00008
#3	-.00254	-.00432	.00522	-.00339	-.00048	.17236	.05316	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	2.3369	.00089	-.00008	.00168	.22797	.02224	.72657
Stddev	.00003	.0236	.00038	.00008	.00017	.01454	.00015	.04069
%RSD	17.391	1.0099	42.236	107.29	10.115	6.3794	.66149	5.6007

#1	-.00023	2.3453	.00087	-.00017	.00181	.24475	.02220	.76247
#2	-.00016	2.3552	.00127	-.00001	.00173	.22001	.02211	.73489
#3	-.00021	2.3103	.00052	-.00005	.00149	.21914	.02240	.68236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	-.00005	314.20	-.00024	.01251	.82155	.00033	.00690
Stddev	.00046	.00061	1.56	.00015	.00037	.01528	.00027	.00308
%RSD	13.929	1338.0	.49692	63.565	2.9928	1.8595	81.248	44.593

#1	.00287	.00059	313.88	-.00042	.01236	.83231	.00060	.00344
#2	.00321	-.00063	315.90	-.00016	.01294	.80407	.00006	.00795
#3	.00377	-.00010	312.83	-.00015	.01224	.82829	.00034	.00931

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55886	.36156	.00065	.00686	.01867	.0037	.01955	3.0449
Stddev	.00113	.00573	.00050	.00119	.00068	.0014	.00027	.1237
%RSD	.20157	1.5840	77.243	17.291	3.6617	37.70	1.3742	4.0624

#1	.55867	.36202	.00011	.00800	.01789	.0022	.01936	3.1291
#2	.56007	.36705	.00110	.00695	.01920	.0039	.01986	2.9029
#3	.55784	.35562	.00074	.00563	.01891	.0050	.01944	3.1028

Sample Name: K1173-02 Acquired: 1/18/2019 22:48:46 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.1292
Stddev	1.0041
%RSD	16.381

#1	6.3691
#2	6.9916
#3	5.0270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.4	37279.	3561.2	78.681	3302.4
Stddev	14.9	95.	58.9	1.343	13.9
%RSD	.48281	.25359	1.6541	1.7065	.42187

#1	3078.0	37171.	3589.1	78.817	3293.7
#2	3075.8	37349.	3493.5	77.275	3295.1
#3	3102.6	37316.	3600.9	79.950	3318.5

Sample Name: CCV10 Acquired: 1/18/2019 22:53:24 Type: Unk
Method: P4-ICP2(v2755) 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	4.7076	4.7059	4.7789	4.6402	4.5842	9.0843	9.5641	.23847
Stddev	.0188	.0164	.0087	.0221	.0040	.0491	.0707	.00074
%RSD	.40031	.34801	.18238	.47679	.08687	.54085	.73931	.31209
#1	4.7135	4.7212	4.7884	4.6437	4.5870	9.0320	9.6349	.23921
#2	4.7228	4.7079	4.7712	4.6604	4.5859	9.0915	9.5639	.23772
#3	4.6865	4.6887	4.7771	4.6166	4.5796	9.1295	9.4934	.23850
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3279	23.336	.96261	2.3388	1.1796	4.8942	2.3348	22.862
Stddev	.0078	.112	.00060	.0096	.0032	.0777	.0017	.107
%RSD	.33526	.47820	.06195	.41142	.27340	1.5880	.07083	.46654
#1	2.3367	23.313	.96193	2.3499	1.1792	4.8568	2.3367	22.979
#2	2.3254	23.457	.96303	2.3331	1.1830	4.8423	2.3338	22.838
#3	2.3217	23.237	.96288	2.3334	1.1766	4.9836	2.3339	22.770
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2824	1.2018	23.411	2.3707	2.4793	24.602	4.7932	F 4.4031
Stddev	.0086	.0002	.225	.0022	.0224	.125	.0126	.0224
%RSD	.37631	.01539	.96083	.09139	.90336	.50642	.26353	.50973
#1	2.2914	1.2017	23.613	2.3689	2.4849	24.721	4.7959	4.4269
#2	2.2816	1.2020	23.451	2.3731	2.4546	24.614	4.8042	4.3823
#3	2.2743	1.2018	23.169	2.3701	2.4983	24.472	4.7794	4.4000
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7883	4.8659	4.6022	4.6814	4.8197	4.650	4.8275	F 2.5835
Stddev	.0173	.0314	.0169	.0105	.0327	.011	.0120	.1076
%RSD	.36173	.64446	.36779	.22394	.67770	.2409	.24872	4.1638
#1	4.8048	4.8829	4.6197	4.6711	4.8532	4.662	4.8303	2.5531
#2	4.7897	4.8851	4.6010	4.6921	4.8181	4.649	4.8378	2.7030
#3	4.7703	4.8297	4.5859	4.6811	4.7879	4.640	4.8143	2.4945

Sample Name: CCV10 Acquired: 1/18/2019 22:53:24 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.4274
Stddev	.9212
%RSD	20.807

#1	5.2402
#2	4.6151
#3	3.4268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.1	38900.	3605.5	79.466	3358.1
Stddev	6.0	40.	20.6	.782	12.6
%RSD	.19076	.10165	.57022	.98384	.37630

#1	3160.9	38874.	3585.1	79.272	3344.4
#2	3160.3	38881.	3605.3	80.327	3360.4
#3	3171.0	38946.	3626.2	78.800	3369.4

Sample Name: CCB10 Acquired: 1/18/2019 22:57:24 Type: Unk
Method: P4-ICP2(v2755) 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	.00154	-.00037	F .00494	-.00117	.00302	-.00817	-.00338	-.00004
Stddev	.00239	.00070	.00061	.00211	.00119	.00662	.00117	.00008
%RSD	154.80	189.21	12.303	180.36	39.315	80.962	34.562	198.01

#1	-.00079	.00007	.00424	-.00334	.00257	-.01167	-.00348	.00003
#2	.00398	-.00001	.00526	-.00107	.00436	-.01231	-.00449	-.00012
#3	.00144	-.00118	.00532	.00089	.00212	-.00054	-.00216	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00430	.00012	-.00079	-.00100	.01398	-.00007	-.03281
Stddev	.00003	.01736	.00008	.00006	.00012	.00646	.00006	.03177
%RSD	41.634	403.86	64.412	7.1572	11.579	46.196	88.070	96.810

#1	-.00009	-.00613	.00020	-.00085	-.00087	.00701	-.00006	-.00116
#2	-.00009	.01391	.00006	-.00073	-.00109	.01517	-.00001	-.03259
#3	-.00004	-.02068	.00009	-.00079	-.00103	.01975	-.00013	-.06469

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00025	.10289	-.00053	-.00575	.44764	.00054	-.00242
Stddev	.00034	.00072	.01570	.00034	.00022	.04263	.00008	.00505
%RSD	114.44	289.32	15.262	64.298	3.8962	9.5228	14.330	208.51

#1	-.00061	-.00013	.09725	-.00074	-.00551	.47303	.00049	.00001
#2	.00006	.00040	.09078	-.00014	-.00578	.47145	.00050	-.00823
#3	-.00034	-.00101	.12063	-.00072	-.00595	.39842	.00063	.00096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09628	.00059	.00055	.00168	F .01082	.0003	.00006	F .95875
Stddev	.00179	.00062	.00027	.00115	.00103	.0013	.00017	.10999
%RSD	1.8596	104.79	48.517	68.212	9.5016	442.0	278.89	11.473

#1	.09470	.00131	.00078	.00109	.01001	.0005	.00017	.83409
#2	.09592	.00030	.00060	.00095	.01046	.0015	.00014	1.0421
#3	.09822	.00017	.00026	.00300	.01197	-.0011	-.00013	1.0000

Sample Name: CCB10 Acquired: 1/18/2019 22:57:24 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4986
Stddev .5392
%RSD 15.411

#1 4.0964
#2 3.0491
#3 3.3503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.1	40841.	3655.0	81.586	3738.0
Stddev	7.8	84.	5.6	1.442	8.4
%RSD	.23881	.20545	.15214	1.7679	.22518

#1	3279.0	40843.	3648.9	80.817	3728.3
#2	3282.4	40923.	3659.8	83.250	3742.1
#3	3294.0	40755.	3656.4	80.692	3743.5

Sample Name: K1173-04 Acquired: 1/18/2019 23:01:53 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00297	.00597	.00032	.00195	.11019	.05787	.00002
Stddev	.00150	.00047	.00007	.00127	.00061	.01100	.00028	.00004
%RSD	86.062	15.865	1.1678	402.52	31.478	9.9807	.48181	146.38

#1	-.00173	-.00245	.00590	.00119	.00151	.09755	.05787	.00001
#2	-.00325	-.00337	.00596	.00091	.00169	.11757	.05815	.00007
#3	-.00025	-.00309	.00604	-.00115	.00265	.11545	.05759	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	1.8761	.00098	-.00002	.00434	.09007	.02475	.80986
Stddev	.00007	.0231	.00048	.00008	.00038	.01179	.00022	.03146
%RSD	40.575	1.2299	48.925	361.89	8.7936	13.092	.89940	3.8847

#1	-.00011	1.8549	.00070	.00004	.00438	.09101	.02462	.81795
#2	-.00026	1.9006	.00071	.00001	.00470	.07784	.02462	.77515
#3	-.00018	1.8728	.00153	-.00012	.00394	.10137	.02501	.83649

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	.00026	292.57	-.00063	.01451	.75505	.00026	.01844
Stddev	.00005	.00030	4.22	.00024	.00056	.03263	.00016	.00084
%RSD	1.0884	115.34	1.4418	38.215	3.8859	4.3213	60.953	4.5550

#1	.00411	.00022	296.15	-.00085	.01493	.72535	.00044	.01889
#2	.00420	.00058	293.64	-.00037	.01472	.74981	.00014	.01747
#3	.00417	-.00002	287.92	-.00067	.01387	.78998	.00020	.01895

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61254	.24841	.00037	.00405	.01368	.0047	.01721	2.7957
Stddev	.00130	.00341	.00069	.00198	.00027	.0009	.00013	.1605
%RSD	.21219	1.3744	183.95	48.917	1.9727	19.43	.74513	5.7402

#1	.61362	.25049	-.00035	.00528	.01399	.0051	.01707	2.9687
#2	.61290	.25028	.00045	.00177	.01356	.0053	.01727	2.7665
#3	.61110	.24447	.00101	.00512	.01349	.0036	.01731	2.6517

Sample Name: K1173-04 Acquired: 1/18/2019 23:01:53 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6796
 Stddev .5548
 %RSD 8.3061

#1 7.3112
 #2 6.2708
 #3 6.4569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.6	37448.	3569.8	81.217	3307.4
Stddev	8.4	149.	43.4	2.116	9.8
%RSD	.27145	.39770	1.2171	2.6050	.29616

#1	3082.9	37310.	3546.4	79.533	3305.4
#2	3068.9	37606.	3543.2	80.525	3298.7
#3	3083.8	37428.	3620.0	83.592	3318.0

Sample Name: K1173-06 Acquired: 1/18/2019 23:06:30 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00354	.01180	.00035	.00180	.16863	.06355	.00002
Stddev	.00228	.00121	.00109	.00233	.00215	.00816	.00052	.00014
%RSD	220.04	34.049	9.2704	673.46	119.65	4.8370	.81965	654.62

#1	.00358	-.00235	.01302	.00207	.00183	.15935	.06324	-.00006
#2	.00035	-.00352	.01150	.00128	.00394	.17189	.06415	-.00006
#3	-.00082	-.00476	.01090	-.00231	-.00037	.17466	.06326	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	4.5145	.00066	.00256	.00160	.21825	.16883	.59489
Stddev	.00009	.0193	.00044	.00013	.00045	.00473	.00014	.08226
%RSD	50.463	.42871	67.452	4.9424	28.111	2.1667	.08047	13.828

#1	-.00027	4.5000	.00071	.00245	.00141	.22240	.16869	.56325
#2	-.00012	4.5071	.00019	.00253	.00127	.21310	.16884	.53315
#3	-.00013	4.5365	.00107	.00270	.00211	.21925	.16896	.68828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	.00028	307.80	-.00005	.04249	.96926	.00053	.01896
Stddev	.00044	.00007	3.42	.00009	.00016	.02013	.00011	.00155
%RSD	41.372	26.821	1.1110	177.38	.37363	2.0772	20.252	8.1535

#1	.00059	.00033	304.38	-.00000	.04249	.98445	.00061	.01981
#2	.00146	.00019	311.22	.00000	.04234	.94642	.00057	.01718
#3	.00113	.00031	307.80	-.00016	.04266	.97689	.00041	.01990

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16356	.51041	.00040	.00561	.01481	.0053	.03583	2.9290
Stddev	.00484	.00600	.00089	.00169	.00079	.0006	.00016	.0872
%RSD	2.9602	1.1762	219.50	30.043	5.3389	11.56	.45573	2.9772

#1	.16915	.50607	.00050	.00590	.01484	.0047	.03578	2.8784
#2	.16086	.51726	-.00053	.00380	.01558	.0052	.03570	3.0297
#3	.16068	.50788	.00124	.00713	.01400	.0059	.03602	2.8790

Sample Name: K1173-06 Acquired: 1/18/2019 23:06:30 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-5124 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4467
Stddev	1.1640
%RSD	21.371

#1	4.7098
#2	6.7887
#3	4.8416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.9	37469.	3581.6	81.156	3304.8
Stddev	16.3	100.	18.2	.275	13.8
%RSD	.52922	.26699	.50820	.33844	.41829

#1	3071.4	37544.	3596.2	80.858	3292.4
#2	3088.3	37355.	3561.2	81.400	3302.4
#3	3104.1	37507.	3587.3	81.208	3319.7

Sample Name: K1173-08 Acquired: 1/18/2019 23:11:07 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3425 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	.00853	-.00146	.00213	.22907	.09752	-.00001
Stddev	.00164	.00125	.00019	.00259	.00105	.01948	.00118	.00006
%RSD	101.72	37.176	2.2465	177.80	49.205	8.5058	1.2065	585.23

#1	.00275	-.00194	.00831	.00068	.00106	.21379	.09772	.00005
#2	.00236	-.00430	.00861	-.00434	.00315	.25101	.09859	-.00003
#3	-.00027	-.00384	.00867	-.00072	.00218	.22241	.09626	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	4.5071	.00014	.00065	.00473	.07424	.04318	.66546
Stddev	.00012	.0093	.00010	.00007	.00025	.00882	.00022	.02665
%RSD	56.048	.20718	70.398	11.323	5.3208	11.877	.51663	4.0042

#1	-.00008	4.5028	.00022	.00063	.00464	.08142	.04341	.63956
#2	-.00027	4.5007	.00018	.00059	.00501	.07690	.04296	.66402
#3	-.00029	4.5178	.00003	.00073	.00453	.06440	.04316	.69279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	.00015	335.57	-.00019	.03205	.94853	.00051	.02052
Stddev	.00057	.00027	1.58	.00025	.00068	.02117	.00012	.01067
%RSD	46.186	172.43	.46942	132.73	2.1088	2.2323	22.844	52.012

#1	.00058	.00045	336.55	-.00047	.03224	.92448	.00040	.00953
#2	.00150	-.00006	333.75	-.00005	.03130	.95672	.00063	.03084
#3	.00161	.00007	336.41	-.00004	.03260	.96438	.00050	.02119

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45636	.30249	.00111	.00332	.01833	.0046	.02804	2.9162
Stddev	.00446	.00278	.00159	.00262	.00236	.0015	.00014	.3250
%RSD	.97748	.91854	144.04	78.933	12.882	32.45	.50440	11.143

#1	.45404	.30510	.00085	.00491	.01801	.0033	.02811	2.6373
#2	.46150	.30279	.00281	.00474	.02084	.0062	.02813	3.2730
#3	.45353	.29957	-.00035	.00030	.01615	.0042	.02788	2.8382

Sample Name: K1173-08 Acquired: 1/18/2019 23:11:07 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3425 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.3762
 Stddev .9346
 %RSD 17.384

#1 6.3084
 #2 5.3809
 #3 4.4392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.1	37251.	3587.4	81.711	3285.8
Stddev	2.0	108.	12.8	1.508	5.1
%RSD	.06403	.29011	.35789	1.8453	.15584

#1	3071.2	37333.	3573.0	80.917	3280.1
#2	3075.1	37129.	3597.6	83.450	3289.8
#3	3072.9	37293.	3591.7	80.767	3287.7

Sample Name: K1180-02 Acquired: 1/18/2019 23:15:44 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00397	.00809	-.00137	.00077	-.03835	.05300	.00003
Stddev	.00056	.00085	.00119	.00338	.00091	.00489	.00062	.00002
%RSD	340.54	21.483	14.728	246.10	117.97	12.742	1.1738	52.890

#1	-.00076	-.00474	.00829	.00225	.00132	-.04042	.05271	.00002
#2	-.00008	-.00306	.00681	-.00193	.00126	-.04187	.05257	.00005
#3	.00035	-.00411	.00917	-.00444	-.00028	-.03277	.05371	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	135.62	.00008	-.00053	.00139	.35142	.55635	8.8148
Stddev	.00009	.41	.00030	.00040	.00022	.00396	.00119	.0191
%RSD	17.771	.30063	359.10	74.934	15.693	1.1257	.21399	.21698

#1	-.00051	136.09	-.00017	-.00074	.00122	.35597	.55678	8.8280
#2	-.00043	135.47	.00041	-.00007	.00163	.34954	.55500	8.8235
#3	-.00061	135.31	.00001	-.00079	.00131	.34875	.55726	8.7928

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00079	305.95	-.00224	.00729	.85110	.00048	.00642
Stddev	.00022	.00040	2.15	.00038	.00020	.00816	.00023	.00477
%RSD	35.637	50.442	.70211	16.992	2.6919	.95915	48.047	74.217

#1	.00083	-.00085	306.97	-.00266	.00721	.85982	.00073	.00122
#2	.00039	-.00115	303.48	-.00213	.00751	.84983	.00047	.00748
#3	.00063	-.00036	307.40	-.00192	.00714	.84364	.00026	.01057

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13948	.06319	.00306	-.00109	.02316	.0023	.13808	3.2664
Stddev	.00376	.00225	.00046	.00190	.00121	.0012	.00037	.0398
%RSD	2.6939	3.5664	15.113	173.38	5.2321	50.20	.26991	1.2183

#1	.14146	.06227	.00270	.00030	.02319	.0017	.13834	3.2350
#2	.14185	.06153	.00291	-.00033	.02435	.0037	.13765	3.2530
#3	.13515	.06575	.00358	-.00325	.02193	.0017	.13824	3.3111

Sample Name: K1180-02 Acquired: 1/18/2019 23:15:44 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.3386
 Stddev .5647
 %RSD 6.7721

#1 7.6866
 #2 8.6567
 #3 8.6725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.5	36324.	3491.3	76.459	3126.6
Stddev	17.2	46.	8.3	.940	24.9
%RSD	.58033	.12761	.23731	1.2296	.79594

#1	2969.8	36300.	3489.9	77.317	3134.8
#2	2947.9	36378.	3500.3	75.454	3098.6
#3	2981.8	36295.	3483.9	76.606	3146.3

Sample Name: K1184-01 Acquired: 1/18/2019 23:20:21 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	-.00451	.07686	-.00079	.00302	.05541	.29758	-.00004
Stddev	.00050	.00175	.00038	.00256	.00191	.01148	.00161	.00002
%RSD	16.854	38.865	.49172	322.69	63.419	20.726	.54127	44.776

#1	-.00328	-.00325	.07643	.00016	.00514	.05776	.29786	-.00004
#2	-.00326	-.00652	.07701	.00115	.00247	.04294	.29585	-.00006
#3	-.00240	-.00378	.07714	-.00369	.00144	.06554	.29903	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	1.2014	.01190	-.00041	.00521	.13128	.02631	.08671
Stddev	.00011	.0237	.00029	.00024	.00013	.01328	.00012	.03351
%RSD	1.6801	1.9743	2.4209	57.732	2.5480	10.114	.44716	38.649

#1	.00662	1.2015	.01166	-.00043	.00508	.14010	.02645	.06512
#2	.00642	1.1776	.01222	-.00017	.00520	.13774	.02623	.12532
#3	.00643	1.2251	.01182	-.00064	.00534	.11601	.02625	.06970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	.00046	305.32	-.00077	2.6427	.78542	-.00013	.03616
Stddev	.00016	.00015	3.43	.00026	.0592	.01220	.00009	.00928
%RSD	6.8159	32.844	1.1230	33.290	2.2407	1.5538	67.451	25.666

#1	.00239	.00028	309.26	-.00048	2.6511	.77349	-.00016	.02734
#2	.00252	.00053	303.73	-.00088	2.6973	.78489	-.00003	.03530
#3	.00220	.00056	302.97	-.00096	2.5798	.79788	-.00021	.04584

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36510	.08653	.00060	.00201	.01696	.0035	.01751	3.0802
Stddev	.00384	.00627	.00077	.00091	.00173	.0006	.00014	.1250
%RSD	1.0512	7.2468	128.95	45.122	10.189	17.27	.81407	4.0583

#1	.36861	.08343	-.00024	.00287	.01877	.0029	.01740	3.1174
#2	.36567	.08241	.00127	.00209	.01533	.0036	.01746	3.1825
#3	.36100	.09375	.00076	.00106	.01678	.0041	.01767	2.9409

Sample Name: K1184-01 Acquired: 1/18/2019 23:20:21 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.0863
 Stddev .4076
 %RSD 6.6962

#1 5.6158
 #2 6.3153
 #3 6.3279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.1	37033.	3468.7	77.725	3272.8
Stddev	10.3	74.	22.5	1.372	3.9
%RSD	.33702	.20103	.64866	1.7649	.11930

#1	3059.7	36951.	3442.9	77.333	3275.9
#2	3053.8	37050.	3478.4	76.592	3274.0
#3	3039.7	37097.	3484.6	79.250	3268.4

Sample Name: K1184-02 Acquired: 1/18/2019 23:24:56 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00383	-.00413	.19892	-.00080	.00469	.13338	.58100	.00002
Stddev	.00077	.00059	.00047	.00192	.00116	.00351	.00287	.00003
%RSD	20.167	14.183	.23709	240.55	24.729	2.6348	.49480	146.35

#1	-.00452	-.00443	.19917	-.00270	.00519	.13122	.58359	.00004
#2	-.00299	-.00450	.19838	-.00082	.00336	.13743	.57790	-.00001
#3	-.00399	-.00345	.19922	.00113	.00551	.13148	.58151	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07822	9.8575	.50372	.00400	.01079	.41863	.49705	1.5709
Stddev	.00020	.0328	.00219	.00024	.00062	.00518	.00026	.0235
%RSD	.26083	.33295	.43465	6.0161	5.7456	1.2372	.05183	1.4954

#1	.07818	9.8600	.50594	.00382	.01144	.41358	.49679	1.5680
#2	.07803	9.8234	.50367	.00427	.01021	.41838	.49730	1.5490
#3	.07844	9.8889	.50156	.00390	.01070	.42393	.49706	1.5958

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00581	-.00024	317.24	-.00140	32.828	2.8267	-.00406	.14421
Stddev	.00047	.00051	2.01	.00050	.688	.0468	.00019	.01628
%RSD	8.0539	217.42	.63452	35.723	2.0972	1.6541	4.7173	11.289

#1	.00528	-.00012	318.22	-.00197	32.820	2.8596	-.00405	.13288
#2	.00617	-.00080	314.92	-.00121	33.520	2.7731	-.00426	.16287
#3	.00599	.00021	318.57	-.00103	32.144	2.8472	-.00388	.13689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5468	.42360	.00148	.00749	.01934	.0492	.10949	3.1713
Stddev	.0075	.01571	.00085	.00127	.00052	.0008	.00013	.1342
%RSD	.48693	3.7079	57.353	16.954	2.6856	1.673	.11785	4.2313

#1	1.5431	.44114	.00118	.00802	.01948	.0496	.10964	3.0991
#2	1.5554	.41086	.00244	.00841	.01977	.0482	.10943	3.3261
#3	1.5418	.41878	.00082	.00604	.01876	.0497	.10940	3.0886

Sample Name: K1184-02 Acquired: 1/18/2019 23:24:56 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5371
 Stddev .8097
 %RSD 12.386

#1 6.8606
 #2 7.1349
 #3 5.6157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.5	37247.	3495.4	80.098	3266.6
Stddev	5.9	118.	24.9	1.617	3.0
%RSD	.19432	.31757	.71103	2.0191	.09075

#1	3041.0	37240.	3471.6	79.892	3263.5
#2	3049.2	37132.	3521.2	78.594	3266.9
#3	3052.4	37368.	3493.4	81.809	3269.4

Sample Name: K1184-03 Acquired: 1/18/2019 23:29:37 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	-.00397	.03736	.00179	.02601	.04072	.33189	-.00005
Stddev	.00138	.00077	.00037	.00215	.00072	.01172	.00112	.00004
%RSD	39.533	19.341	.98274	119.93	2.7685	28.789	.33672	66.138

#1	-.00385	-.00332	.03762	-.00058	.02642	.04890	.33061	-.00010
#2	-.00465	-.00482	.03694	.00235	.02643	.02729	.33260	-.00003
#3	-.00197	-.00378	.03753	.00360	.02518	.04596	.33248	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	1.1735	.00865	-.00064	.00282	.13683	.04557	.08860
Stddev	.00009	.0100	.00015	.00017	.00042	.00331	.00038	.04979
%RSD	1.4455	.85580	1.6905	26.623	15.071	2.4186	.83445	56.198

#1	.00583	1.1827	.00880	-.00081	.00247	.13504	.04599	.14140
#2	.00599	1.1750	.00865	-.00047	.00329	.13481	.04544	.08192
#3	.00594	1.1628	.00851	-.00064	.00269	.14065	.04526	.04249

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	-.00012	332.35	-.00081	2.5873	.89445	.00006	.05085
Stddev	.00031	.00073	2.79	.00064	.0813	.01993	.00028	.00612
%RSD	10.575	626.23	.83991	78.456	3.1415	2.2278	442.64	12.036

#1	.00257	.00072	332.57	-.00134	2.6393	.89918	-.00016	.05584
#2	.00305	-.00063	335.02	-.00098	2.6291	.91159	.00038	.05268
#3	.00315	-.00044	329.45	-.00011	2.4937	.87258	-.00003	.04402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37099	.10709	-.00007	.00288	.01728	.0032	.01684	3.0771
Stddev	.00538	.00306	.00105	.00168	.00131	.0011	.00008	.0410
%RSD	1.4503	2.8555	1534.2	58.170	7.5756	35.58	.44958	1.3326

#1	.36756	.10589	-.00092	.00379	.01872	.0040	.01688	3.0533
#2	.37719	.10481	.00110	.00095	.01695	.0019	.01676	3.1244
#3	.36822	.11056	-.00038	.00391	.01616	.0038	.01689	3.0535

Sample Name: K1184-03 Acquired: 1/18/2019 23:29:37 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4177
 Stddev .5927
 %RSD 10.940

#1 5.9284
 #2 5.5571
 #3 4.7677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.5	36874.	3489.1	76.722	3262.6
Stddev	9.6	66.	21.7	2.511	6.4
%RSD	.31359	.17781	.62149	3.2735	.19559

#1	3038.7	36799.	3476.4	75.033	3257.1
#2	3057.2	36906.	3476.7	75.525	3261.3
#3	3043.7	36917.	3514.1	79.608	3269.6

Sample Name: K1184-04 Acquired: 1/18/2019 23:34:12 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00355	.20117	-.00042	.00888	.16317	.79987	-.00004
Stddev	.00141	.00103	.00105	.00265	.00059	.01332	.00673	.00008
%RSD	72.045	29.153	.52259	633.68	6.6860	8.1621	.84101	196.55

#1	-.00306	-.00432	.20009	-.00346	.00947	.14893	.79673	-.00011
#2	-.00037	-.00237	.20125	.00132	.00889	.17532	.80759	.00004
#3	-.00244	-.00395	.20219	.00089	.00828	.16526	.79528	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06853	14.356	.09846	.00448	.00816	.29614	.55494	1.8376
Stddev	.00027	.064	.00071	.00022	.00027	.00703	.00076	.0462
%RSD	.39382	.44313	.71806	4.8427	3.3069	2.3744	.13612	2.5127

#1	.06882	14.333	.09861	.00464	.00843	.30426	.55410	1.8275
#2	.06829	14.307	.09770	.00456	.00815	.29198	.55513	1.8880
#3	.06847	14.427	.09909	.00423	.00789	.29218	.55558	1.7974

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	.00016	314.48	-.00191	28.303	2.4845	-.00342	.18128
Stddev	.00019	.00062	5.51	.00019	.323	.0291	.00023	.01765
%RSD	4.2621	388.23	1.7534	9.8247	1.1397	1.1700	6.7832	9.7350

#1	.00461	.00010	317.57	-.00210	28.267	2.4900	-.00325	.16359
#2	.00457	-.00043	317.76	-.00190	28.001	2.5105	-.00368	.19888
#3	.00426	.00081	308.12	-.00173	28.643	2.4531	-.00332	.18136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0708	.54918	.00127	.00938	.01985	.0605	.13705	3.2364
Stddev	.0091	.00257	.00024	.00218	.00096	.0009	.00018	.0704
%RSD	.85193	.46815	18.903	23.201	4.8290	1.558	.12880	2.1740

#1	1.0605	.54723	.00139	.00861	.01876	.0601	.13724	3.2202
#2	1.0741	.55209	.00143	.01184	.02029	.0599	.13689	3.1755
#3	1.0778	.54821	.00100	.00770	.02052	.0616	.13701	3.3134

Sample Name: K1184-04 Acquired: 1/18/2019 23:34:12 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5848
 Stddev .2864
 %RSD 4.3496

#1 6.8389
 #2 6.2744
 #3 6.6412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.9	36843.	3440.3	78.220	3233.9
Stddev	10.0	154.	25.3	.741	7.4
%RSD	.33131	.41780	.73397	.94723	.23022

#1	3012.7	36809.	3439.5	78.218	3234.7
#2	3015.7	37010.	3415.4	78.963	3226.1
#3	3031.3	36708.	3465.9	77.481	3241.0

Sample Name: K1184-05 Acquired: 1/18/2019 23:38:44 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	-.00412	.01593	-.00020	.00184	.05280	.22777	-.00006
Stddev	.00194	.00075	.00056	.00056	.00136	.00835	.00186	.00001
%RSD	61.180	18.282	3.5154	279.88	73.695	15.816	.81755	15.947

#1	-.00139	-.00478	.01614	-.00084	.00180	.04547	.22891	-.00007
#2	-.00289	-.00330	.01636	.00022	.00321	.05104	.22562	-.00005
#3	-.00524	-.00429	.01530	.00002	.00050	.06189	.22878	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.79214	.00251	-.00053	.00209	.09529	.02157	.11103
Stddev	.00008	.00614	.00018	.00003	.00018	.00078	.00016	.02534
%RSD	8.0378	.77561	7.1091	5.6746	8.4043	.82058	.74124	22.827

#1	.00106	.78591	.00269	-.00050	.00214	.09452	.02156	.09587
#2	.00093	.79820	.00248	-.00054	.00223	.09527	.02174	.09693
#3	.00092	.79233	.00234	-.00056	.00189	.09608	.02142	.14029

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00048	325.10	-.00108	.72546	.88932	.00039	.03502
Stddev	.00014	.00056	1.93	.00039	.00228	.03752	.00021	.00460
%RSD	5.9190	117.72	.59221	35.965	.31365	4.2190	54.798	13.140

#1	.00227	.00103	327.29	-.00065	.72391	.87817	.00031	.03902
#2	.00242	.00050	324.30	-.00140	.72807	.85863	.00023	.03605
#3	.00256	-.00010	323.70	-.00120	.72440	.93115	.00063	.02999

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28846	.13657	.00054	.00419	.01505	.0011	.00667	2.9395
Stddev	.00369	.00187	.00090	.00072	.00073	.0002	.00003	.0969
%RSD	1.2799	1.3711	165.14	17.180	4.8330	14.66	.48280	3.2954

#1	.28741	.13781	.00138	.00473	.01517	.0011	.00664	3.0464
#2	.29256	.13749	.00066	.00337	.01571	.0010	.00670	2.9146
#3	.28540	.13442	-.00041	.00446	.01427	.0013	.00668	2.8575

Sample Name: K1184-05 Acquired: 1/18/2019 23:38:44 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1655
Stddev	.2374
%RSD	3.8496

#1	6.4316
#2	6.0894
#3	5.9756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.2	36878.	3440.1	78.236	3258.8
Stddev	12.0	197.	11.8	.323	7.8
%RSD	.39418	.53355	.34370	.41285	.23955

#1	3040.1	36683.	3434.5	78.125	3254.9
#2	3034.8	36874.	3432.2	77.983	3253.7
#3	3057.7	37076.	3453.7	78.600	3267.8

Sample Name: K1187-01 Acquired: 1/18/2019 23:43:20 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00465	.00288	-.00222	.00038	-.00562	-.00246	-.00005
Stddev	.00145	.00056	.00050	.00072	.00062	.00334	.00055	.00005
%RSD	178.25	12.008	17.346	32.464	163.54	59.340	22.179	92.948

#1	-.00164	-.00424	.00259	-.00272	.00100	-.00198	-.00191	-.00004
#2	.00086	-.00443	.00345	-.00254	.00038	-.00853	-.00300	-.00010
#3	-.00165	-.00529	.00259	-.00139	-.00024	-.00636	-.00248	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.18236	.00072	-.00077	.04470	.07336	.00121	.02313
Stddev	.00002	.01972	.00018	.00021	.00024	.00677	.00009	.02654
%RSD	16.792	10.815	24.827	27.396	.53624	9.2261	7.3717	114.76

#1	-.00015	.18360	.00083	-.00074	.04442	.06569	.00131	.01361
#2	-.00011	.16205	.00082	-.00057	.04484	.07849	.00116	.00266
#3	-.00013	.20143	.00051	-.00099	.04484	.07590	.00115	.05312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00051	.48491	-.00072	.04313	.51625	.00053	.01066
Stddev	.00025	.00059	.01412	.00026	.00086	.06406	.00022	.00654
%RSD	158.70	115.07	2.9123	36.289	2.0039	12.408	41.261	61.355

#1	.00015	.00016	.50121	-.00063	.04272	.45119	.00034	.00981
#2	-.00009	-.00075	.47648	-.00102	.04413	.57925	.00076	.00458
#3	.00041	-.00095	.47702	-.00052	.04256	.51831	.00048	.01758

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7776	.01357	-.00188	.00378	.01129	.0079	.00024	.87516
Stddev	.0225	.00429	.00084	.00082	.00181	.0012	.00007	.21318
%RSD	.38972	31.583	44.655	21.817	16.063	15.41	30.906	24.359

#1	5.7576	.00920	-.00119	.00365	.01140	.0074	.00033	1.1200
#2	5.7732	.01374	-.00282	.00303	.00943	.0071	.00021	.73039
#3	5.8020	.01777	-.00163	.00466	.01305	.0093	.00019	.77514

Sample Name: K1187-01 Acquired: 1/18/2019 23:43:20 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: R1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0597
 Stddev .6396
 %RSD 31.051

#1 2.5941
 #2 2.2338
 #3 1.3511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.8	40457.	3559.4	79.531	3664.8
Stddev	17.0	277.	10.4	1.403	7.8
%RSD	.53351	.68424	.29357	1.7640	.21357

#1	3167.2	40154.	3555.0	79.917	3659.8
#2	3197.5	40521.	3551.8	77.975	3673.8
#3	3195.8	40696.	3571.3	80.700	3660.8

Sample Name: CCV11 Acquired: 1/18/2019 23:47:48 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116484BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8633	4.9003	4.9480	4.7698	4.7265	9.3951	9.8717	.24695
Stddev	.0036	.0130	.0104	.0052	.0078	.1309	.0121	.00099
%RSD	.07299	.26564	.21023	.10882	.16472	1.3932	.12291	.40251
#1	4.8637	4.8985	4.9438	4.7714	4.7228	9.2578	9.8826	.24614
#2	4.8595	4.8882	4.9404	4.7740	4.7355	9.4091	9.8586	.24806
#3	4.8666	4.9140	4.9598	4.7640	4.7213	9.5184	9.8737	.24665
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4195	24.273	.99047	2.4236	1.2270	5.0407	2.4118	23.832
Stddev	.0057	.126	.00280	.0066	.0045	.0277	.0041	.222
%RSD	.23588	.51801	.28221	.27127	.36658	.54958	.17135	.93333
#1	2.4146	24.138	.98866	2.4175	1.2316	5.0378	2.4098	23.656
#2	2.4182	24.293	.99369	2.4226	1.2267	5.0697	2.4165	23.759
#3	2.4258	24.387	.98906	2.4306	1.2226	5.0146	2.4090	24.082
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3707	1.2396	24.353	2.4606	2.5816	25.430	4.9983	4.5803
Stddev	.0063	.0022	.028	.0033	.0553	.053	.0041	.0356
%RSD	.26450	.18076	.11552	.13259	2.1415	.20663	.08249	.77770
#1	2.3675	1.2373	24.362	2.4644	2.6262	25.428	5.0015	4.5393
#2	2.3667	1.2399	24.321	2.4585	2.5988	25.379	4.9997	4.6039
#3	2.3780	1.2417	24.375	2.4590	2.5197	25.484	4.9936	4.5977
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9561	5.0017	4.7499	4.8534	4.9903	4.816	4.9688	F 2.4607
Stddev	.0105	.0579	.0163	.0127	.0120	.018	.0131	.0513
%RSD	.21186	1.1582	.34308	.26221	.24056	.3645	.26435	2.0831
#1	4.9440	5.0626	4.7429	4.8389	5.0041	4.810	4.9839	2.4078
#2	4.9622	4.9473	4.7382	4.8629	4.9819	4.803	4.9628	2.5101
#3	4.9621	4.9950	4.7685	4.8584	4.9851	4.836	4.9598	2.4641

Sample Name: CCV11 Acquired: 1/18/2019 23:47:48 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116484BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.3217
Stddev	1.0126
%RSD	23.430

#1	4.4048
#2	3.2702
#3	5.2902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.3	38635.	3564.6	78.062	3314.3
Stddev	5.5	93.	28.1	1.654	7.3
%RSD	.17719	.23954	.78884	2.1187	.22134

#1	3127.8	38696.	3532.3	76.745	3321.7
#2	3120.2	38528.	3577.5	77.522	3314.2
#3	3131.0	38680.	3583.9	79.918	3307.0

Sample Name: CCB11 Acquired: 1/18/2019 23:51:48 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116484BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	-.00037	F .00473	-.00197	.00201	-.01190	-.00262	.00001
Stddev	.00323	.00058	.00058	.00140	.00033	.00567	.00082	.00009
%RSD	92.137	156.79	12.184	71.100	16.268	47.608	31.390	982.47
#1	.00707	.00019	.00429	-.00271	.00181	-.00567	-.00347	.00001
#2	.00080	-.00097	.00538	-.00286	.00239	-.01331	-.00257	-.00008
#3	.00264	-.00033	.00451	-.00036	.00183	-.01673	-.00183	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00513	.00010	-.00055	-.00083	.01611	-.00011	.05661
Stddev	.00009	.00449	.00025	.00018	.00035	.00876	.00004	.06994
%RSD	92.503	87.532	240.96	32.779	42.228	54.405	33.380	123.54
#1	-.00021	-.00672	.00030	-.00035	-.00120	.00603	-.00014	.08985
#2	-.00006	-.00862	.00020	-.00070	-.00051	.02195	-.00007	-.02375
#3	-.00004	-.00006	-.00018	-.00058	-.00077	.02034	-.00011	.10374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00025	.11135	-.00065	-.00477	.41122	.00045	-.00137
Stddev	.00028	.00054	.00771	.00072	.00015	.02536	.00012	.00838
%RSD	125.63	221.18	6.9279	109.75	3.1204	6.1671	25.650	612.96
#1	-.00002	.00008	.11072	-.00031	-.00464	.39104	.00049	-.00266
#2	-.00011	-.00088	.10396	-.00147	-.00493	.43969	.00032	-.00903
#3	-.00054	.00005	.11935	-.00017	-.00472	.40293	.00054	.00758
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06013	.00153	.00040	.00158	F .00746	.0036	.00007	F .88716
Stddev	.00263	.00421	.00034	.00190	.00236	.0014	.00008	.25456
%RSD	4.3733	274.66	85.327	120.21	31.637	40.48	126.16	28.693
#1	.05732	.00269	.00068	.00153	.00475	.0038	.00000	1.1365
#2	.06253	.00505	.00002	-.00029	.00903	.0020	.00004	.89730
#3	.06054	-.00314	.00050	.00352	.00861	.0049	.00016	.62769

Sample Name: CCB11 Acquired: 1/18/2019 23:51:48 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116484BS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7474
Stddev .4359
%RSD 11.631

#1 4.2048
#2 3.7004
#3 3.3369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.7	40532.	3581.0	80.375	3684.2
Stddev	6.4	70.	23.9	1.929	2.6
%RSD	.19574	.17170	.66649	2.4004	.07059

#1	3251.4	40455.	3554.3	79.625	3685.2
#2	3261.7	40553.	3600.1	82.567	3686.2
#3	3263.1	40589.	3588.8	78.933	3681.3

Sample Name: K1189-02 Acquired: 1/18/2019 23:56:18 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	-.00416	.00698	-.00078	.00255	.07696	.16959	.00027
Stddev	.00075	.00104	.00140	.00086	.00057	.00597	.00114	.00002
%RSD	27.817	25.135	20.077	110.39	22.219	7.7593	.67370	6.9586

#1	-.00353	-.00382	.00716	-.00096	.00195	.07067	.17091	.00027
#2	-.00237	-.00533	.00828	.00016	.00308	.08255	.16891	.00028
#3	-.00214	-.00332	.00550	-.00154	.00262	.07766	.16895	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	8.9199	.00046	.00359	.00274	.06902	.27920	3.9455
Stddev	.00008	.0324	.00026	.00011	.00030	.00898	.00015	.0207
%RSD	25.167	.36306	56.982	3.0353	11.098	13.012	.05261	.52330

#1	-.00037	8.9569	.00059	.00350	.00252	.05910	.27921	3.9577
#2	-.00037	8.8964	.00062	.00371	.00309	.07134	.27934	3.9217
#3	-.00023	8.9065	.00016	.00355	.00261	.07661	.27905	3.9572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00011	344.81	-.00128	.01781	2.3940	.00033	.01140
Stddev	.00039	.00022	2.07	.00047	.00041	.0348	.00013	.01518
%RSD	75.511	210.13	.60031	36.691	2.3061	1.4555	40.031	133.12

#1	.00012	-.00030	346.17	-.00085	.01738	2.4254	.00035	.02463
#2	.00054	.00014	345.84	-.00178	.01819	2.3565	.00045	-.00517
#3	.00091	-.00015	342.43	-.00120	.01786	2.4002	.00019	.01475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22526	.56155	.00071	.00657	.01535	.0062	.10133	2.7956
Stddev	.00153	.00381	.00050	.00200	.00302	.0022	.00049	.0674
%RSD	.67744	.67788	70.916	30.460	19.698	35.47	.47903	2.4100

#1	.22698	.56491	.00128	.00574	.01553	.0042	.10172	2.7179
#2	.22476	.55742	.00050	.00885	.01827	.0059	.10148	2.8362
#3	.22405	.56232	.00034	.00512	.01224	.0086	.10078	2.8329

Sample Name: K1189-02 Acquired: 1/18/2019 23:56:18 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200034 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.2713
 Stddev 1.0073
 %RSD 19.109

#1 5.9743
 #2 4.1173
 #3 5.7222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.9	36987.	3464.0	75.636	3224.4
Stddev	12.8	117.	9.1	1.386	15.3
%RSD	.42007	.31564	.26335	1.8324	.47380

#1	3035.1	36885.	3456.8	77.183	3210.2
#2	3040.2	37115.	3461.0	74.508	3222.5
#3	3059.4	36962.	3474.3	75.217	3240.6

Sample Name: K1189-04 Acquired: 1/19/2019 0:00:54 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT3422 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00341	.00609	.00072	.00082	.20384	.30471	.00035
Stddev	.00092	.00194	.00102	.00306	.00054	.00791	.00114	.00003
%RSD	96.653	56.830	16.739	422.84	66.307	3.8810	.37548	7.9272

#1	.00178	-.00181	.00500	-.00042	.00087	.20207	.30431	.00034
#2	.00111	-.00286	.00626	.00419	.00134	.19696	.30600	.00039
#3	-.00004	-.00557	.00702	-.00160	.00025	.21248	.30381	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	4.8447	.00068	-.00037	.00430	.03725	.07820	3.7219
Stddev	.00005	.0171	.00024	.00018	.00031	.01167	.00081	.0310
%RSD	23.190	.35258	35.362	48.140	7.3024	31.318	1.0334	.83213

#1	-.00024	4.8250	.00095	-.00049	.00435	.02388	.07831	3.6914
#2	-.00018	4.8529	.00060	-.00046	.00396	.04252	.07734	3.7533
#3	-.00028	4.8561	.00048	-.00017	.00458	.04536	.07894	3.7211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00011	331.51	-.00037	.01582	1.2890	.00040	.00446
Stddev	.00033	.00036	.40	.00026	.00116	.0126	.00009	.01147
%RSD	17.887	330.37	.12005	70.046	7.3220	.97523	23.198	257.20

#1	.00148	-.00052	331.32	-.00057	.01545	1.3029	.00045	-.00795
#2	.00190	.00005	331.25	-.00047	.01711	1.2784	.00029	.01468
#3	.00213	.00014	331.97	-.00008	.01489	1.2858	.00046	.00664

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36235	.38079	.00167	.00482	.01772	.0056	.08830	2.8013
Stddev	.00878	.00306	.00056	.00150	.00163	.0015	.00061	.1920
%RSD	2.4243	.80437	33.612	31.105	9.1982	27.38	.69058	6.8520

#1	.37236	.37852	.00107	.00548	.01596	.0058	.08870	2.8769
#2	.35880	.38427	.00177	.00588	.01801	.0039	.08861	2.5831
#3	.35590	.37958	.00218	.00310	.01919	.0070	.08760	2.9440

Sample Name: K1189-04 Acquired: 1/19/2019 0:00:54 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT3422 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6101
 Stddev .7113
 %RSD 10.760

#1 6.2629
 #2 6.1390
 #3 7.4282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.3	37221.	3488.2	78.300	3244.2
Stddev	10.7	374.	21.0	3.879	15.9
%RSD	.34863	1.0053	.60160	4.9545	.48971

#1	3065.6	36949.	3466.9	79.075	3226.7
#2	3087.0	37648.	3488.7	74.092	3257.6
#3	3076.3	37065.	3508.9	81.733	3248.3

Sample Name: CCV12 Acquired: 1/19/2019 0:05:32 Type: Unk
Method: P4-ICP2(v2755) 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	4.9265	4.9750	5.0035	4.8421	4.7812	9.4196	9.9969	.24895
Stddev	.0202	.0017	.0202	.0071	.0155	.1223	.0662	.00052
%RSD	.40903	.03355	.40422	.14631	.32347	1.2978	.66224	.21035
#1	4.9229	4.9769	5.0089	4.8460	4.7686	9.3091	10.049	.24894
#2	4.9482	4.9736	5.0206	4.8464	4.7985	9.3988	10.019	.24842
#3	4.9083	4.9746	4.9812	4.8340	4.7766	9.5509	9.9225	.24947
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4575	24.613	1.0027	2.4561	1.2411	5.1275	2.4312	24.033
Stddev	.0068	.011	.0023	.0058	.0032	.0625	.0017	.055
%RSD	.27831	.04424	.22832	.23611	.25733	1.2194	.06824	.22720
#1	2.4629	24.618	1.0039	2.4598	1.2438	5.1746	2.4315	24.046
#2	2.4598	24.620	1.0000	2.4591	1.2419	5.1513	2.4294	23.973
#3	2.4499	24.600	1.0041	2.4495	1.2375	5.0566	2.4327	24.080
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4058	1.2440	24.690	2.4890	2.6420	25.795	5.0607	4.6168
Stddev	.0045	.0023	.173	.0071	.0542	.184	.0080	.0024
%RSD	.18716	.18454	.70043	.28429	2.0511	.71279	.15769	.05272
#1	2.4079	1.2443	24.828	2.4844	2.6785	25.900	5.0576	4.6171
#2	2.4088	1.2415	24.746	2.4854	2.6677	25.903	5.0698	4.6191
#3	2.4006	1.2461	24.496	2.4971	2.5797	25.583	5.0548	4.6142
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0312	5.0829	4.8243	4.8984	5.0547	4.896	5.0553	F 2.3596
Stddev	.0117	.0362	.0017	.0033	.0385	.003	.0336	.1681
%RSD	.23342	.71205	.03477	.06669	.76246	.0638	.66524	7.1223
#1	5.0448	5.1190	4.8262	4.9020	5.0923	4.898	5.0788	2.3583
#2	5.0252	5.0830	4.8232	4.8957	5.0564	4.898	5.0703	2.1923
#3	5.0237	5.0467	4.8235	4.8975	5.0153	4.892	5.0168	2.5284

Sample Name: CCV12 Acquired: 1/19/2019 0:05:32 Type: Unk
Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1590
Stddev .6115
%RSD 11.853

#1 4.8458
#2 4.7676
#3 5.8637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.3	38651.	3527.7	76.937	3301.9
Stddev	12.5	72.	32.9	1.631	12.9
%RSD	.39954	.18708	.93299	2.1198	.38993

#1	3129.8	38586.	3496.4	76.002	3298.1
#2	3112.5	38729.	3524.7	75.989	3291.3
#3	3136.7	38639.	3562.0	78.820	3316.2

Sample Name: CCB12 Acquired: 1/19/2019 0:09:32 Type: Unk
Method: P4-ICP2(v2755) 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	.00121	.00031	F .00487	-.00196	.00323	-.01125	-.00230	.00000
Stddev	.00190	.00041	.00135	.00135	.00319	.01331	.00060	.00005
%RSD	157.27	131.07	27.715	69.033	98.691	118.38	26.084	2356.0
#1	.00247	-.00010	.00607	-.00215	.00604	-.02564	-.00195	.00004
#2	.00213	.00032	.00513	-.00321	-.00024	-.00871	-.00196	-.00005
#3	-.00098	.00073	.00341	-.00052	.00389	.00062	-.00299	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00411	.00003	-.00039	-.00069	.02282	-.00009	.02785
Stddev	.00005	.00242	.00010	.00012	.00067	.00837	.00007	.07237
%RSD	52.468	58.913	280.06	31.456	97.247	36.685	70.365	259.87
#1	-.00005	-.00681	.00002	-.00027	-.00087	.03023	-.00017	.11142
#2	-.00014	-.00340	-.00006	-.00051	.00005	.02448	-.00005	-.01366
#3	-.00008	-.00213	.00014	-.00039	-.00124	.01374	-.00007	-.01421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00015	.13774	-.00078	-.00542	.39222	.00020	.00103
Stddev	.00026	.00065	.00245	.00027	.00003	.01159	.00005	.00268
%RSD	136.74	430.02	1.7777	34.223	.55726	2.9541	25.873	258.78
#1	-.00043	-.00051	.13617	-.00047	-.00539	.39713	.00024	.00001
#2	.00008	.00018	.13649	-.00091	-.00545	.40054	.00014	-.00098
#3	-.00022	.00079	.14057	-.00095	-.00542	.37898	.00022	.00407
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04417	.00291	.00065	.00383	F .01034	.0017	-.00013	F 1.0102
Stddev	.00148	.00096	.00078	.00087	.00091	.0013	.00017	.1748
%RSD	3.3418	32.979	119.61	22.731	8.8166	75.43	135.05	17.308
#1	.04253	.00181	.00148	.00332	.00929	.0006	-.00020	1.1134
#2	.04540	.00332	.00052	.00333	.01093	.0031	-.00026	.80829
#3	.04459	.00359	-.00005	.00483	.01081	.0013	.00007	1.1088

Sample Name: CCB12 Acquired: 1/19/2019 0:09:32 Type: Unk
 Method: P4-ICP2(v2755) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.6956
 Stddev .2132
 %RSD 5.7700

#1 3.5269
 #2 3.6247
 #3 3.9353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.5	40492.	3538.0	80.386	3703.0
Stddev	6.1	17.	29.1	1.153	3.6
%RSD	.18657	.04177	.82140	1.4342	.09856

#1	3266.8	40492.	3522.2	81.717	3702.9
#2	3272.4	40509.	3520.3	79.758	3699.4
#3	3260.2	40476.	3571.5	79.683	3706.7