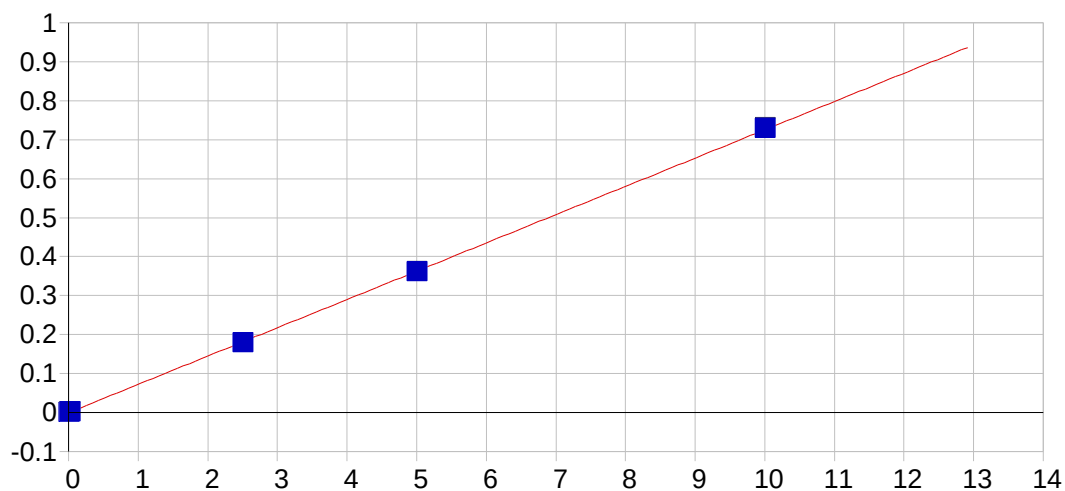


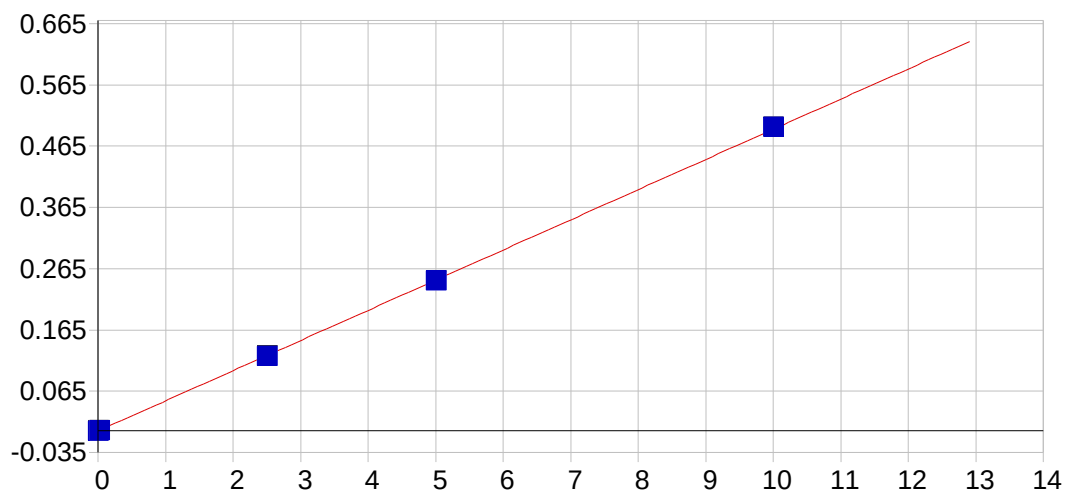


As 189.042 {478}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.072559 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002672
 Predicted MQL: 0.008908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.02000	.01785	-.002	-10.8	.00110	.000	1
S3	2.5000	2.4715	-.028	-1.14	.17913	.000	1
S4	5.0000	4.9727	-.027	-.545	.36060	.000	1
S5	10.000	10.058	.058	.579	.72955	.001	1



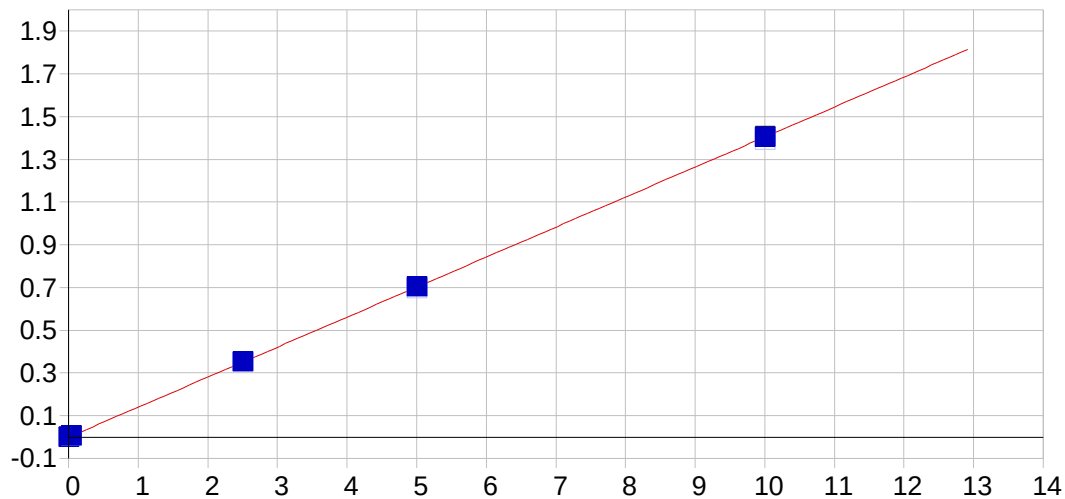
As 189.042 {479}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000036 Re-Slope: 1.000000

A1 (Gain): 0.049236 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002533
 Predicted MQL: 0.008442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.02000	.01857	-.001	-7.13	.00088	.000	1
S3	2.5000	2.4772	-.023	-.911	.12194	.000	1
S4	5.0000	4.9679	-.032	-.642	.24457	.000	1
S5	10.000	10.056	.056	.563	.49511	.000	1

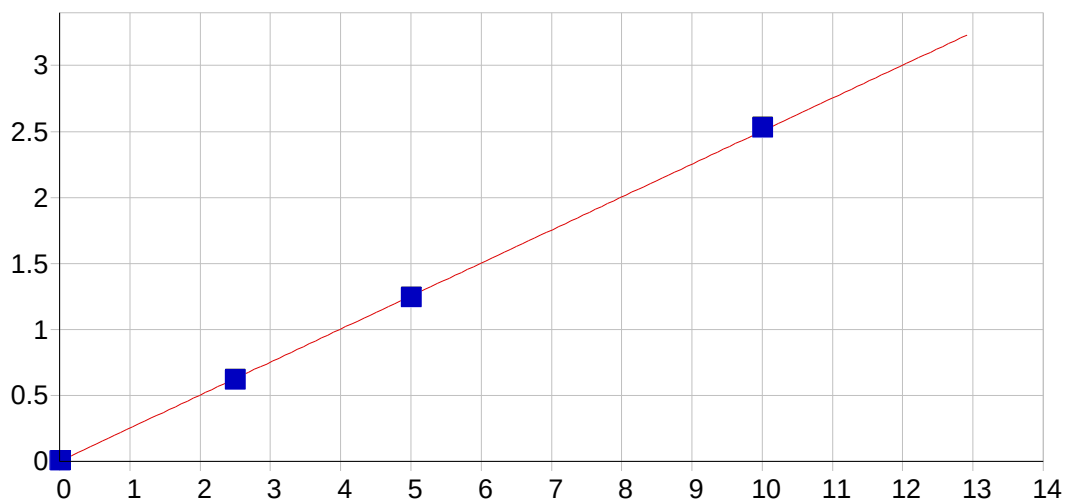


TI 190.856 {477}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000512 Re-Slope: 1.000000
 A1 (Gain): 0.140511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001164
 Predicted MQL: 0.003881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00051	.000	1
S1	.04000	.04352	.004	8.80	.00546	.000	1
S3	2.5000	2.5097	.010	.387	.34852	.001	1
S4	5.0000	4.9959	-.004	-.082	.69426	.002	1
S5	10.000	9.9910	-.009	-.090	1.3889	.003	1

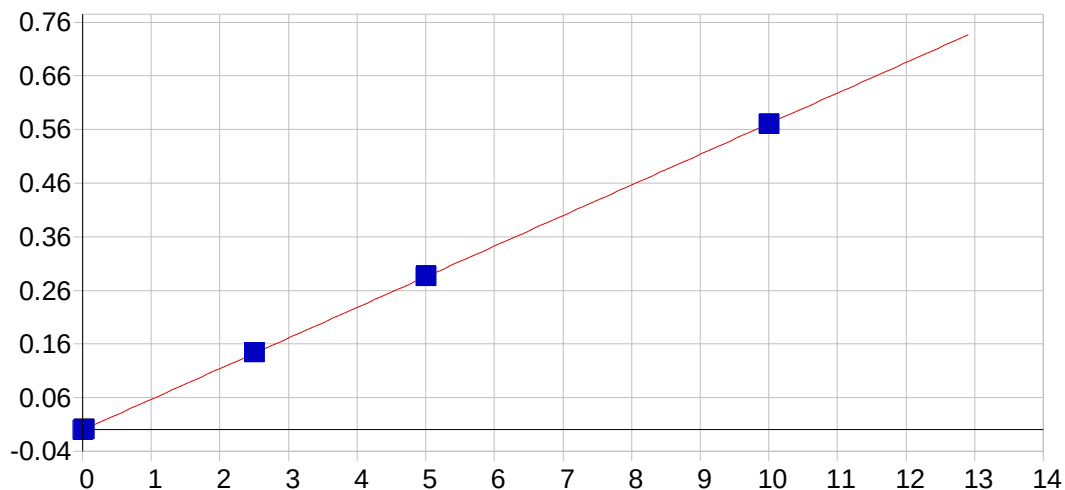


Pb 220.353 {453}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002584 Re-Slope: 1.000000
 A1 (Gain): 0.250057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.001013
 Predicted MQL: 0.003377

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00258	.000	1
S1	.01200	.01237	.000	3.05	.00562	.000	1
S3	2.5000	2.4548	-.045	-1.81	.61555	.002	1
S4	5.0000	4.9497	-.050	-1.01	1.2386	.002	1
S5	10.000	10.095	.095	.952	2.5235	.002	1



Se 196.090 {472}

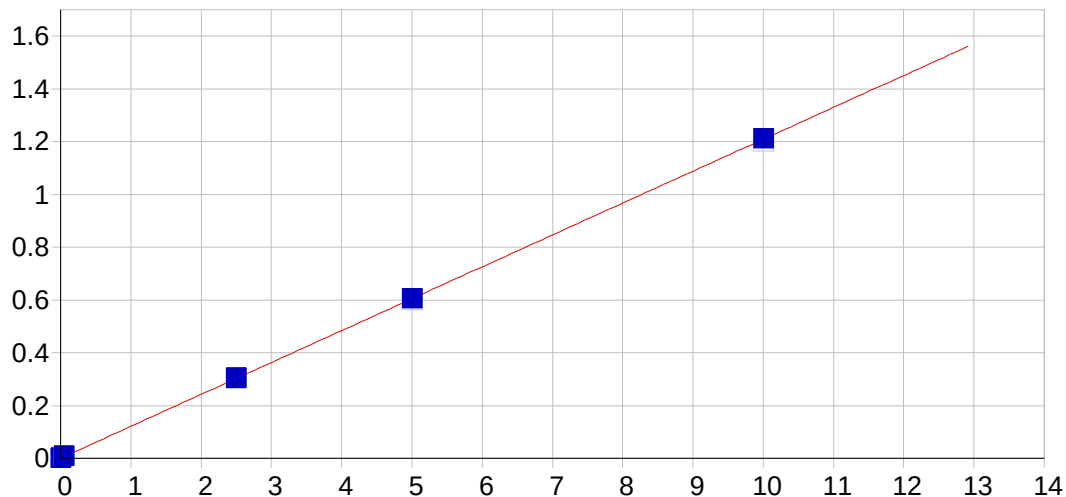
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.057084 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000006
 Predicted MDL: 0.003115
 Predicted MQL: 0.010383

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.02000	.01916	-.001	-4.20	.00101	.000	1
S3	2.5000	2.5238	.024	.951	.14396	.000	1
S4	5.0000	4.9987	-.001	-.026	.28523	.001	1
S5	10.000	9.9783	-.022	-.217	.56945	.000	1



Sb 206.833 {463}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

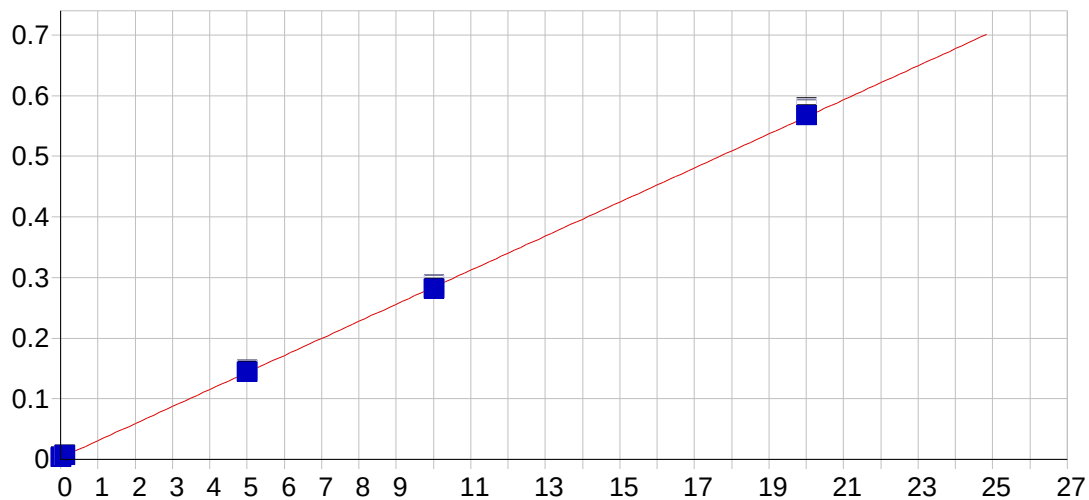
Weighting: 1/Conc

A0 (Offset): 0.000447
 A1 (Gain): 0.120831
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000021
 Predicted MDL: 0.001799
 Predicted MQL: 0.005996

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	.00045	.000	1
S1	.05000	.05390	.004	7.79	.00681	.000	1
S3	2.5000	2.4964	-.004	-.144	.29869	.000	1
S4	5.0000	4.9863	-.014	-.274	.59616	.000	1
S5	10.000	10.013	.013	.134	1.1968	.001	1

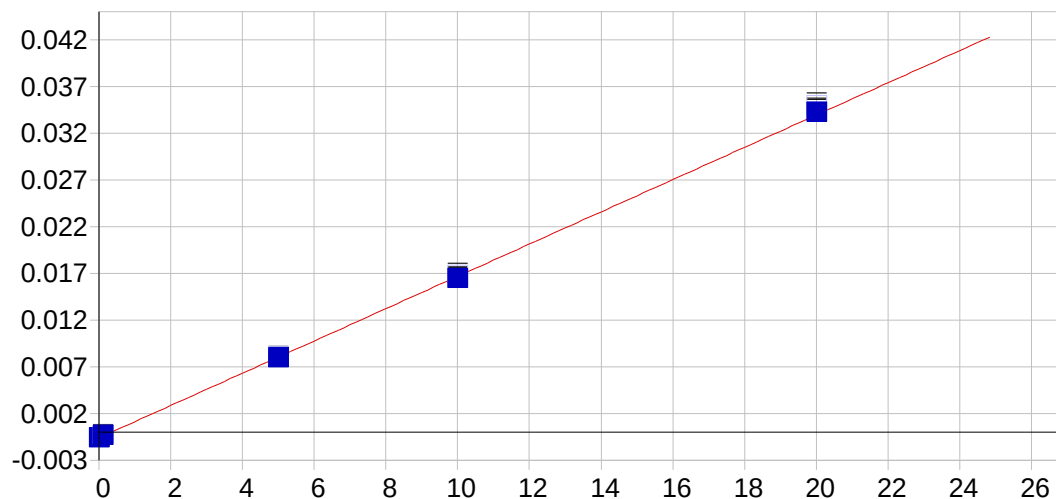


AI 308.215 {109}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002792 Re-Slope: 1.000000
 A1 (Gain): 0.028111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003342
 Predicted MQL: 0.011139

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00279	.000	1
S1	.10000	.11218	.012	12.2	.00614	.000	1
S3	5.0000	5.0250	.025	.499	.14685	.000	1
S4	10.000	9.9065	-.094	-.935	.28687	.000	1
S5	20.000	20.056	.056	.279	.57778	.001	1



AI 309.271 {109}

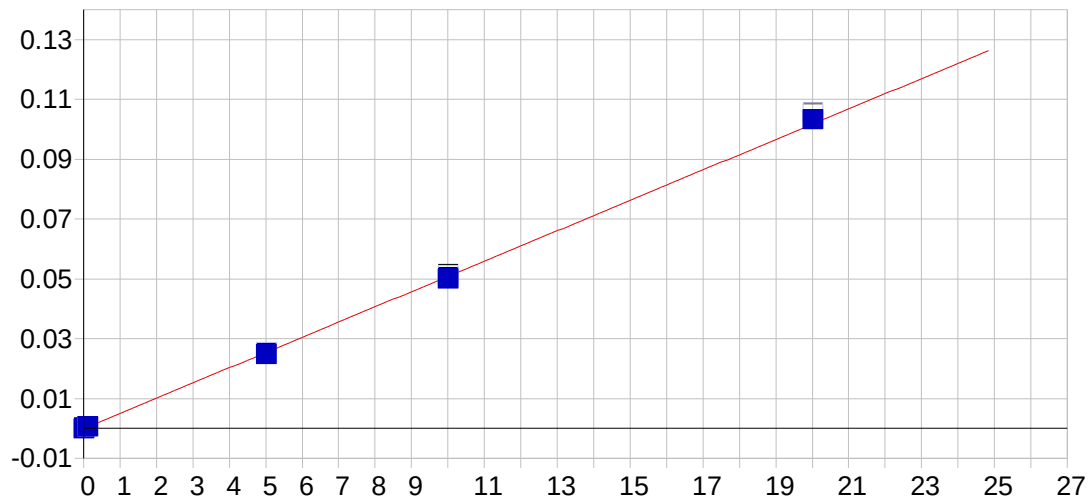
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000587 Re-Slope: 1.000000
 A1 (Gain): 0.001726 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683
 Std Error of Est: 0.000003
 Predicted MDL: 0.035138
 Predicted MQL: 0.117125

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00059	.000	1
S1	.10000	.14316	.043	43.2	-.00033	.000	1
S3	5.0000	4.9377	-.062	-1.25	.00811	.000	1
S4	10.000	9.8486	-.151	-1.51	.01676	.000	1
S5	20.000	20.168	.168	.842	.03491	.000	1



AI 396.152 { 85}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

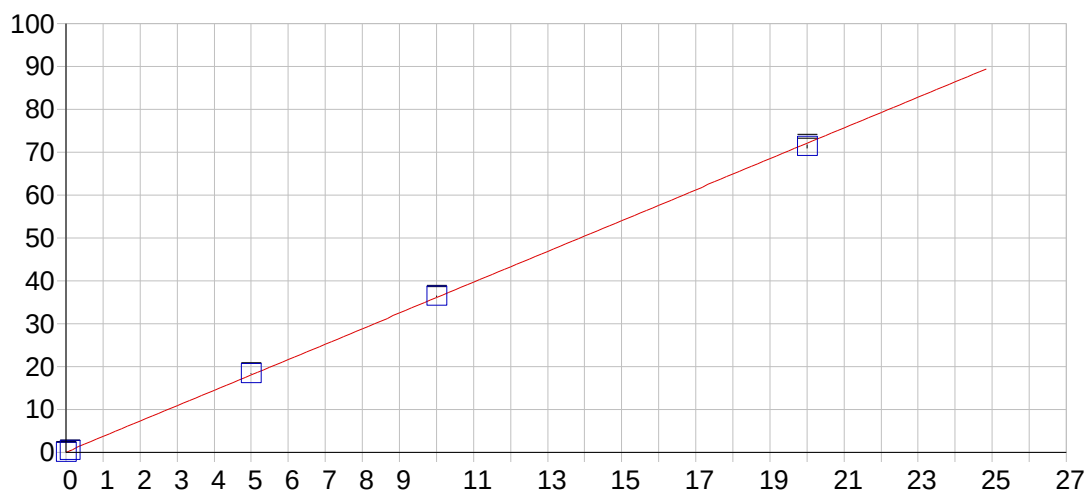
Weighting: 1/Conc

A0 (Offset): -0.000074
 A1 (Gain): 0.005088
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000007
 Predicted MDL: 0.016871
 Predicted MQL: 0.056238

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	-.00007	.000	1
S1	.10000	.10732	.007	7.32	.00051	.000	1
S3	5.0000	4.8735	-.126	-2.53	.02523	.000	1
S4	10.000	9.8149	-.185	-1.85	.05088	.000	1
S5	20.000	20.304	.304	1.52	.10527	.000	1

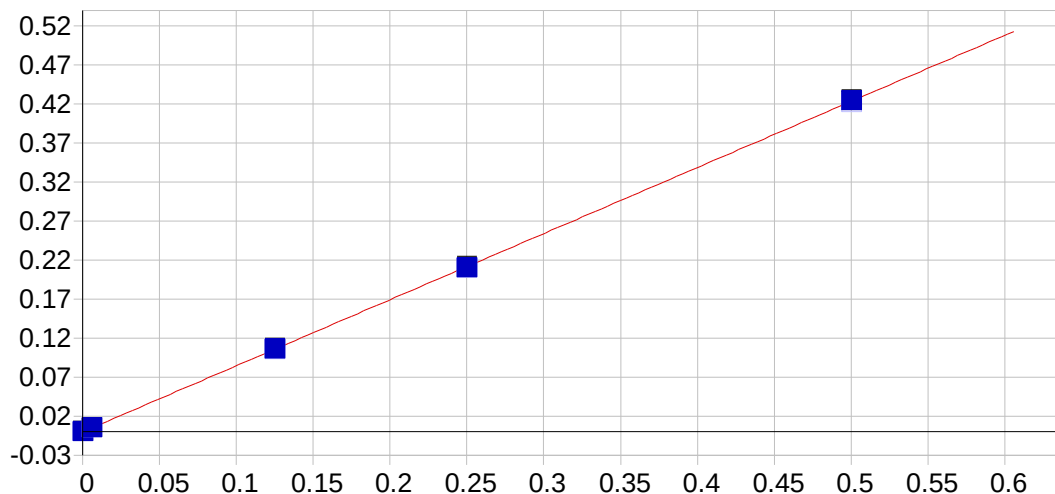


Ba 493.409 { 68}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.071181 Re-Slope: 1.000000
 A1 (Gain): 3.599607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.003621
 Predicted MDL: 0.000891
 Predicted MQL: 0.002971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07114	.004	1
S1	.10000	.11106	.011	11.1	.47094	.000	1
S3	5.0000	5.0897	.090	1.79	18.392	.043	1
S5	20.000	19.794	-.206	-1.03	71.320	.431	1
S4	10.000	10.106	.106	1.06	36.447	.179	1



Be 234.861 {144}

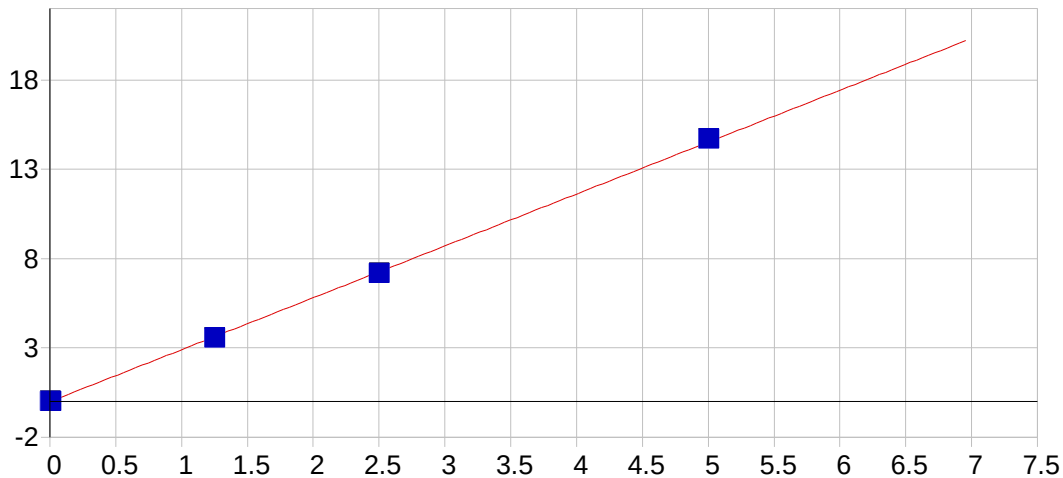
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.847164 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000012
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00617	.000	2.91	.00517	.000	1
S3	.12500	.12550	.001	.403	.10564	.001	1
S4	.25000	.24839	-.002	-.643	.20908	.001	1
S5	.50000	.50093	.001	.186	.42169	.001	1



Cd 226.502 {449}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

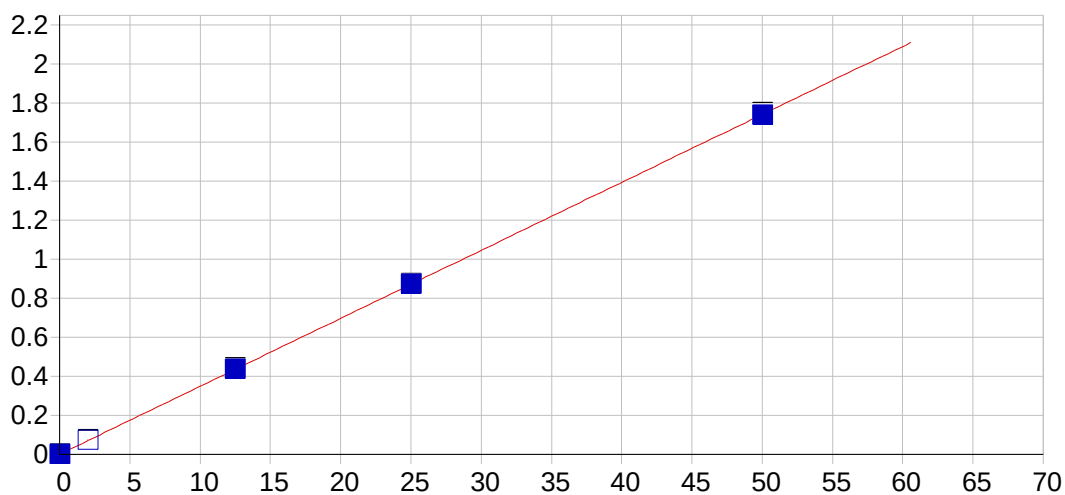
Weighting: 1/Conc

A0 (Offset): -0.000834
 A1 (Gain): 2.904443
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000371
 Predicted MDL: 0.000092
 Predicted MQL: 0.000307

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	-.00083	.000	1
S1	.00600	.00571	-.000	-4.80	.01579	.000	1
S3	1.2500	1.2211	-.029	-2.32	3.5465	.004	1
S4	2.5000	2.4724	-.028	-1.10	7.1817	.002	1
S5	5.0000	5.0568	.057	1.14	14.690	.005	1

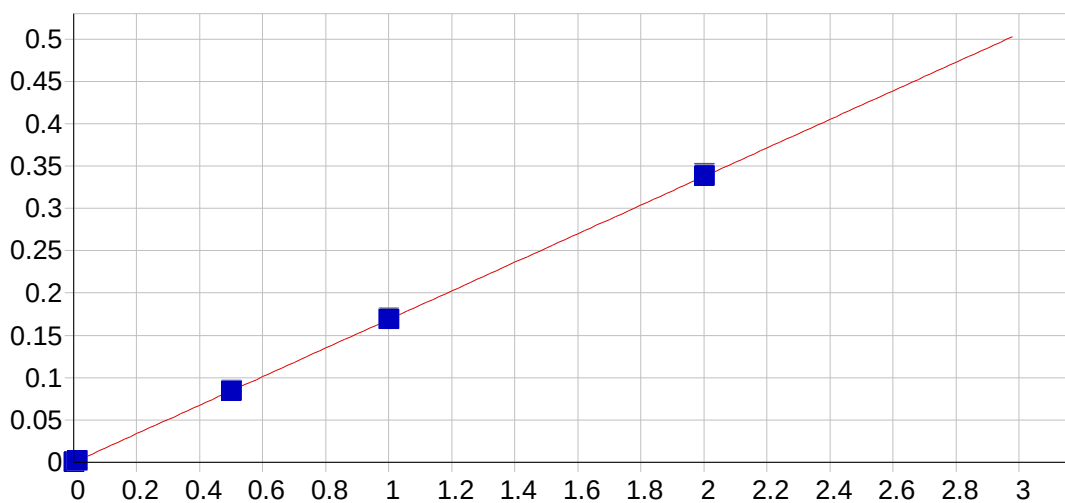


Ca 373.690 { 90}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000527 Re-Slope: 1.000000
 A1 (Gain): 0.034834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.023349
 Predicted MQL: 0.077830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1017	.102	5.08	.07374	.001	1
S0	.00000	-.00010	-.000	.000	.00052	.000	1
S3	12.500	12.540	.040	.317	.43757	.004	1
S4	25.000	25.015	.015	.058	.87235	.002	1
S5	50.000	49.844	-.156	-.311	1.7377	.013	1



Cr 267.716 {126}

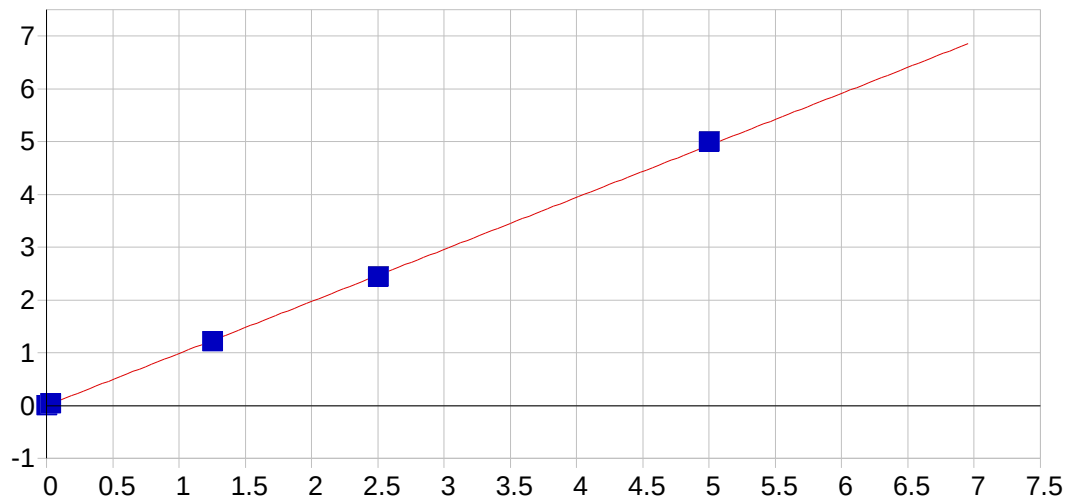
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.168773 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000004
 Predicted MDL: 0.000458
 Predicted MQL: 0.001528

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01045	.000	4.51	.00178	.000	1
S3	.50000	.49804	-.002	-.392	.08470	.000	1
S4	1.0000	.99839	-.002	-.161	.16977	.000	1
S5	2.0000	2.0031	.003	.156	.34060	.000	1

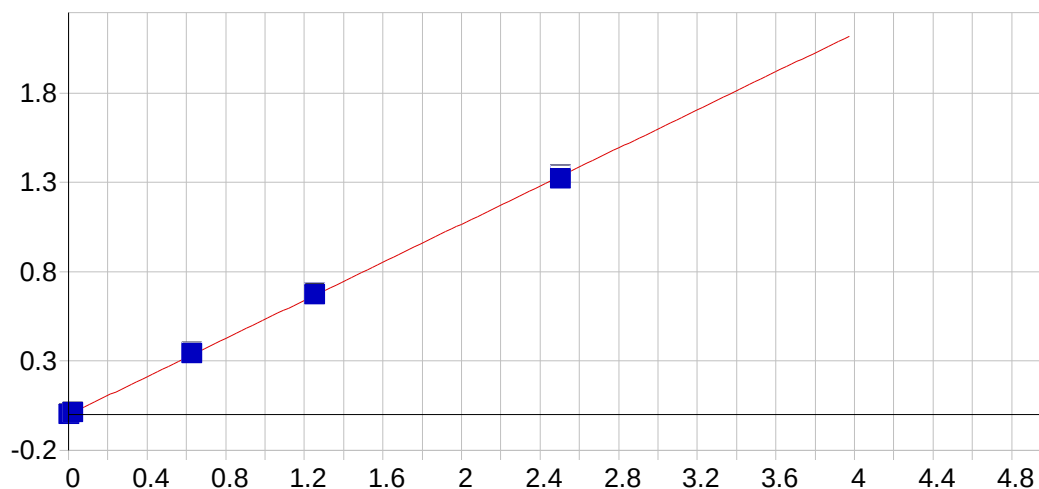


Co 228.616 {447}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000211 Re-Slope: 1.000000
 A1 (Gain): 0.985854 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000314
 Predicted MDL: 0.000246
 Predicted MQL: 0.000820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.03000	.03244	.002	8.12	.03157	.000	1
S3	1.2500	1.2209	-.029	-2.33	1.2044	.002	1
S4	2.5000	2.4669	-.033	-1.32	2.4337	.001	1
S5	5.0000	5.0598	.060	1.20	4.9919	.002	1

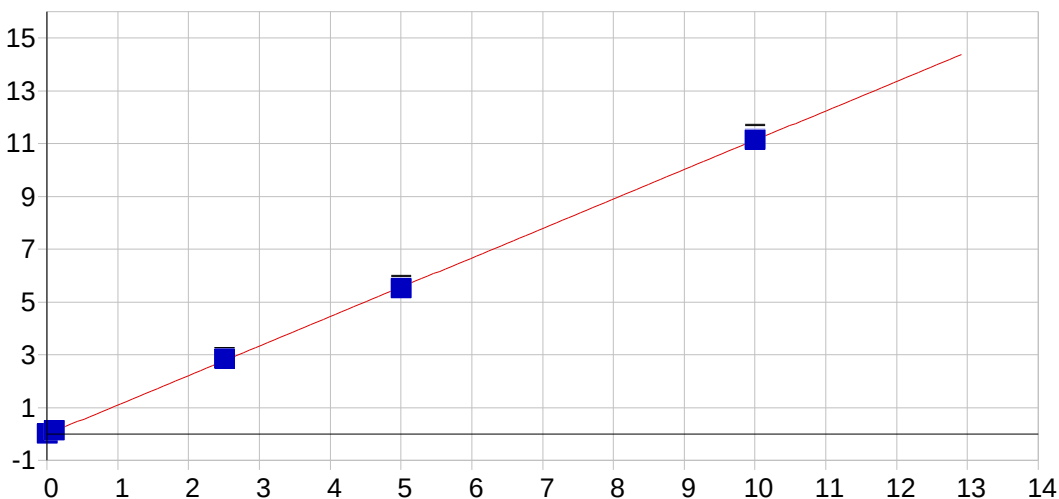


Cu 224.700 {450}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.533187 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000544
 Predicted MQL: 0.001814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02176	.002	8.81	.01149	.000	1
S3	.62500	.64256	.018	2.81	.34771	.001	1
S4	1.2500	1.2556	.006	.449	.67997	.002	1
S5	2.5000	2.4751	-.025	-.997	1.3409	.001	1



Fe 240.488 {140}

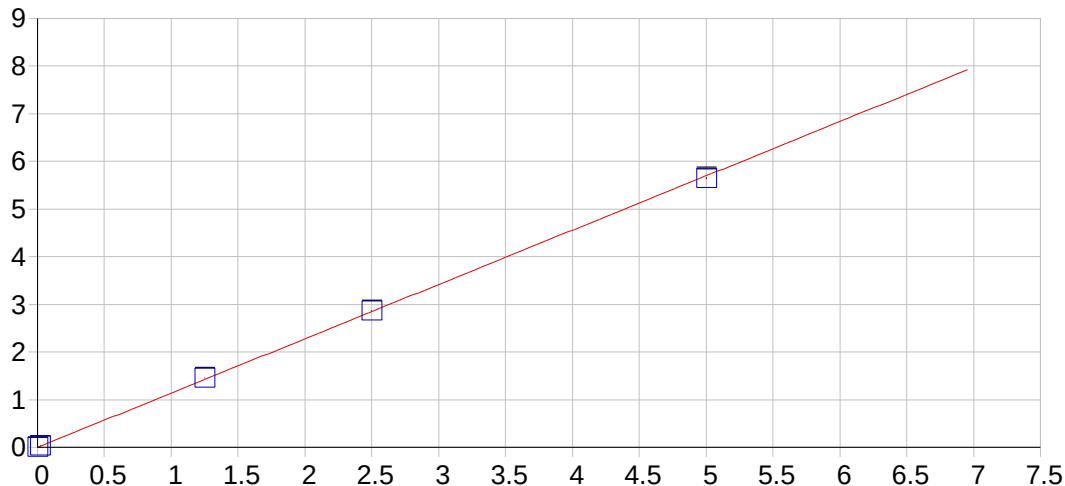
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.015359 Re-Slope: 1.000000
 A1 (Gain): 1.114453 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000701
 Predicted MDL: 0.010444
 Predicted MQL: 0.034815

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01537	.006	1
S1	.10000	.11073	.011	10.7	.10858	.012	1
S3	2.5000	2.5440	.044	1.76	2.8338	.050	1
S4	5.0000	4.9531	-.047	-.939	5.5326	.076	1
S5	10.000	9.9922	-.008	-.078	11.177	.176	1



Mn 257.610 {131}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

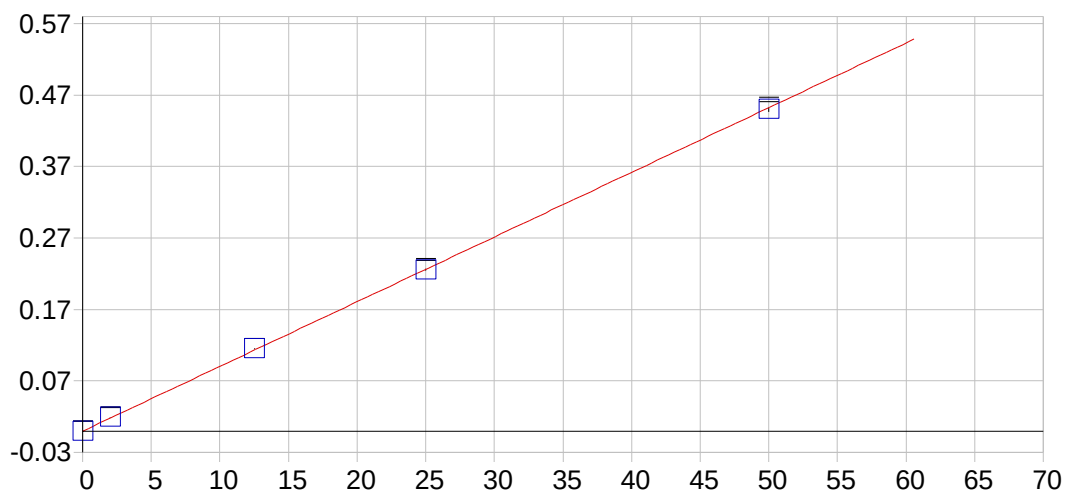
Weighting: 1/Conc

A0 (Offset): 0.000079
 A1 (Gain): 1.139560
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000252
 Predicted MDL: 0.000066
 Predicted MQL: 0.000220

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.02000	.02264	.003	13.2	.02588	.000	1
S3	1.2500	1.2778	.028	2.22	1.4562	.003	1
S4	2.5000	2.5148	.015	.592	2.8658	.007	1
S5	5.0000	4.9548	-.045	-.905	5.6463	.017	1

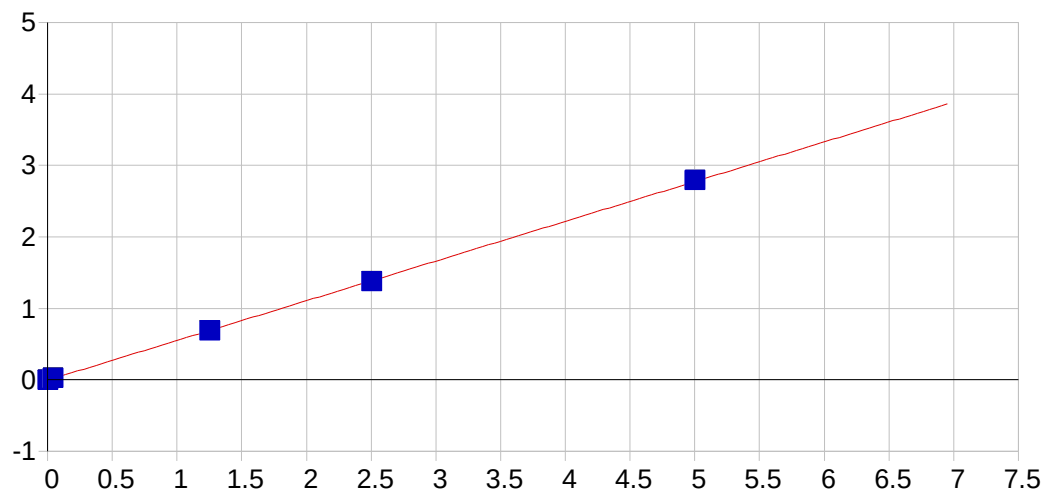


Mg 279.079 {121}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.009053 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.047132
 Predicted MQL: 0.157107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1498	.150	7.49	.01924	.000	1
S0	.00000	-.00017	-.000	.000	-.00022	.000	1
S3	12.500	12.705	.205	1.64	.11480	.000	1
S4	25.000	24.940	-.060	-.242	.22557	.001	1
S5	50.000	49.706	-.294	-.588	.44979	.003	1



Ni 231.604 {445}

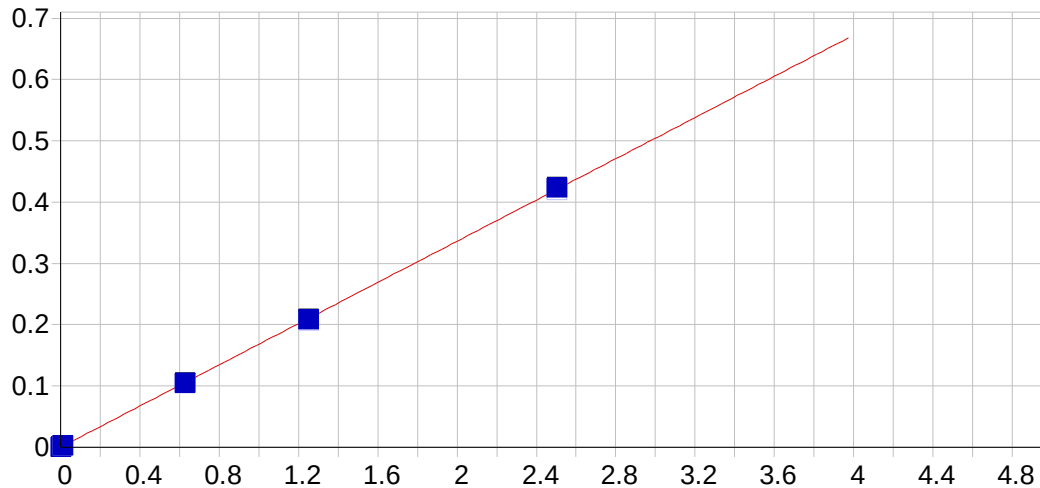
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005096 Re-Slope: 1.000000
 A1 (Gain): 0.555736 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000130
 Predicted MDL: 0.000459
 Predicted MQL: 0.001532

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00510	.000	1
S1	.04000	.04343	.003	8.58	.01905	.000	1
S3	1.2500	1.2379	-.012	-.967	.68362	.001	1
S4	2.5000	2.4770	-.023	-.920	1.3730	.001	1
S5	5.0000	5.0316	.032	.633	2.7942	.000	1



Ag 328.068 {103}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

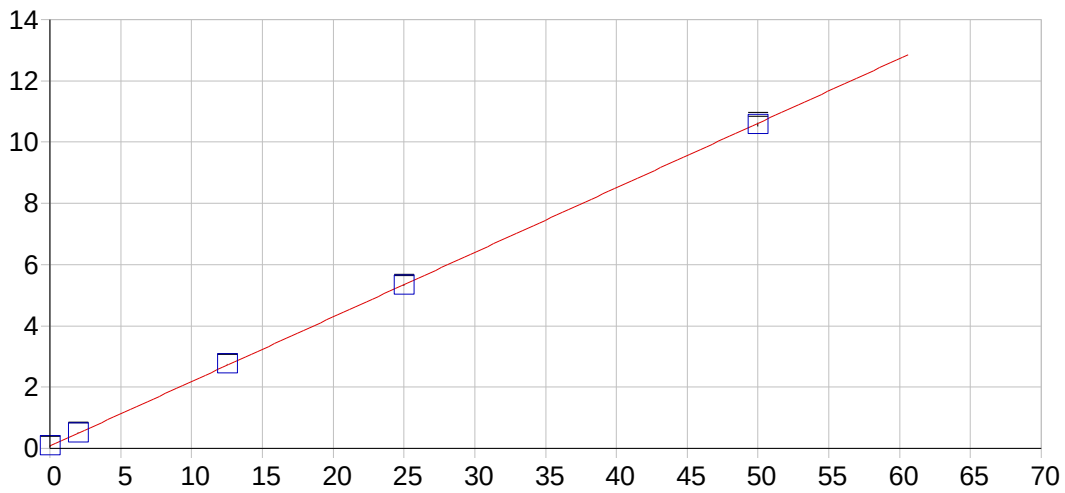
Weighting: 1/Conc

A0 (Offset): 0.000125
 A1 (Gain): 0.168078
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000012
 Predicted MDL: 0.000672
 Predicted MQL: 0.002240

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	.00012	.000	1
S1	.01000	.01022	.000	2.18	.00181	.000	1
S3	.62500	.61854	-.006	-1.03	.10290	.000	1
S4	1.2500	1.2385	-.011	-.918	.20591	.000	1
S5	2.5000	2.5177	.018	.708	.41853	.000	1

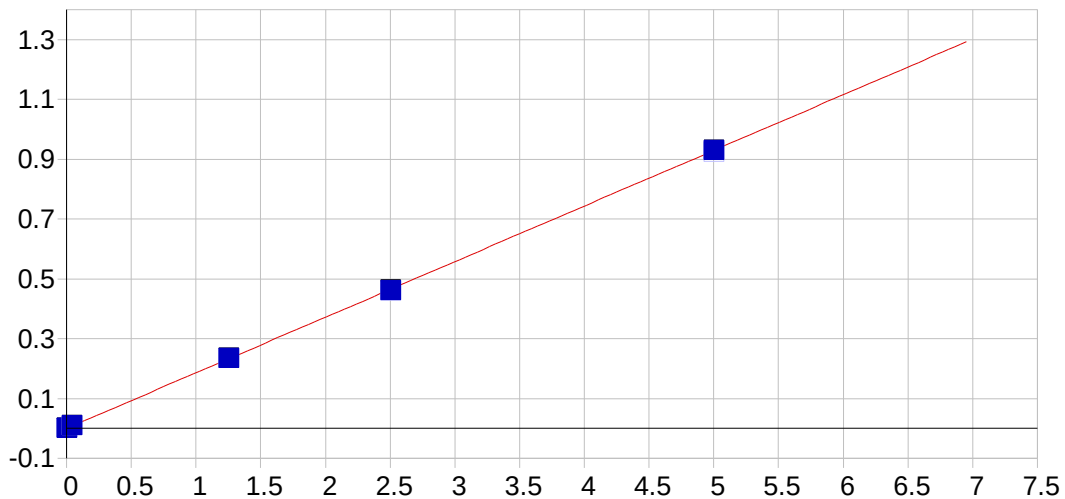


Na 589.592 { 57}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.073241 Re-Slope: 1.000000
 A1 (Gain): 0.210887 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000916
 Predicted MDL: 0.012940
 Predicted MQL: 0.043133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0617	.062	3.08	.50802	.005	1
S0	.00000	-.00008	-.000	.000	.07322	.000	1
S3	12.500	12.690	.190	1.52	2.7494	.011	1
S4	25.000	24.938	-.062	-.250	5.3322	.014	1
S5	50.000	49.811	-.189	-.378	10.578	.060	1



V 292.402 {115}

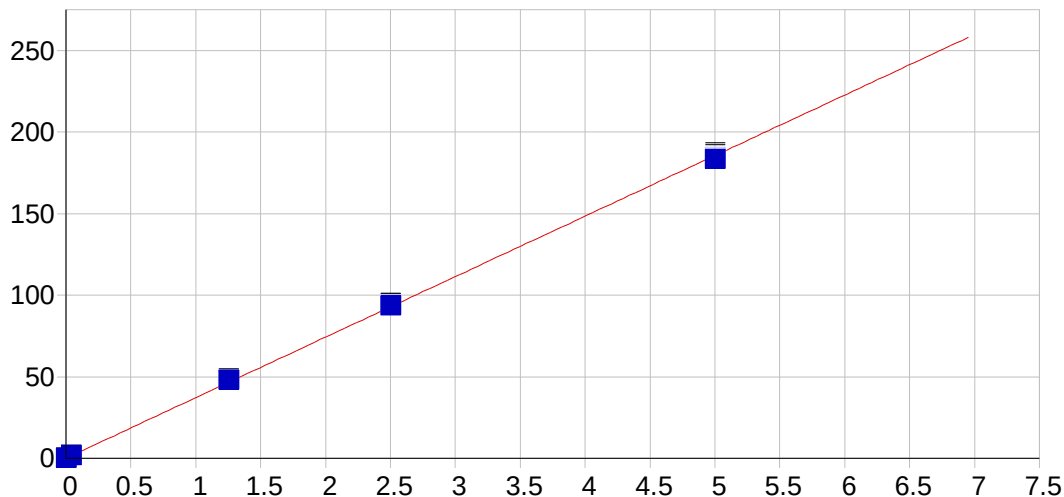
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.185924 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000052
 Predicted MDL: 0.000528
 Predicted MQL: 0.001760

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04614	.006	15.4	.00837	.000	1
S3	1.2500	1.2620	.012	.962	.23303	.000	1
S4	2.5000	2.4832	-.017	-.670	.45856	.000	1
S5	5.0000	4.9986	-.001	-.027	.92320	.000	1



Zn 206.200 {163}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

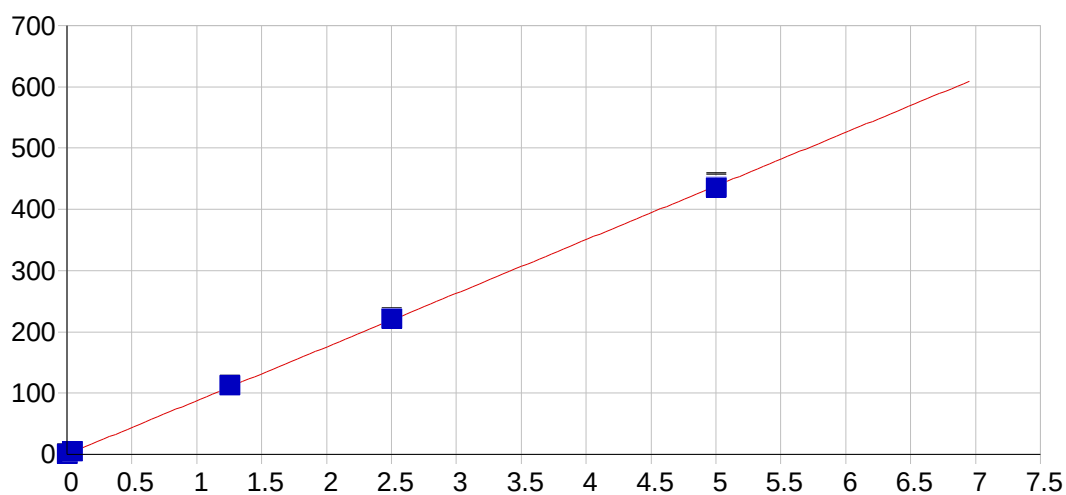
Weighting: 1/Conc

A0 (Offset): 0.069532
 A1 (Gain): 37.099820
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829
 Std Error of Est: 0.016699
 Predicted MDL: 0.000443
 Predicted MQL: 0.001478

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	.06929	.003	1
S1	.04000	.04556	.006	13.9	1.7696	.039	1
S3	1.2500	1.2913	.041	3.30	48.255	.286	1
S4	2.5000	2.5164	.016	.655	93.987	.992	1
S5	5.0000	4.9368	-.063	-1.26	184.35	2.59	1

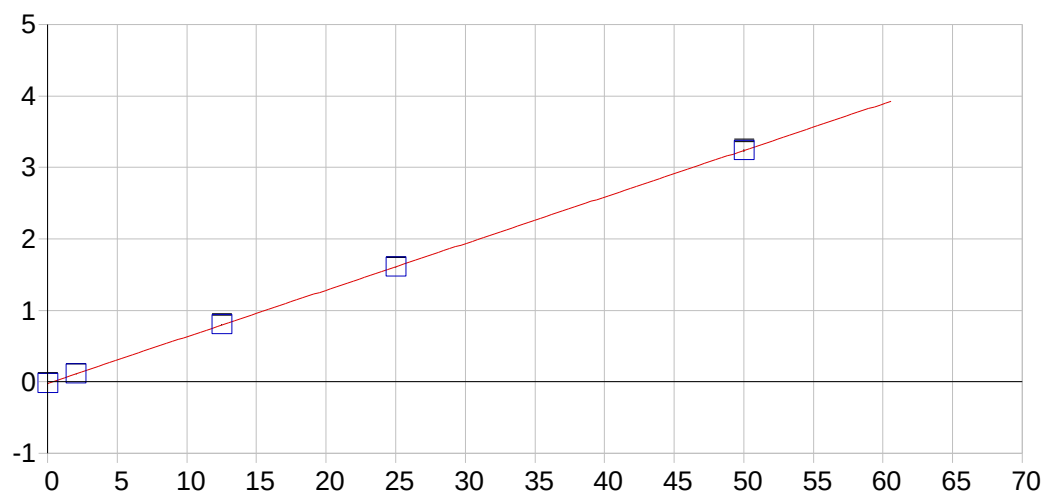


Zn 213.856 {458}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.144615 Re-Slope: 1.000000
 A1 (Gain): 87.591464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.027906
 Predicted MDL: 0.000095
 Predicted MQL: 0.000318

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.14411	.014	1
S1	.04000	.04512	.005	12.8	4.1194	.061	1
S3	1.2500	1.2744	.024	1.95	112.43	.436	1
S4	2.5000	2.5116	.012	.465	221.47	.901	1
S5	5.0000	4.9589	-.041	-.823	437.15	5.92	1



K 766.490 {44}

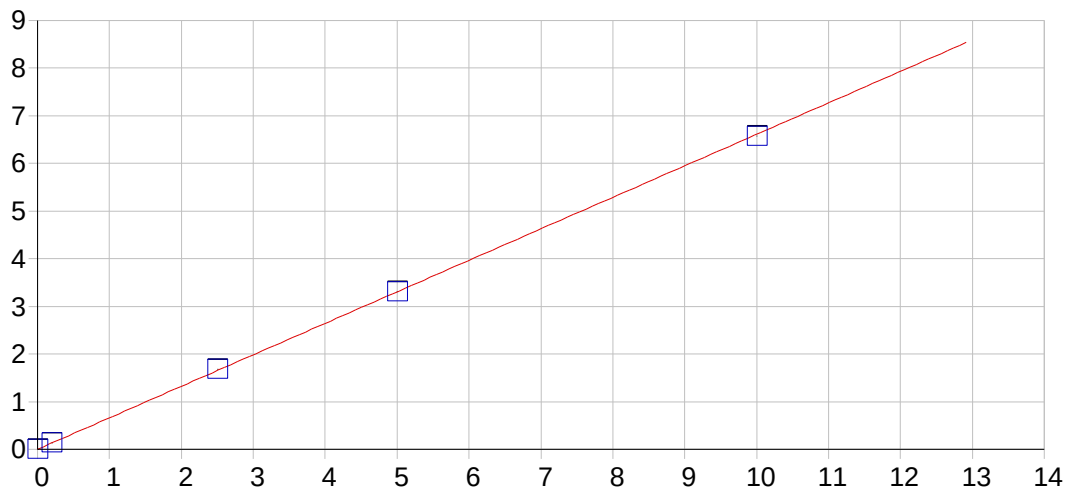
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019635 Re-Slope: 1.000000
 A1 (Gain): 0.065156 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000140
 Predicted MDL: 0.045890
 Predicted MQL: 0.152968

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0347	.035	1.74	.11294	.001	1
S0	.00000	-.00004	-.000	.000	-.01964	.000	1
S3	12.500	12.575	.075	.600	.79971	.006	1
S4	25.000	24.910	-.090	-.360	1.6034	.002	1
S5	50.000	49.980	-.020	-.040	3.2369	.020	1



Mo 202.030 {467}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

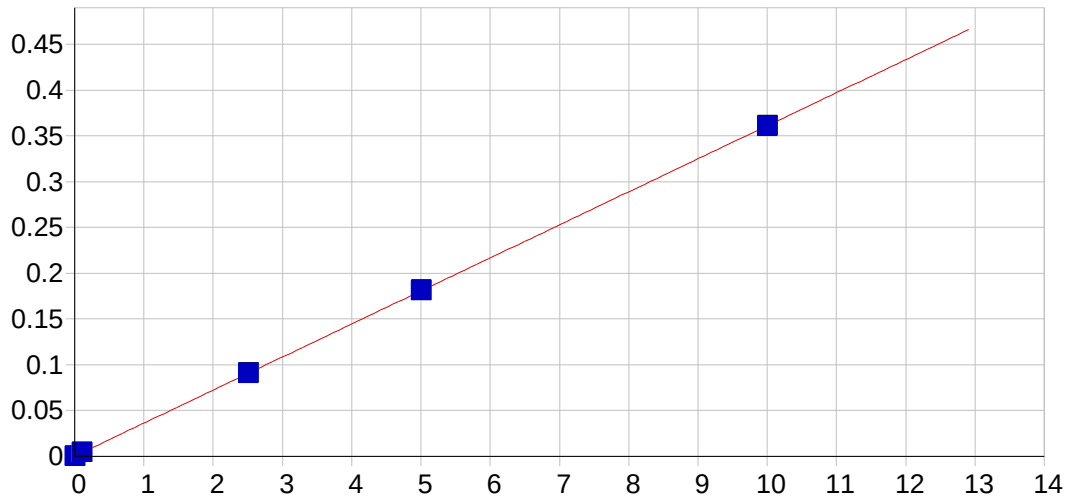
Weighting: 1/Conc

A0 (Offset): 0.000373
 A1 (Gain): 0.661073
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000468
 Predicted MDL: 0.000299
 Predicted MQL: 0.000997

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	.00037	.000	1
S1	.20000	.21029	.010	5.15	.13939	.000	1
S3	2.5000	2.5399	.040	1.60	1.6794	.004	1
S4	5.0000	5.0071	.007	.143	3.3105	.001	1
S5	10.000	9.9427	-.057	-.573	6.5732	.004	1

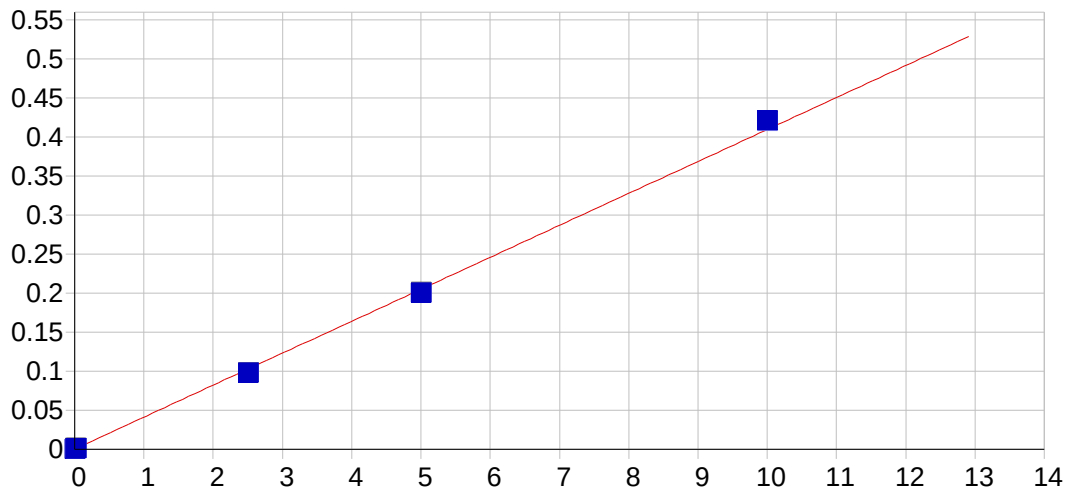


B 249.678 {135}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.036086 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.010025
 Predicted MQL: 0.033417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.10000	.10373	.004	3.73	.00399	.000	1
S3	2.5000	2.5049	.005	.194	.09044	.000	1
S4	5.0000	5.0010	.001	.019	.18031	.001	1
S5	10.000	9.9904	-.010	-.096	.35993	.001	1



S 182.034 {485}

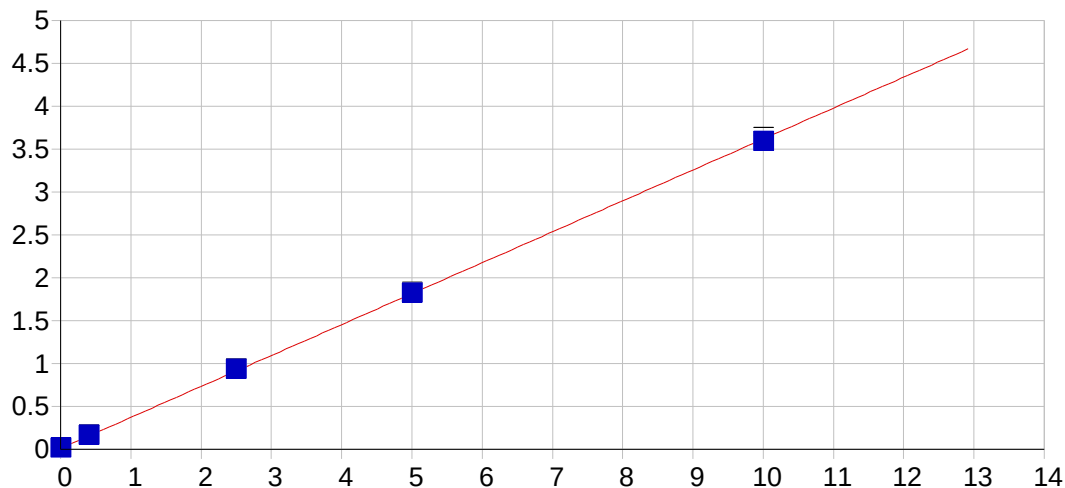
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.040941 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999447
 Std Error of Est: 0.000033
 Predicted MDL: 0.003194
 Predicted MQL: 0.010646

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00033	.000	1
S1	.02000	.01222	-.008	-38.9	.00080	.000	1
S3	2.5000	2.3687	-.131	-5.25	.09719	.001	1
S4	5.0000	4.8815	-.119	-2.37	.19995	.000	1
S5	10.000	10.257	.257	2.57	.41981	.000	1



Si 288.158 {117}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

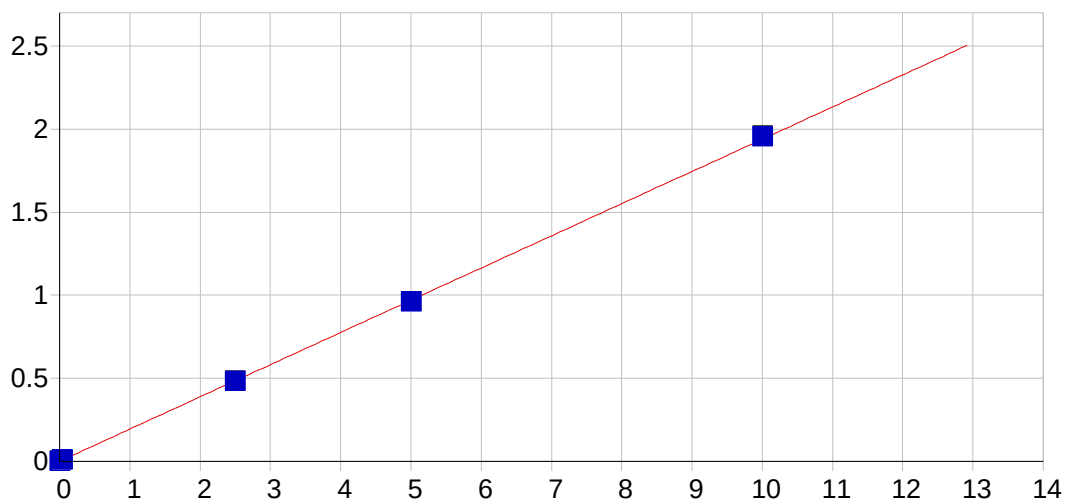
Weighting: 1/Conc

A0 (Offset): 0.011997
 A1 (Gain): 0.360596
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000475
 Predicted MDL: 0.002962
 Predicted MQL: 0.009872

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01199	.001	1
S1	.40000	.41606	.016	4.02	.16191	.001	1
S3	2.5000	2.5560	.056	2.24	.93319	.002	1
S4	5.0000	5.0106	.011	.211	1.8178	.009	1
S5	10.000	9.9174	-.083	-.826	3.5863	.046	1

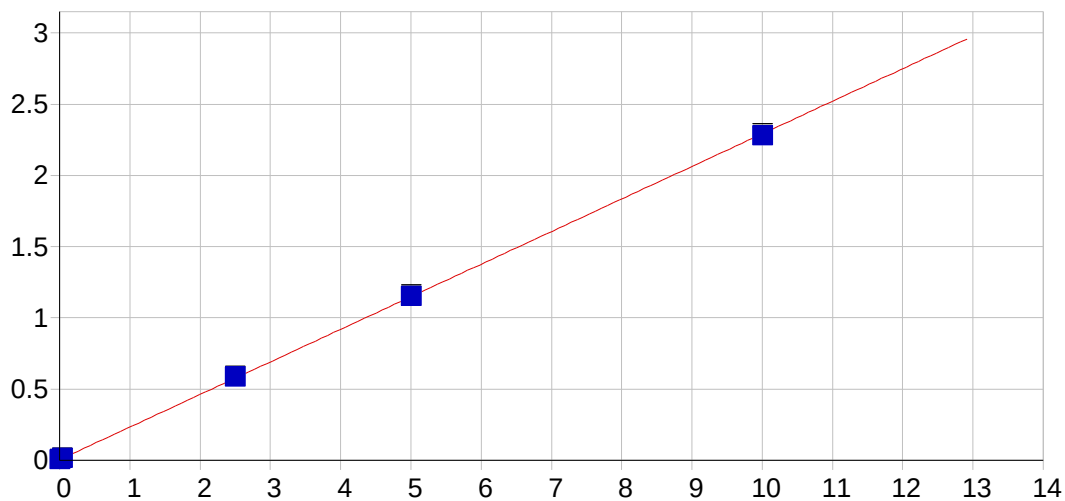


Sn 189.989 {477}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000937 Re-Slope: 1.000000
 A1 (Gain): 0.193765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000695
 Predicted MQL: 0.002317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00094	.000	1
S1	.04000	.04088	.001	2.21	.00886	.000	1
S3	2.5000	2.4701	-.030	-1.19	.47965	.000	1
S4	5.0000	4.9529	-.047	-.941	.96082	.000	1
S5	10.000	10.076	.076	.760	1.9537	.002	1



Ti 336.121 {100}

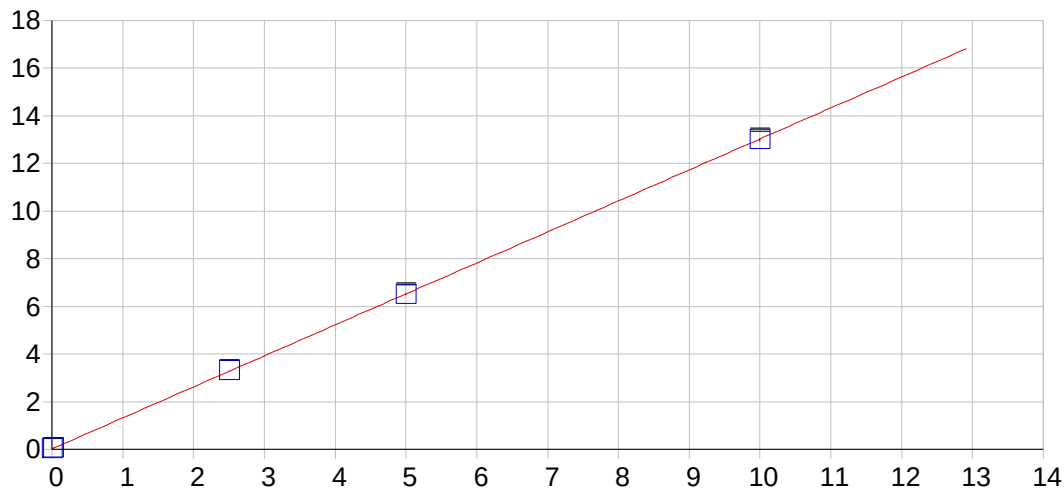
Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004698 Re-Slope: 1.000000
 A1 (Gain): 0.228740 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000075
 Predicted MDL: 0.002638
 Predicted MQL: 0.008792

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00470	.000	1
S1	.04000	.04503	.005	12.6	.01499	.001	1
S3	2.5000	2.5372	.037	1.49	.58499	.002	1
S4	5.0000	5.0171	.017	.342	1.1522	.007	1
S5	10.000	9.9407	-.059	-.593	2.2782	.012	1



Li 670.784 { 50}

Date of Fit: 12/6/2018 11:23:14

Type of Fit: Linear

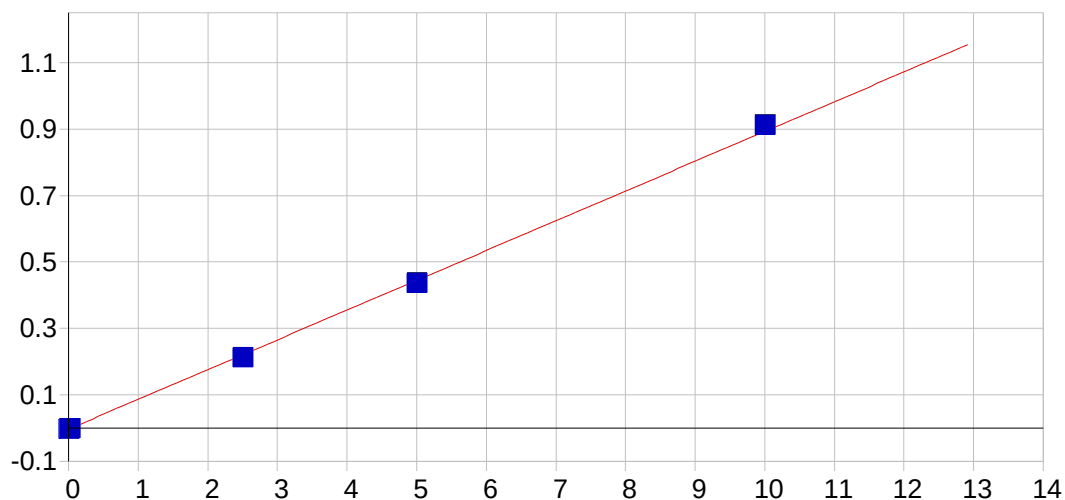
Weighting: 1/Conc

A0 (Offset): 0.019062
 A1 (Gain): 1.300951
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000255
 Predicted MDL: 0.002191
 Predicted MQL: 0.007302

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	.01906	.002	1
S1	.02000	.02380	.004	19.0	.05002	.000	1
S3	2.5000	2.5297	.030	1.19	3.3101	.019	1
S4	5.0000	4.9904	-.010	-.192	6.5113	.034	1
S5	10.000	9.9761	-.024	-.239	12.997	.069	1

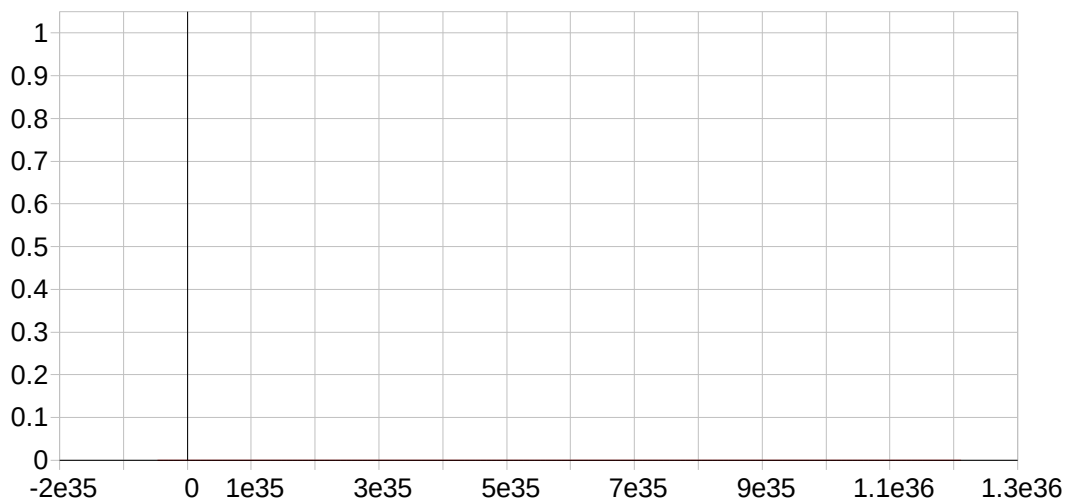


P 177.495 {490}

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002994 Re-Slope: 1.000000
 A1 (Gain): 0.089573 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001531
 Predicted MQL: 0.005104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00299	.000	1
S1	.02000	.01702	-.003	-14.9	-.00148	.000	1
S3	2.5000	2.3902	-.110	-4.39	.21078	.001	1
S4	5.0000	4.9020	-.098	-1.96	.43544	.001	1
S5	10.000	10.211	.211	2.11	.91032	.002	1



Y 224.306 {450}*

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

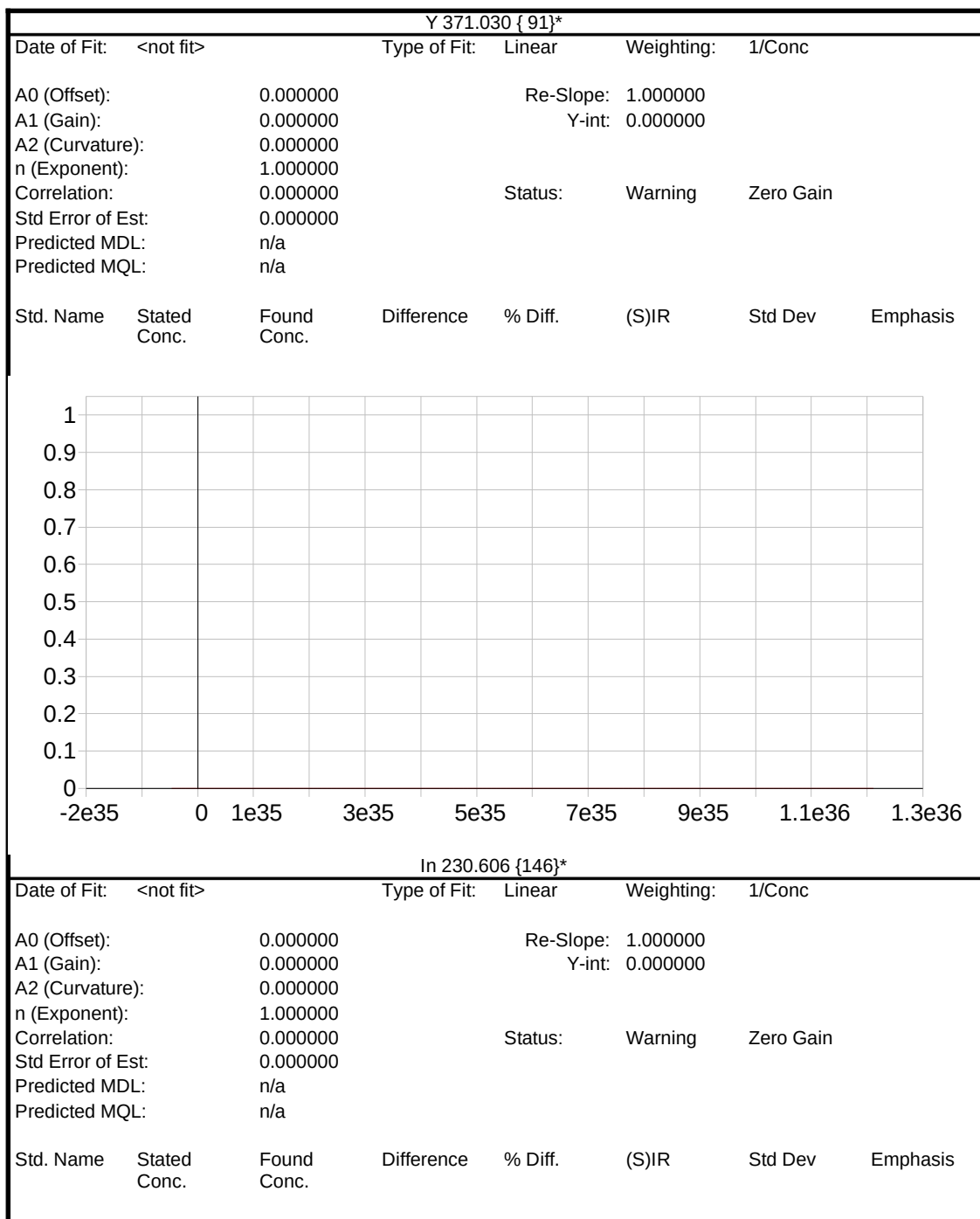
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

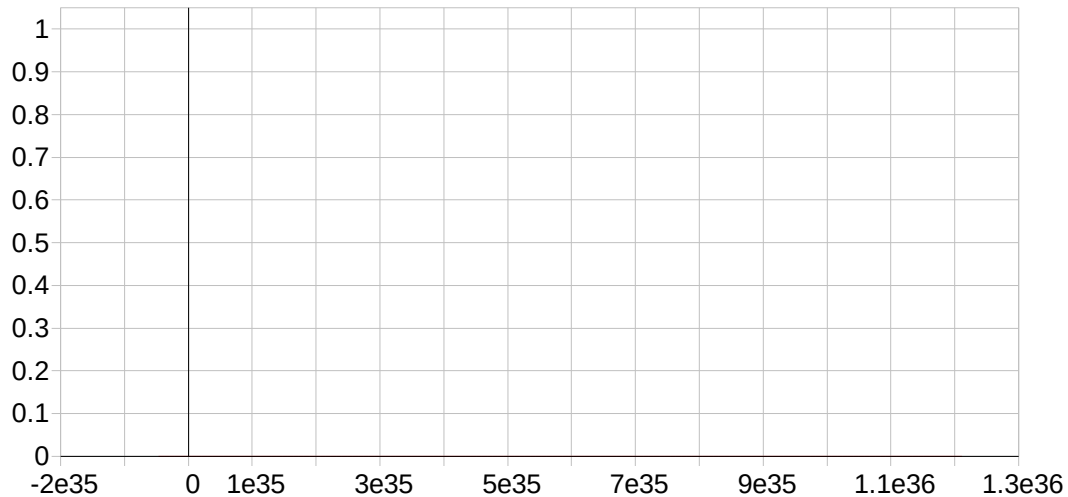
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

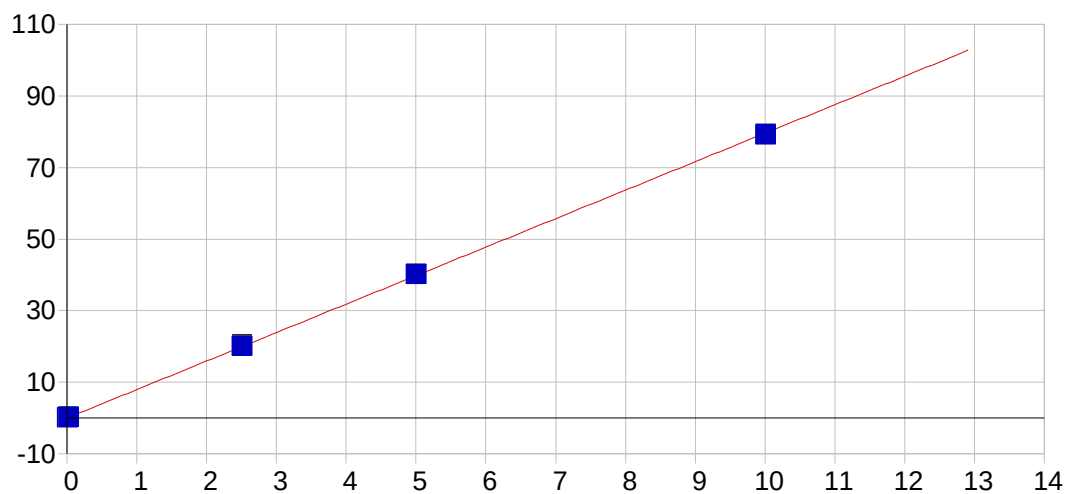




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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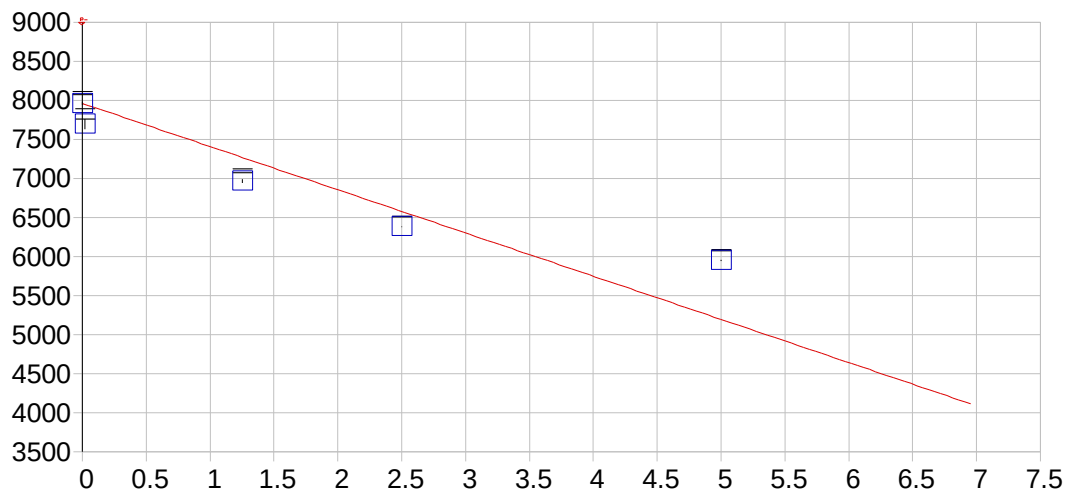


Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004228 Re-Slope: 1.000000
 A1 (Gain): 7.958640 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.001344
 Predicted MDL: 0.000139

Predicted MQL: 0.000464

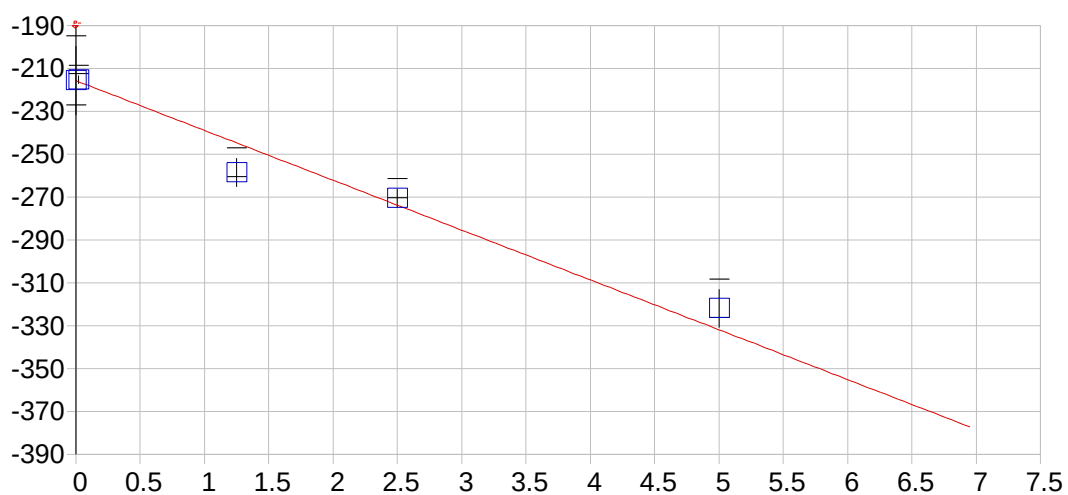
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00423	.001	1
S1	.02000	.02041	.000	2.03	.15906	.000	1
S3	2.5000	2.5262	.026	1.05	20.123	.200	1
S4	5.0000	5.0331	.033	.661	40.096	.009	1
S5	10.000	9.9404	-.060	-.596	79.195	.048	1



Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 7962.591126 Re-Slope: 1.000000
A1 (Gain): -553.383222 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.665109 Status: Warning Negative Gain
Std Error of Est: 10.617313
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	-.000	.000	7962.8	17.6	1
S1	.02000	.47558	.456	2280.	7699.4	64.7	1
S3	1.2500	1.8013	.551	44.1	6965.8	24.1	1
S4	2.5000	2.8572	.357	14.3	6381.5	1.49	1
S5	5.0000	3.6359	-1.36	-27.3	5950.5	8.32	1



U 385.958 { 87 }

Date of Fit: 12/6/2018 11:23:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -215.686149 Re-Slope: 1.000000

A1 (Gain): -23.234023 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.978088

Status: Warning Negative Gain

Std Error of Est: 0.084512

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-215.69	16.0	1
S1	.02000	-.01799	-.038	-190.	-215.27	2.03	1
S3	1.2500	1.8440	.594	47.5	-258.53	6.63	1
S4	2.5000	2.3666	-.133	-5.34	-270.67	4.41	1
S5	5.0000	4.5774	-.423	-8.45	-322.04	8.93	1

Sample Name: S0 Acquired: 12/6/2018 10:59:42 Type: Cal
Method: P4-ICP2(v2634) 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	-.00004	-.00051	.00258	-.00009	.00045	-.00007	.07114	-.00001
Stddev	.00006	.00012	.00002	.00003	.00010	.00013	.00432	.00002
%RSD	172.72	22.968	.64725	36.173	22.911	180.45	6.0743	158.57

#1	.00001	-.00043	.00257	-.00011	.00052	-.00017	.06808	.00000
#2	-.00008	-.00060	.00260	-.00006	.00037	.00002	.07419	-.00003

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	-.00083	.00052	.00001	-.00021	-.00028	-.01537	.00008	-.00022
Stddev	.00031	.00049	.00001	.00002	.00015	.00597	.00004	.00020
%RSD	37.439	94.449	79.492	8.9189	52.782	38.850	53.385	92.644

#1	-.00105	.00087	.00000	-.00023	-.00038	-.01959	.00005	-.00008
#2	-.00061	.00017	.00002	-.00020	-.00017	-.01115	.00010	-.00036

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	-.00510	.00012	.07322	-.00010	.14411	-.01964	.00037	.00027
Stddev	.00013	.00002	.00046	.00007	.01392	.00046	.00012	.00009
%RSD	2.5072	17.790	.63278	71.362	9.6621	2.3455	32.300	33.633

#1	-.00501	.00014	.07355	-.00005	.15396	-.01996	.00045	.00033
#2	-.00519	.00011	.07290	-.00015	.13426	-.01931	.00028	.00020

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	.00033	.01199	.00094	.00470	.01906	-.0030	-.00423	7962.8
Stddev	.00009	.00084	.00003	.00035	.00217	.0000	.00141	17.6
%RSD	28.594	6.9692	3.6902	7.4202	11.403	.6167	33.384	.22151

#1	.00039	.01140	.00096	.00494	.02059	-.0030	-.00523	7975.3
#2	.00026	.01258	.00091	.00445	.01752	-.0030	-.00323	7950.4

Sample Name: S0 Acquired: 12/6/2018 10:59:42 Type: Cal
Method: P4-ICP2(v2634) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-215.69
Stddev	15.99
%RSD	7.4152

#1	-204.38
#2	-227.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4881.2	65392.	4980.7	113.95	5259.1
Stddev	4.4	64.	15.1	.57	19.0
%RSD	.08962	.09739	.30317	.50159	.36050

#1	4884.3	65347.	4970.0	113.55	5272.5
#2	4878.1	65437.	4991.3	114.36	5245.7

Sample Name: S1 Acquired: 12/6/2018 11:03:45 Type: Cal
Method: P4-ICP2(v2634) 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	.00088	.00546	.00562	.00101	.00681	.00051	.47094	.00517
Stddev	.00003	.00006	.00004	.00007	.00008	.00005	.00013	.00002
%RSD	3.9015	1.1590	.64919	7.3591	1.2195	10.258	.02697	.40881

#1	.00085	.00541	.00565	.00106	.00687	.00054	.47085	.00518
#2	.00090	.00550	.00559	.00096	.00675	.00047	.47103	.00515

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	.01579	.00178	.03157	.01149	.10858	.02588	.01905	.00181
Stddev	.00021	.00003	.00025	.00019	.01213	.00002	.00030	.00009
%RSD	1.3226	1.9515	.78627	1.6484	11.171	.07155	1.5731	4.9027

#1	.01594	.00181	.03139	.01163	.11716	.02587	.01884	.00187
#2	.01564	.00176	.03174	.01136	.10001	.02590	.01927	.00175

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	.00837	4.1194	.13939	.00399	.00080	.16191	.00886	.01499
Stddev	.00002	.0608	.00021	.00012	.00006	.00077	.00001	.00065
%RSD	.20430	1.4761	.14775	3.1297	7.2150	.47357	.07195	4.3301

#1	.00835	4.0764	.13925	.00408	.00076	.16245	.00885	.01454
#2	.00838	4.1624	.13954	.00390	.00084	.16137	.00886	.01545

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05002	-.0015	.15906	7699.4	-215.27
Stddev	.00009	.0002	.00015	64.7	2.03
%RSD	.17997	14.30	.09636	.84036	.94502

#1	.05009	-.0013	.15916	7745.2	-216.71
#2	.04996	-.0016	.15895	7653.7	-213.83

Sample Name: S1 Acquired: 12/6/2018 11:03:45 Type: Cal
Method: P4-ICP2(v2634) 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	4859.3	64927.	4972.5	114.32	5165.7
Stddev	2.7	51.	45.3	1.28	5.3
%RSD	.05467	.07790	.91198	1.1237	.10211
#1	4861.2	64963.	4940.4	115.23	5169.5
#2	4857.4	64891.	5004.5	113.41	5162.0

Sample Name: S2 Acquired: 12/6/2018 11:07:48 Type: Cal
 Method: P4-ICP2(v2634) 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	.07374	.01924	.50802	.11294
Stddev	.00052	.00044	.00483	.00137
%RSD	.70794	2.2727	.95001	1.2132

#1	.07337	.01894	.50461	.11197
#2	.07411	.01955	.51143	.11391

Int. Std.	Y_3710
Units	Cts/S
Avg	4977.3
Stddev	2.7
%RSD	.05421

#1	4975.4
#2	4979.3

Sample Name: S3 Acquired: 12/6/2018 11:11:43 Type: Cal
Method: P4-ICP2(v2634) 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	.12194	.34852	.61555	.14396	.29869	.02523	18.392	.10564
Stddev	.00037	.00092	.00229	.00025	.00001	.00016	.043	.00067
%RSD	.30119	.26376	.37255	.17158	.00192	.63671	.23267	.63807

#1	.12219	.34917	.61718	.14414	.29870	.02512	18.362	.10517
#2	.12168	.34787	.61393	.14379	.29869	.02534	18.422	.10612

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	3.5465	.43757	.08470	1.2044	.34771	2.8338	1.4562	.11480
Stddev	.0040	.00442	.00014	.0015	.00133	.0496	.0025	.00005
%RSD	.11190	1.0095	.16900	.12491	.38324	1.7513	.17261	.04445

#1	3.5493	.43444	.08480	1.2054	.34866	2.7987	1.4544	.11476
#2	3.5437	.44069	.08459	1.2033	.34677	2.8689	1.4580	.11484

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	.68362	.10290	2.7494	.23303	112.43	.79971	1.6794	.09044
Stddev	.00118	.00004	.0110	.00027	.44	.00607	.0043	.00042
%RSD	.17327	.03831	.40089	.11621	.38747	.75862	.25722	.46345

#1	.68445	.10287	2.7416	.23322	112.13	.79542	1.6825	.09074
#2	.68278	.10292	2.7572	.23283	112.74	.80400	1.6764	.09015

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	.09719	.93319	.47965	.58499	3.3101	.2108	20.123	6965.8
Stddev	.00053	.00214	.00000	.00185	.0191	.0005	.200	24.1
%RSD	.54343	.22959	.00032	.31673	.57574	.2458	.99217	.34554

#1	.09756	.93168	.47965	.58368	3.2967	.2104	19.981	6948.7
#2	.09681	.93471	.47965	.58630	3.3236	.2111	20.264	6982.8

Sample Name: S3 Acquired: 12/6/2018 11:11:43 Type: Cal
 Method: P4-ICP2(v2634) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-258.53
Stddev	6.63
%RSD	2.5662

#1	-263.22
#2	-253.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4690.9	62202.	4878.6	109.03	4732.4
Stddev	20.9	63.	2.2	.18	21.2
%RSD	.44469	.10187	.04551	.16228	.44734

#1	4676.1	62157.	4880.2	109.15	4717.5
#2	4705.6	62247.	4877.0	108.90	4747.4

Sample Name: S4 Acquired: 12/6/2018 11:15:29 Type: Cal
Method: P4-ICP2(v2634) 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	.24457	.69426	1.2386	.28523	.59616	.05088	36.447	.20908
Stddev	.00035	.00219	.0017	.00145	.00046	.00043	.179	.00138
%RSD	.14215	.31493	.14045	.50747	.07693	.85113	.49080	.65789

#1	.24432	.69581	1.2398	.28625	.59648	.05057	36.574	.20811
#2	.24481	.69271	1.2373	.28420	.59583	.05119	36.321	.21006

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	7.1817	.87235	.16977	2.4337	.67997	5.5326	2.8658	.22557
Stddev	.0020	.00205	.00015	.0015	.00169	.0761	.0072	.00128
%RSD	.02736	.23512	.09089	.06050	.24844	1.3760	.25262	.56644

#1	7.1831	.87090	.16966	2.4348	.67878	5.4788	2.8607	.22647
#2	7.1804	.87380	.16988	2.4327	.68117	5.5864	2.8710	.22467

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	1.3730	.20591	5.3322	.45856	221.47	1.6034	3.3105	.18031
Stddev	.0008	.00020	.0143	.00049	.90	.0022	.0009	.00077
%RSD	.06081	.09923	.26890	.10657	.40678	.13413	.02762	.42486

#1	1.3736	.20606	5.3424	.45821	220.83	1.6049	3.3111	.17976
#2	1.3724	.20577	5.3221	.45891	222.10	1.6019	3.3098	.18085

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	.19995	1.8178	.96082	1.1522	6.5113	.4354	40.096	6381.5
Stddev	.00040	.0092	.00006	.0067	.0336	.0005	.009	1.5
%RSD	.20091	.50461	.00660	.58315	.51549	.1231	.02323	.02334

#1	.19967	1.8113	.96077	1.1569	6.5351	.4358	40.102	6382.5
#2	.20023	1.8243	.96086	1.1474	6.4876	.4351	40.089	6380.4

Sample Name: S4 Acquired: 12/6/2018 11:15:29 Type: Cal
 Method: P4-ICP2(v2634) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-270.67
Stddev	4.41
%RSD	1.6301

#1	-267.55
#2	-273.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4558.6	60199.	4777.5	106.95	4481.8
Stddev	2.2	102.	3.9	.39	4.9
%RSD	.04812	.16976	.08157	.36268	.10860

#1	4557.1	60127.	4774.8	107.22	4478.3
#2	4560.2	60271.	4780.3	106.68	4485.2

Sample Name: S5 Acquired: 12/6/2018 11:19:16 Type: Cal
Method: P4-ICP2(v2634) 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	.49511	1.3889	2.5235	.56945	1.1968	.10527	71.320	.42169
Stddev	.00035	.0027	.0024	.00018	.0007	.00005	.431	.00082
%RSD	.07108	.19170	.09720	.03101	.06205	.04585	.60385	.19515

#1	.49535	1.3908	2.5252	.56932	1.1973	.10530	71.625	.42111
#2	.49486	1.3870	2.5218	.56957	1.1963	.10523	71.016	.42227

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	14.690	1.7377	.34060	4.9919	1.3409	11.177	5.6463	.44979
Stddev	.005	.0132	.00022	.0017	.0006	.176	.0171	.00328
%RSD	.03077	.75901	.06572	.03495	.04646	1.5760	.30287	.72982

#1	14.693	1.7284	.34044	4.9931	1.3414	11.052	5.6342	.44747
#2	14.687	1.7471	.34076	4.9907	1.3405	11.301	5.6584	.45211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7942	.41853	10.578	.92320	437.15	3.2369	6.5732	.35993
Stddev	.0002	.00035	.060	.00021	5.92	.0199	.0035	.00062
%RSD	.00690	.08395	.56511	.02224	1.3535	.61597	.05359	.17363

#1	2.7943	.41878	10.535	.92305	432.96	3.2228	6.5757	.35949
#2	2.7941	.41828	10.620	.92334	441.33	3.2510	6.5707	.36037

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	.41981	3.5863	1.9537	2.2782	12.997	.9103	79.195	5950.5
Stddev	.00036	.0460	.0019	.0123	.069	.0019	.048	8.3
%RSD	.08648	1.2837	.09652	.54076	.53013	.2099	.06073	.13976

#1	.42007	3.5537	1.9550	2.2695	12.949	.9117	79.229	5944.7
#2	.41956	3.6188	1.9523	2.2869	13.046	.9090	79.161	5956.4

Sample Name: S5 Acquired: 12/6/2018 11:19:16 Type: Cal
Method: P4-ICP2(v2634) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-322.04
Stddev	8.93
%RSD	2.7743

#1	-315.72
#2	-328.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4391.1	57791.	4733.5	104.05	4166.2
Stddev	14.7	107.	24.4	1.15	16.8
%RSD	.33417	.18450	.51444	1.1067	.40286

#1	4380.7	57715.	4750.8	104.86	4154.4
#2	4401.5	57866.	4716.3	103.23	4178.1

Sample Name: ICV01 Acquired: 12/6/2018 11:30:47 Type: Unk
Method: P4-ICP2(v2634) 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	1.0167	1.0256	.99696	1.0074	1.0011	2.4641	.52154	.48733
Stddev	.0030	.0010	.00310	.0062	.0012	.0187	.00292	.00199
%RSD	.29202	.10207	.31106	.61466	.11731	.75855	.56069	.40781
#1	1.0146	1.0264	.99477	1.0030	1.0002	2.4508	.52361	.48873
#2	1.0188	1.0249	.99916	1.0118	1.0019	2.4773	.51948	.48592
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48152	10.228	.51197	.49708	.51610	4.8748	.51943	6.0583
Stddev	.00191	.002	.00012	.00108	.00174	.0192	.00137	.0571
%RSD	.39587	.01738	.02370	.21686	.33785	.39320	.26308	.94181
#1	.48017	10.227	.51205	.49632	.51486	4.8613	.52039	6.0179
#2	.48286	10.229	.51188	.49784	.51733	4.8884	.51846	6.0986
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49555	.48442	9.9008	.49506	1.0151	10.227	2.4656	2.4599
Stddev	.00060	.00206	.0175	.00218	.0028	.049	.0030	.0055
%RSD	.12060	.42580	.17671	.44043	.27280	.47988	.12196	.22282
#1	.49513	.48588	9.9132	.49660	1.0171	10.261	2.4634	2.4560
#2	.49598	.48296	9.8885	.49352	1.0132	10.192	2.4677	2.4638
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3906	2.4393	F 2.3438	2.4259	2.4703	F -.0009	F .00701	F 3.4935
Stddev	.0077	.0228	.0050	.0034	.0165	.0002	.00005	.0320
%RSD	.32329	.93688	.21502	.14061	.66995	21.59	.73459	.91657
#1	2.3851	2.4554	2.3403	2.4234	2.4820	-.0011	.00697	3.4708
#2	2.3961	2.4231	2.3474	2.4283	2.4585	-.0008	.00705	3.5161

Sample Name: ICV01 Acquired: 12/6/2018 11:30:47 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3356
Stddev .1981
%RSD 8.4835

#1 2.1955
#2 2.4757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4536.3	60206.	4748.0	109.91	4706.5
Stddev	9.2	52.	34.7	.40	11.3
%RSD	.20352	.08650	.73151	.36598	.24057

#1	4542.8	60169.	4723.4	109.63	4714.5
#2	4529.8	60243.	4772.6	110.19	4698.5

Sample Name: LLICV01 Acquired: 12/6/2018 11:44:26 Type: Unk
Method: P4-ICP2(v2634) 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	.02093	.04320	.01356	.02128	.05678	.11734	.11972	.00650
Stddev	.00153	.00054	.00072	.00092	.00264	.00041	.00046	.00002
%RSD	7.2985	1.2613	5.3013	4.3445	4.6494	.35198	.38094	.37166
#1	.02201	.04281	.01305	.02062	.05492	.11704	.12004	.00648
#2	.01985	.04358	.01407	.02193	.05865	.11763	.11939	.00652
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	2.2856	.01104	.03379	.02199	.11157	.02389	2.3757
Stddev	.00001	.0079	.00029	.00018	.00039	.00349	.00009	.0090
%RSD	.15461	.34423	2.6677	.54295	1.7959	3.1311	.39105	.37967
#1	.00594	2.2800	.01084	.03392	.02171	.11404	.02382	2.3693
#2	.00595	2.2911	.01125	.03366	.02227	.10910	.02395	2.3821
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04350	.01164	2.0694	.04569	.04747	2.1914	.21303	.09898
Stddev	.00006	.00027	.0002	.00009	.00004	.0048	.00022	.01211
%RSD	.13467	2.3386	.01177	.18657	.08301	.21789	.10380	12.234
#1	.04355	.01183	2.0693	.04563	.04750	2.1880	.21287	.09042
#2	.04346	.01145	2.0696	.04575	.04745	2.1948	.21319	.10754
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01964	.45465	.04192	.04646	.02207	.0166	.02309	F 3.6502
Stddev	.00329	.00655	.00015	.00055	.00142	.0021	.00001	.0869
%RSD	16.735	1.4407	.35579	1.1928	6.4333	12.51	.02499	2.3814
#1	.02197	.45002	.04181	.04685	.02307	.0181	.02309	3.7116
#2	.01732	.45928	.04202	.04606	.02106	.0152	.02309	3.5887

Sample Name: LLICV01 Acquired: 12/6/2018 11:44:26 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .91793
Stddev .49941
%RSD 54.407

#1 .56479
#2 1.2711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4547.1	60369.	4630.8	108.37	4935.9
Stddev	7.1	154.	14.1	.05	7.5
%RSD	.15575	.25544	.30532	.04350	.15122

#1	4542.1	60260.	4640.8	108.40	4930.6
#2	4552.1	60478.	4620.8	108.33	4941.2

Sample Name: ICB01 Acquired: 12/6/2018 11:53:20 Type: Unk
Method: P4-ICP2(v2634) 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	.00104	-.00156	-.00106	.00166	.00015	.00122	.00621	.00005
Stddev	.00147	.00137	.00019	.00416	.00000	.00153	.00100	.00005
%RSD	140.90	87.673	17.808	251.04	.15201	125.32	16.077	101.42
#1	.00000	-.00059	-.00093	-.00128	.00015	.00014	.00551	.00009
#2	.00209	-.00252	-.00120	.00460	.00015	.00231	.00692	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.02351	-.00008	.00003	-.00062	.01246	.00003	.02707
Stddev	.00002	.00882	.00018	.00006	.00005	.00261	.00003	.02894
%RSD	652.73	37.521	218.79	196.79	8.6948	20.937	89.530	106.91
#1	.00001	-.01727	-.00022	.00007	-.00066	.01062	.00005	.00661
#2	-.00002	-.02975	.00005	-.00001	-.00058	.01431	.00001	.04754
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00001	-.17215	.00011	-.00051	-.05901	-.00054	.00735
Stddev	.00033	.00038	.01812	.00017	.00000	.03276	.00013	.00028
%RSD	133.68	5595.7	10.528	153.51	.01788	55.525	23.066	3.7651
#1	-.00001	-.00027	-.18497	-.00001	-.00051	-.03584	-.00045	.00755
#2	-.00048	.00026	-.15934	.00023	-.00051	-.08217	-.00063	.00716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00291	.00803	-.00112	.00155	-.00032	-.0038	-.00029	F 4.1529
Stddev	.00151	.00044	.00015	.00010	.00027	.0005	.00013	.1524
%RSD	51.879	5.5215	13.358	6.6760	84.417	12.25	42.798	3.6707
#1	-.00184	.00835	-.00123	.00163	-.00050	-.0042	-.00020	4.2606
#2	-.00398	.00772	-.00102	.00148	-.00013	-.0035	-.00038	4.0451

Sample Name: ICB01 Acquired: 12/6/2018 11:53:20 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .42899
Stddev	.25534
%RSD	59.520

#1	.60955
#2	.24844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.3	59499.	4540.1	106.69	4925.7
Stddev	2.1	185.	16.3	3.51	6.0
%RSD	.04612	.31009	.35814	3.2863	.12103

#1	4460.9	59368.	4551.6	109.17	4921.5
#2	4463.8	59629.	4528.6	104.21	4929.9

Sample Name: CRI01 Acquired: 12/6/2018 12:05:42 Type: Unk
Method: P4-ICP2(v2634) 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	.02112	.04435	.01330	.01910	.05785	.12908	.12220	.00669
Stddev	.00741	.00105	.00007	.00225	.00379	.00394	.00012	.00005
%RSD	35.105	2.3761	.50853	11.760	6.5494	3.0557	.09838	.69393
#1	.01588	.04361	.01335	.01752	.05517	.13187	.12228	.00666
#2	.02636	.04510	.01325	.02069	.06053	.12629	.12211	.00672
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	2.3248	.01132	.03450	.02269	.09389	.02438	2.4031
Stddev	.00003	.0097	.00010	.00018	.00011	.00453	.00010	.0222
%RSD	.45567	.41531	.86328	.53599	.50456	4.8263	.41792	.92399
#1	.00601	2.3317	.01139	.03437	.02277	.09709	.02445	2.4188
#2	.00605	2.3180	.01126	.03463	.02261	.09069	.02431	2.3874
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04394	.01239	2.0994	.04621	.04800	2.2030	.21812	.10918
Stddev	.00064	.00045	.0051	.00017	.00126	.0081	.00025	.00368
%RSD	1.4486	3.6261	.24255	.36906	2.6249	.36965	.11583	3.3682
#1	.04439	.01271	2.0958	.04633	.04889	2.2087	.21795	.10658
#2	.04349	.01207	2.1030	.04609	.04711	2.1972	.21830	.11178
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02111	.46233	.04130	.04722	.02278	.0178	.02368	F 4.0967
Stddev	.00105	.00355	.00071	.00274	.00050	.0005	.00023	.1912
%RSD	4.9621	.76848	1.7254	5.8035	2.1893	2.979	.97985	4.6682
#1	.02037	.46484	.04181	.04528	.02243	.0175	.02385	4.2319
#2	.02185	.45982	.04080	.04915	.02313	.0182	.02352	3.9614

Sample Name: CRI01 Acquired: 12/6/2018 12:05:42 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .81162
Stddev	.02013
%RSD	2.4807

#1	.79739
#2	.82586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4440.9	59111.	4602.5	107.84	4836.7
Stddev	6.2	120.	25.8	2.97	13.3
%RSD	.13995	.20292	.56049	2.7539	.27546

#1	4436.5	59026.	4584.2	105.74	4827.3
#2	4445.3	59195.	4620.7	109.94	4846.1

Sample Name: ICSA01 Acquired: 12/6/2018 12:09:44 Type: Unk
Method: P4-ICP2(v2634) 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	-.00047	-.01129	-.00077	.01230	.00378	298.83	.00949	.00026
Stddev	.00380	.00175	.00097	.00221	.00105	.46	.00073	.00003
%RSD	811.24	15.542	126.07	18.005	27.752	.15490	7.7066	11.183
#1	.00222	-.01004	-.00145	.01073	.00304	299.16	.00898	.00028
#2	-.00316	-.01253	-.00008	.01387	.00452	298.50	.01001	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	277.55	.06146	-.00078	-.00949	112.10	.01671	279.03
Stddev	.00002	.49	.00036	.00012	.00050	.45	.00000	2.21
%RSD	1.0826	.17549	.58495	15.215	5.2709	.40038	.02449	.79135
#1	-.00198	277.20	.06121	-.00070	-.00914	111.79	.01671	277.47
#2	-.00195	277.89	.06172	-.00087	-.00985	112.42	.01670	280.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00850	-.00443	-.10150	.00100	-.00141	-.02518	-.00074	.06091
Stddev	.00093	.00038	.01592	.00015	.00010	.00125	.00008	.00056
%RSD	10.899	8.6209	15.681	15.396	7.3692	4.9693	11.141	.92393
#1	-.00785	-.00416	-.11276	.00089	-.00133	-.02430	-.00069	.06052
#2	-.00916	-.00470	-.09025	.00110	-.00148	-.02607	-.00080	.06131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00918	-.00649	.00129	.00324	.00973	-.0050	-.00322	F 5.1843
Stddev	.00248	.00533	.00123	.00062	.00179	.0006	.00134	.1602
%RSD	27.030	82.162	95.725	19.225	18.408	12.75	41.812	3.0901
#1	-.00742	-.01026	.00042	.00368	.00846	-.0046	-.00227	5.2976
#2	-.01093	-.00272	.00216	.00280	.01099	-.0055	-.00417	5.0710

Sample Name: ICSA01 Acquired: 12/6/2018 12:09:44 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .30870
Stddev	.27062
%RSD	87.662

#1	.11735
#2	.50006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.0	51834.	4423.8	97.283	3760.6
Stddev	14.9	241.	.3	.439	12.8
%RSD	.37836	.46427	.00771	.45174	.34127

#1	3916.5	51664.	4423.6	96.973	3751.5
#2	3937.5	52004.	4424.1	97.594	3769.7

Sample Name: ICSAB01 Acquired: 12/6/2018 12:13:51 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10879	.10079	.05235	.06548	.68041	294.90	.58400
Stddev	.00049	.00057	.00005	.00501	.00855	1.41	.00307
%RSD	.45149	.56096	.08678	7.6550	1.2568	.47762	.52556

#1	.10844	.10119	.05238	.06902	.68645	293.91	.58183
#2	.10913	.10039	.05231	.06194	.67436	295.90	.58617

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58807	1.0718	274.02	.62214	.54412	.53436	108.50
Stddev	.00360	.0002	1.09	.00054	.00252	.00103	.32
%RSD	.61138	.02081	.39653	.08621	.46223	.19293	.29314

#1	.58553	1.0720	273.25	.62176	.54590	.53509	108.72
#2	.59062	1.0717	274.78	.62252	.54234	.53364	108.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57640	275.47	1.0469	.23861	-.10460	.53209	1.0844
Stddev	.00119	1.19	.0071	.00086	.00781	.00110	.0132
%RSD	.20660	.43333	.68232	.36199	7.4669	.20726	1.2178

#1	.57556	274.63	1.0520	.23800	-.11013	.53131	1.0937
#2	.57724	276.32	1.0419	.23922	-.09908	.53287	1.0751

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01305	-.00135	.05351	-.00929	-.00521	.00079	.00078
Stddev	.02638	.00025	.01038	.00557	.00398	.00126	.00136
%RSD	202.09	18.433	19.400	59.933	76.364	158.84	174.09

#1	.00560	-.00153	.04617	-.01322	-.00240	-.00010	-.00018
#2	-.03171	-.00117	.06085	-.00535	-.00803	.00169	.00174

Sample Name: ICSAB01 Acquired: 12/6/2018 12:13:51 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00855	F -.0031	F -.00066	F 5.4095	F<.00000
Stddev	.00026	.0011	.00084	.0305	1.2756
%RSD	3.0308	35.46	127.67	.56427	266.92

#1	.00836	-.0039	-.00125	5.4311	-1.3799
#2	.00873	-.0024	-.00006	5.3879	.42408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.0	51687.	4414.0	98.312	3749.4
Stddev	6.2	31.	8.1	1.011	1.0
%RSD	.15798	.06033	.18439	1.0286	.02746

#1	3908.4	51665.	4408.3	97.597	3750.1
#2	3899.6	51709.	4419.8	99.027	3748.7

Sample Name: CCV01 Acquired: 12/6/2018 12:33:33 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0337	4.8160	4.9394	4.8984	5.0450	9.9482	9.9878	.24582
Stddev	.0137	.0068	.0035	.0002	.0182	.0469	.0833	.00050
%RSD	.27128	.14100	.07151	.00358	.36007	.47196	.83358	.20469
#1	5.0434	4.8208	4.9419	4.8983	5.0579	9.9814	9.9289	.24618
#2	5.0241	4.8112	4.9369	4.8986	5.0322	9.9150	10.047	.24547
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4012	25.550	.99924	2.4255	1.2426	5.0741	2.4914	24.466
Stddev	.0004	.101	.00089	.0007	.0004	.0684	.0018	.039
%RSD	.01868	.39555	.08920	.03046	.02815	1.3473	.07262	.15978
#1	2.4015	25.479	.99861	2.4250	1.2423	5.0257	2.4927	24.439
#2	2.4009	25.622	.99987	2.4260	1.2428	5.1224	2.4902	24.494
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.3739	1.2764	23.801	F 2.3497	2.4261	24.678	4.8310	4.8492
Stddev	.0013	.0003	.215	.0034	.0237	.220	.0053	.0038
%RSD	.05340	.02643	.90349	.14342	.97717	.89244	.11055	.07773
#1	2.3730	1.2767	23.649	2.3474	2.4094	24.522	4.8348	4.8466
#2	2.3748	1.2762	23.953	2.3521	2.4429	24.833	4.8272	4.8519
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.7250	4.9987	F 4.6699	4.8819	4.9649	F 4.750	5.1864	F 5.3026
Stddev	.0333	.0527	.0036	.0209	.0395	.009	.0427	.0992
%RSD	.70407	1.0538	.07805	.42882	.79473	.1806	.82268	1.8708
#1	4.7485	4.9614	4.6673	4.8671	4.9370	4.756	5.1563	5.3727
#2	4.7015	5.0359	4.6724	4.8967	4.9928	4.744	5.2166	5.2324

Sample Name: CCV01 Acquired: 12/6/2018 12:33:33 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4138
Stddev .6075
%RSD 25.168

#1 2.8434
#2 1.9842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4020.7	53848.	4370.6	99.553	4052.5
Stddev	6.4	255.	19.2	.865	5.0
%RSD	.15800	.47296	.44031	.86870	.12233

#1	4016.2	53668.	4384.2	100.16	4049.0
#2	4025.2	54028.	4357.0	98.942	4056.0

Sample Name: LLCCV01 Acquired: 12/6/2018 12:46:49 Type: Unk
Method: P4-ICP2(v2634) 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	.01865	.04110	.01303	.02208	.05537	.10976	.11221	.00605
Stddev	.00068	.00061	.00008	.00333	.00090	.00524	.00030	.00004
%RSD	3.6209	1.4819	.61816	15.090	1.6288	4.7771	.26596	.73755

#1	.01817	.04067	.01298	.01972	.05601	.10605	.11242	.00608
#2	.01912	.04153	.01309	.02443	.05474	.11347	.11199	.00602

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00542	2.1782	.01083	.03120	.02066	.11413	.02210	2.1606
Stddev	.00003	.0087	.00016	.00035	.00032	.00443	.00003	.0391
%RSD	.56588	.39971	1.4548	1.1154	1.5257	3.8797	.14129	1.8103

#1	.00544	2.1844	.01094	.03144	.02088	.11100	.02207	2.1883
#2	.00540	2.1721	.01072	.03095	.02043	.11726	.02212	2.1329

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03909	.01111	1.8540	.04094	.04403	1.9847	.19621	.10986
Stddev	.00031	.00031	.0117	.00039	.00039	.0002	.00029	.00938
%RSD	.78528	2.7601	.62908	.94388	.87610	.00891	.14871	8.5351

#1	.03931	.01089	1.8457	.04067	.04430	1.9846	.19642	.10323
#2	.03887	.01133	1.8622	.04122	.04376	1.9848	.19601	.11649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01682	.42334	.03757	.04470	.02349	F .0139	.02154	F 4.8979
Stddev	.00480	.00023	.00108	.00010	.00035	.0003	.00024	.0707
%RSD	28.557	.05333	2.8682	.23145	1.4739	2.003	1.1007	1.4429

#1	.01343	.42349	.03833	.04463	.02325	.0141	.02171	4.9479
#2	.02022	.42318	.03681	.04478	.02374	.0137	.02138	4.8479

Sample Name: LLCCV01 Acquired: 12/6/2018 12:46:49 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .84432
Stddev .30581
%RSD 36.220

#1 1.0606
#2 .62808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4161.2	55958.	4362.0	101.93	4565.1
Stddev	7.0	161.	24.5	1.18	12.2
%RSD	.16736	.28768	.56222	1.1562	.26713

#1	4156.2	55844.	4344.6	101.10	4556.4
#2	4166.1	56072.	4379.3	102.77	4573.7

Sample Name: CCB01 Acquired: 12/6/2018 12:50:54 Type: Unk
Method: P4-ICP2(v2634) 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	.00103	-.00244	.00022	.00110	-.00020	.00355	.00621	-.00002
Stddev	.00025	.00058	.00003	.00058	.00039	.00482	.00013	.00004
%RSD	24.187	23.991	14.922	52.427	196.89	135.62	2.0763	280.19
#1	.00086	-.00285	.00024	.00069	-.00047	.00015	.00612	.00002
#2	.00121	-.00202	.00019	.00151	.00008	.00696	.00631	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02471	-.00026	-.00000	-.00017	.00046	.00003	-.00431
Stddev	.00012	.01539	.00029	.00031	.00000	.00267	.00002	.02834
%RSD	412.26	62.282	111.82	6236.5	.24174	579.40	61.584	656.92
#1	.00005	-.03559	-.00046	-.00022	-.00017	.00235	.00002	-.02435
#2	-.00011	-.01383	-.00005	.00021	-.00017	-.00143	.00004	.01573
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00024	-.19069	-.00014	-.00047	-.08776	-.00032	.00258
Stddev	.00028	.00074	.02248	.00069	.00006	.00908	.00020	.00449
%RSD	61.309	304.69	11.787	490.32	13.802	10.348	61.402	174.21
#1	-.00066	.00076	-.20658	-.00063	-.00042	-.08134	-.00046	-.00060
#2	-.00026	-.00028	-.17480	.00035	-.00052	-.09418	-.00018	.00576
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00714	.00962	-.00201	.00414	.00220	-.0037	-.00025	F 4.9712
Stddev	.00271	.00136	.00086	.00207	.00170	.0003	.00008	.0783
%RSD	37.945	14.152	42.735	49.957	77.381	9.267	32.402	1.5747
#1	.00522	.00866	-.00140	.00268	.00100	-.0040	-.00019	5.0265
#2	.00905	.01058	-.00261	.00560	.00341	-.0035	-.00031	4.9158

Sample Name: CCB01 Acquired: 12/6/2018 12:50:54 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .87403
Stddev .00059
%RSD .06807

#1 .87361
#2 .87445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.1	55696.	4310.6	100.81	4586.1
Stddev	11.6	345.	23.7	.04	12.1
%RSD	.28117	.61976	.54908	.04092	.26293

#1	4115.9	55452.	4327.3	100.78	4577.6
#2	4132.3	55940.	4293.9	100.84	4594.6

Sample Name: LR CHECK 1 Acquired: 12/6/2018 13:03:58 Type: Unk
Method: P4-ICP2(v2634) 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	-.04880	-.06605	.00322	.08339	.06401	F 2102.8	.01981	.00427
Stddev	.00158	.00693	.00264	.01428	.00235	12.0	.00101	.00008
%RSD	3.2364	10.488	81.994	17.124	3.6674	.56873	5.0950	1.8585
#1	-.04992	-.06115	.00135	.09349	.06235	2094.4	.02052	.00421
#2	-.04769	-.07095	.00508	.07330	.06567	2111.3	.01909	.00432
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01547	F 1969.3	.13630	.04420	.04121	871.34	.03998	F 1917.9
Stddev	.00253	11.8	.00271	.00030	.00780	25.44	.00012	13.9
%RSD	16.369	.59877	1.9860	.67029	18.921	2.9198	.29152	.72456
#1	.01368	1977.7	.13438	.04399	.03570	889.33	.04006	1908.1
#2	.01726	1961.0	.13821	.04441	.04672	853.35	.03990	1927.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11697	-.06021	F 1872.0	.00718	.10673	F 1031.1	.03038	.46454
Stddev	.00013	.00749	7.1	.00104	.00506	1.4	.00122	.03825
%RSD	.11104	12.436	.37757	14.458	4.7448	.13675	4.0132	8.2330
#1	.11688	-.05492	1867.1	.00645	.11031	1032.1	.02952	.49159
#2	.11706	-.06551	1877.0	.00791	.10315	1030.1	.03124	.43750
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47003	.10170	.03775	-.04601	.08564	.0655	-.93538	6.6889
Stddev	.00352	.00047	.00204	.00165	.00274	.0048	.02799	.1456
%RSD	.74884	.45877	5.4065	3.5836	3.1997	7.363	2.9920	2.1766
#1	.46754	.10203	.03919	-.04485	.08371	.0689	-.95517	6.5860
#2	.47252	.10137	.03630	-.04718	.08758	.0621	-.91559	6.7919

Sample Name: LR CHECK 1 Acquired: 12/6/2018 13:03:58 Type: Unk
 Method: P4-ICP2(v2634) 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 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.6	36813.	3687.8	73.196	2267.4
Stddev	4.0	156.	4.0	2.399	2.0
%RSD	.14282	.42333	.10852	3.2768	.08666
#1	2793.4	36923.	3690.6	71.500	2266.0
#2	2787.7	36702.	3685.0	74.892	2268.8

Sample Name: LR CHECK 2 Acquired: 12/6/2018 13:08:23 Type: Unk
Method: P4-ICP2(v2634) 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	-.01405	-.03021	244.30	.04374	-.02160	392.30	93.773
Stddev	.00776	.00306	.74	.00050	.00077	2.42	.004
%RSD	55.215	10.127	.30357	1.1510	3.5791	.61564	.00396

#1	-.01954	-.02805	243.78	.04410	-.02105	394.01	93.776
#2	-.00857	-.03237	244.82	.04338	-.02214	390.60	93.770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00919	433.97	-.10187	.00263	F 274.09	204.57
Stddev	.00006	.00055	.78	.00065	.00034	.18	6.39
%RSD	24.234	5.9622	.17948	.64166	12.972	.06515	3.1214

#1	-.00021	-.00880	433.42	-.10140	.00239	273.96	200.05
#2	-.00030	-.00958	434.52	-.10233	.00287	274.22	209.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.221	414.92	46.222	-.00071	443.61	.00007	F 36.373
Stddev	.129	2.67	.179	.00105	10.25	.00072	1.035
%RSD	.28014	.64305	.38644	148.15	2.3102	1065.2	2.8450

#1	46.312	413.04	46.096	-.00145	436.36	.00058	35.641
#2	46.129	416.81	46.348	.00003	450.86	-.00044	37.104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	207.05	-.00028	.10951	1.4011	.17724	.00427	.01659
Stddev	.53	.00004	.02225	.0121	.00106	.00086	.00176
%RSD	.25616	14.731	20.320	.86742	.60078	20.024	10.614

#1	206.68	-.00025	.09378	1.3925	.17799	.00488	.01784
#2	207.43	-.00031	.12525	1.4097	.17648	.00367	.01535

Sample Name: LR CHECK 2 Acquired: 12/6/2018 13:08:23 Type: Unk
 Method: P4-ICP2(v2634) 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	.02232	-.1200	-.21805	6.7697	F<.00000
Stddev	.00197	.0002	.00691	.1012	.64605
%RSD	8.8394	.2051	3.1682	1.4951	3.4706

#1	.02093	-.1198	-.21317	6.8413	-18.158
#2	.02372	-.1202	-.22294	6.6981	-19.072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.6	46105.	4147.3	86.343	3098.0
Stddev	9.0	182.	14.2	2.596	6.7
%RSD	.26939	.39398	.34336	3.0072	.21773

#1	3352.0	45977.	4157.4	88.179	3102.7
#2	3339.3	46234.	4137.2	84.507	3093.2

Sample Name: J6182-18DLX10 Acquired: 12/6/2018 13:11:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OXS01-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00710	-.00314	.03052	.00403	-.04325	.02298	.01075	-.00006
Stddev	.00106	.00073	.00273	.00098	.00052	.01062	.00011	.00003
%RSD	14.872	23.250	8.9433	24.176	1.1943	46.199	1.0688	50.595
#1	-.00635	-.00366	.03245	.00472	-.04288	.01547	.01067	-.00009
#2	-.00784	-.00262	.02859	.00334	-.04361	.03048	.01084	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	40.394	F 12.784	-.00033	.00508	.02811	.00075	.03967
Stddev	.00005	.039	.009	.00009	.00043	.00888	.00008	.04294
%RSD	73.811	.09633	.07237	26.777	8.4662	31.581	11.190	108.26
#1	.00003	40.366	12.790	-.00039	.00478	.02183	.00081	.00930
#2	.00010	40.421	12.777	-.00026	.00539	.03439	.00069	.07003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.00577	128.19	.01207	.00548	11.494	.00234	.28164
Stddev	.00024	.00062	.63	.00004	.00063	.069	.00007	.01060
%RSD	18.553	10.739	.49154	.31302	11.525	.59686	3.1141	3.7635
#1	-.00114	.00621	128.64	.01210	.00593	11.543	.00239	.27415
#2	-.00148	.00533	127.75	.01204	.00503	11.446	.00229	.28914
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.761	.16226	-.01059	.00140	.01200	-.0054	.21150	6.1564
Stddev	.018	.00157	.00005	.00173	.00178	.0014	.00086	.0430
%RSD	.08145	.96936	.44112	123.29	14.800	26.10	.40888	.69840
#1	21.773	.16115	-.01055	.00262	.01074	-.0044	.21212	6.1868
#2	21.748	.16338	-.01062	.00018	.01325	-.0064	.21089	6.1260

Sample Name: J6182-18DLX10 Acquired: 12/6/2018 13:11:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OXS01-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4444
Stddev	.2856
%RSD	19.770

#1	1.2425
#2	1.6463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.9	51789.	4269.3	98.382	4074.4
Stddev	12.7	155.	11.2	.728	14.9
%RSD	.32606	.29850	.26212	.73976	.36529

#1	3884.9	51680.	4261.4	98.897	4063.8
#2	3902.9	51899.	4277.2	97.868	4084.9

Sample Name: J6148-01DLX10 Acquired: 12/6/2018 13:15:50 Type: Unk
Method: P4-ICP2(v2634) 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	.02658	-.00333	4.9193	.01020	.01802	14.092	.48057	.00104
Stddev	.00010	.00029	.0047	.00273	.00057	.254	.00792	.00008
%RSD	.35908	8.5875	.09624	26.795	3.1725	1.8016	1.6481	7.6387

#1	.02664	-.00353	4.9160	.00827	.01762	14.271	.48617	.00109
#2	.02651	-.00313	4.9227	.01213	.01842	13.912	.47497	.00098

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	37.482	.05991	.01519	.28298	40.354	.52823	11.356
Stddev	.00003	.331	.00082	.00026	.00051	.410	.00834	.078
%RSD	1.4439	.88386	1.3651	1.7105	.18128	1.0162	1.5796	.68944

#1	.00211	37.716	.06049	.01501	.28335	40.064	.53413	11.411
#2	.00215	37.248	.05933	.01537	.28262	40.644	.52233	11.301

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07308	-.00036	.52086	.05745	1.3765	2.2642	.00278	.05269
Stddev	.00056	.00030	.01293	.00110	.0176	.0842	.00024	.00832
%RSD	.76406	81.820	2.4816	1.9188	1.2790	3.7184	8.5328	15.786

#1	.07348	-.00057	.53000	.05823	1.3641	2.3237	.00295	.04681
#2	.07269	-.00015	.51172	.05667	1.3890	2.2046	.00261	.05857

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2802	.16678	.39908	.35758	.02228	1.059	.07546	4.9142
Stddev	.0011	.00293	.00235	.00795	.00145	.000	.00184	.1874
%RSD	.08576	1.7566	.58815	2.2233	6.5095	.0152	2.4343	3.8135

#1	1.2810	.16885	.39742	.36320	.02331	1.059	.07676	5.0467
#2	1.2795	.16471	.40074	.35196	.02125	1.059	.07416	4.7817

Sample Name: J6148-01DLX10 Acquired: 12/6/2018 13:15:50 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.2889
 Stddev .3196
 %RSD 6.0432

#1 5.5149
 #2 5.0629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4143.2	56327.	4508.3	102.78	4356.4
Stddev	.9	893.	37.2	1.27	3.7
%RSD	.02064	1.5850	.82572	1.2384	.08507

#1	4143.8	55696.	4482.0	103.68	4353.8
#2	4142.6	56958.	4534.6	101.88	4359.1

Sample Name: J6204-19DLX10 Acquired: 12/6/2018 13:19:45 Type: Unk
Method: P4-ICP2(v2634) 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	.00901	-.00185	.08200	.00230	-.00075	4.0942	.01636	.00014
Stddev	.00043	.00005	.00170	.00096	.00027	.0959	.00029	.00004
%RSD	4.7254	2.7212	2.0718	41.656	35.791	2.3426	1.7459	25.117

#1	.00931	-.00182	.08320	.00298	-.00056	4.0263	.01657	.00012
#2	.00871	-.00189	.08080	.00162	-.00094	4.1620	.01616	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.10980	.01255	.00207	.01174	14.616	.07862	.52846
Stddev	.00001	.00255	.00003	.00015	.00012	.049	.00067	.04451
%RSD	3.6428	2.3234	.24858	7.3716	1.0551	.33766	.85675	8.4219

#1	-.00035	.10799	.01253	.00196	.01166	14.582	.07814	.49699
#2	-.00036	.11160	.01257	.00218	.01183	14.651	.07910	.55993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00076	.04910	.01408	.01340	.52162	-.00021	-.00010
Stddev	.00030	.00045	.00444	.00001	.00002	.00696	.00007	.00177
%RSD	7.7608	59.755	9.0457	.06772	.16797	1.3335	33.379	1763.5

#1	.00369	-.00044	.05224	.01409	.01338	.51670	-.00026	.00115
#2	.00412	-.00108	.04596	.01408	.01341	.52654	-.00016	-.00135

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33887	.14075	-.00089	.10158	.00438	.2862	-.01496	4.8694
Stddev	.00240	.00705	.00008	.00060	.00147	.0005	.00009	.0960
%RSD	.70791	5.0080	8.5763	.59110	33.632	.1608	.58110	1.9718

#1	.33717	.13577	-.00083	.10116	.00334	.2858	-.01503	4.8015
#2	.34056	.14574	-.00094	.10201	.00542	.2865	-.01490	4.9373

Sample Name: J6204-19DLX10 Acquired: 12/6/2018 13:19:45 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1836
 Stddev .1231
 %RSD 5.6369

#1 2.0966
 #2 2.2707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4235.0	56434.	4483.5	104.80	4651.7
Stddev	1.2	529.	.8	.22	.5
%RSD	.02732	.93760	.01677	.20803	.01071

#1	4234.2	56808.	4484.0	104.65	4652.1
#2	4235.8	56060.	4483.0	104.96	4651.4

Sample Name: J6204-19DUPDLX10 Acquired: 12/6/2018 13:23:47 Type: Unk
Method: P4-ICP2(v2634) 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	.00713	-.00272	.07953	.00420	-.00042	4.1135	.01710	.00010
Stddev	.00004	.00094	.00105	.00127	.00011	.0480	.00081	.00006
%RSD	.60086	34.515	1.3162	30.339	25.090	1.1660	4.7368	57.619

#1	.00716	-.00206	.08027	.00510	-.00035	4.0796	.01653	.00015
#2	.00710	-.00338	.07879	.00330	-.00050	4.1474	.01767	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.09824	.01233	.00215	.01184	14.980	.07770	.52104
Stddev	.00002	.01522	.00003	.00015	.00013	.521	.00013	.01303
%RSD	5.5408	15.495	.28312	6.7761	1.1073	3.4769	.16620	2.5017

#1	-.00038	.10900	.01236	.00225	.01175	14.612	.07760	.51182
#2	-.00041	.08747	.01231	.00204	.01194	15.348	.07779	.53026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	-.00071	-.00553	.01455	.01330	.45660	-.00018	.00771
Stddev	.00032	.00011	.01045	.00048	.00040	.03263	.00014	.00347
%RSD	8.0910	14.696	189.01	3.2794	2.9795	7.1462	77.366	44.944

#1	.00424	-.00064	-.01292	.01489	.01302	.43353	-.00028	.00526
#2	.00378	-.00079	.00186	.01422	.01358	.47967	-.00008	.01017

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33676	.13987	-.00130	.10240	.00178	.2885	-.01539	4.8216
Stddev	.00633	.00128	.00030	.00094	.00206	.0016	.00057	.0480
%RSD	1.8787	.91367	23.154	.91404	116.03	.5562	3.6948	.99553

#1	.34124	.14077	-.00151	.10173	.00324	.2896	-.01499	4.8556
#2	.33229	.13896	-.00108	.10306	.00032	.2873	-.01580	4.7877

Sample Name: J6204-19DUPDLX10 Acquired: 12/6/2018 13:23:47 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6817
Stddev .0934
%RSD 3.4827

#1 2.6156
#2 2.7477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4203.5	56835.	4477.9	103.35	4616.5
Stddev	.4	159.	19.6	3.05	6.5
%RSD	.00877	.28053	.43734	2.9478	.14174

#1	4203.8	56722.	4491.8	105.50	4621.1
#2	4203.2	56948.	4464.1	101.19	4611.8

Sample Name: J6204-19LDLX10 Acquired: 12/6/2018 13:27:48 Type: Unk
Method: P4-ICP2(v2634) 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	.00523	.00192	.03211	.00491	.00340	.82590	.01265	.00018
Stddev	.00136	.00044	.00135	.00047	.00202	.00554	.00081	.00000
%RSD	26.070	23.048	4.2020	9.5524	59.437	.67034	6.3682	1.9901

#1	.00427	.00161	.03306	.00524	.00197	.82198	.01208	.00018
#2	.00620	.00223	.03115	.00458	.00483	.82981	.01322	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.04297	.00346	.00225	.00288	2.9937	.01876	.14735
Stddev	.00032	.01215	.00003	.00032	.00062	.0152	.00000	.03098
%RSD	19.036	28.263	.92495	14.219	21.687	.50660	.00640	21.027

#1	.00145	.05156	.00348	.00203	.00244	3.0044	.01876	.16925
#2	.00190	.03438	.00343	.00248	.00332	2.9830	.01876	.12544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00053	-.02133	.00409	.00561	.26047	.00333	-.00161
Stddev	.00019	.00019	.00515	.00046	.00017	.00201	.00070	.00803
%RSD	8.7058	35.507	24.144	11.124	2.9803	.77314	21.155	497.53

#1	.00203	.00039	-.02497	.00377	.00549	.26189	.00283	-.00729
#2	.00230	.00066	-.01769	.00442	.00573	.25904	.00383	.00406

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07351	.05317	.00130	.02539	.00123	.0575	-.00022	4.7008
Stddev	.00004	.00230	.00056	.00026	.00052	.0004	.00010	.2135
%RSD	.05708	4.3217	43.184	1.0168	42.538	.6581	45.355	4.5429

#1	.07348	.05479	.00090	.02558	.00086	.0573	-.00029	4.8518
#2	.07354	.05154	.00170	.02521	.00160	.0578	-.00015	4.5498

Sample Name: J6204-19LDLX10 Acquired: 12/6/2018 13:27:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .74874
Stddev .02054
%RSD 2.7438

#1 .76327
#2 .73421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4199.6	56823.	4404.7	102.39	4643.5
Stddev	3.4	248.	4.6	.71	9.9
%RSD	.08014	.43676	.10442	.69637	.21331

#1	4197.2	56648.	4407.9	101.88	4636.5
#2	4202.0	56999.	4401.4	102.89	4650.5

Sample Name: J6204-19MSDLX10 Acquired: 12/6/2018 13:31:51 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10740	.24763	.19732	.25385	.03158	5.1765	.04649	.02516	.02257
Stddev	.00192	.00044	.00081	.00164	.00209	.0190	.00007	.00010	.00000
%RSD	1.7847	.17680	.40981	.64450	6.6055	.36613	.14046	.39930	.02029

#1	.10875	.24794	.19675	.25500	.03011	5.1631	.04645	.02523	.02257
#2	.10604	.24732	.19789	.25269	.03306	5.1899	.04654	.02509	.02256

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29145	.06434	.02654	.05224	15.919	.10906	.89702	.06327	.00928
Stddev	.03294	.00094	.00012	.00091	.193	.00098	.01860	.00001	.00040
%RSD	11.301	1.4638	.45685	1.7504	1.2116	.89893	2.0737	.00825	4.3255

#1	.26816	.06501	.02663	.05160	15.782	.10975	.88387	.06327	.00900
#2	.31474	.06368	.02646	.05289	16.055	.10836	.91018	.06328	.00957

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	.31052	.05188	.03893	1.7699	.04741	.04828	1.6643	.20024	.06802
Stddev	.00521	.00008	.00002	.0214	.00018	.00073	.0050	.00168	.00068
%RSD	1.6765	.16263	.04149	1.2108	.38000	1.5052	.30224	.83950	1.0030

#1	.31420	.05182	.03892	1.7548	.04754	.04777	1.6607	.20143	.06753
#2	.30684	.05194	.03894	1.7851	.04728	.04880	1.6678	.19905	.06850

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15084	.02728	.9478	.01223	4.6952	2.7414
Stddev	.00092	.00054	.0025	.00017	.0327	.1131
%RSD	.61299	1.9889	.2639	1.4089	.69731	4.1243

#1	.15018	.02690	.9461	.01235	4.6720	2.8214
#2	.15149	.02766	.9496	.01210	4.7183	2.6615

Sample Name: J6204-19MSDLX10 Acquired: 12/6/2018 13:31:51 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4194.4	56803.	4464.6	103.79	4585.0
Stddev	5.9	91.	31.3	.48	8.9
%RSD	.14007	.16067	.70213	.45988	.19470
#1	4198.5	56739.	4442.4	104.13	4591.3
#2	4190.2	56868.	4486.8	103.45	4578.7

Sample Name: J6204-19MSDDLX10 Acquired: 12/6/2018 13:35:52 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10957	.24866	.19757	.25434	.03257	5.2332	.04530	.02513	.02282
Stddev	.00080	.00155	.00087	.00306	.00106	.0197	.00087	.00003	.00009
%RSD	.73443	.62165	.44041	1.2014	3.2568	.37576	1.9174	.11398	.39152
#1	.11014	.24757	.19818	.25218	.03332	5.2193	.04591	.02515	.02288
#2	.10900	.24975	.19695	.25650	.03182	5.2471	.04468	.02511	.02275
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27100	.06452	.02645	.05287	15.782	.10953	.85212	.06357	.00939
Stddev	.00898	.00020	.00014	.00027	.034	.00021	.00906	.00015	.00020
%RSD	3.3141	.30236	.52715	.51110	.21376	.19069	1.0637	.23906	2.1568
#1	.27735	.06466	.02636	.05306	15.806	.10968	.85853	.06346	.00953
#2	.26465	.06438	.02655	.05268	15.759	.10938	.84571	.06367	.00925
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	.29713	.05098	.03844	1.7860	.04754	.03028	1.6746	.20131	.06811
Stddev	.00514	.00059	.00028	.0263	.00023	.00828	.0002	.00363	.00035
%RSD	1.7303	1.1486	.73971	1.4707	.47726	27.352	.01260	1.8040	.51369
#1	.30077	.05056	.03864	1.8045	.04770	.02443	1.6748	.20387	.06786
#2	.29350	.05139	.03824	1.7674	.04738	.03614	1.6745	.19874	.06836
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.14989	.02884	.9495	.01261	4.9427	2.1132			
Stddev	.00078	.00037	.0017	.00003	.0095	.1975			
%RSD	.52104	1.2851	.1792	.27377	.19166	9.3462			
#1	.15044	.02857	.9507	.01264	4.9494	2.2528			
#2	.14933	.02910	.9483	.01259	4.9360	1.9735			

Sample Name: J6204-19MSDDLX10 Acquired: 12/6/2018 13:35:52 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4176.3	56341.	4442.3	104.53	4565.4
Stddev	16.4	17.	36.2	.47	14.1
%RSD	.39344	.03101	.81484	.45096	.30915
#1	4164.6	56329.	4416.7	104.20	4555.4
#2	4187.9	56354.	4467.9	104.87	4575.4

Sample Name: J6204-19ADLX10 Acquired: 12/6/2018 13:39:54 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10802	.24385	.19093	.24985	.03071	5.1096	.04564	.02492	.02225
Stddev	.00040	.00091	.00108	.00464	.00026	.0227	.00136	.00026	.00001
%RSD	.36770	.37119	.56769	1.8586	.83291	.44381	2.9761	1.0552	.02526

#1	.10774	.24321	.19169	.25313	.03089	5.0936	.04468	.02473	.02225
#2	.10830	.24449	.19016	.24657	.03053	5.1257	.04660	.02510	.02226

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24252	.06381	.02604	.05201	15.556	.10786	.88751	.06211	.00853
Stddev	.00294	.00036	.00019	.00045	.468	.00106	.08071	.00026	.00027
%RSD	1.2110	.57032	.72657	.87382	3.0103	.98396	9.0942	.41071	3.1100

#1	.24045	.06355	.02617	.05234	15.225	.10711	.83044	.06229	.00834
#2	.24460	.06407	.02591	.05169	15.887	.10861	.94458	.06193	.00872

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	.27956	.05085	.03851	1.7184	.04678	.04351	1.6455	.19836	.06691
Stddev	.02012	.00058	.00107	.0133	.00054	.00426	.0014	.00013	.00057
%RSD	7.1956	1.1481	2.7838	.77572	1.1644	9.7902	.08344	.06628	.85873

#1	.26534	.05044	.03776	1.7278	.04716	.04050	1.6464	.19845	.06731
#2	.29378	.05127	.03927	1.7090	.04639	.04652	1.6445	.19826	.06650

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14837	.02847	.9303	.01257	4.8300	2.6149
Stddev	.00019	.00395	.0020	.00004	.1177	.5003
%RSD	.12700	13.881	.2142	.35521	2.4364	19.135

#1	.14824	.02568	.9317	.01260	4.7468	2.9687
#2	.14851	.03127	.9289	.01254	4.9132	2.2611

Sample Name: J6204-19ADLX10 Acquired: 12/6/2018 13:39:54 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4162.7	56229.	4405.6	103.60	4554.4
Stddev	11.0	227.	48.4	2.13	10.9
%RSD	.26357	.40319	1.0975	2.0532	.24032
#1	4154.9	56389.	4439.8	105.11	4546.7
#2	4170.5	56069.	4371.4	102.10	4562.2

Sample Name: CCV02 Acquired: 12/6/2018 13:52:05 Type: Unk
Method: P4-ICP2(v2634) 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	5.3162	4.9782	5.1162	5.1542	5.3260	10.709	10.534	.25541
Stddev	.0094	.0112	.0039	.0034	.0033	.027	.005	.00087
%RSD	.17585	.22571	.07677	.06675	.06143	.25358	.04756	.34061
#1	5.3228	4.9703	5.1134	5.1567	5.3283	10.690	10.538	.25602
#2	5.3096	4.9862	5.1189	5.1518	5.3236	10.729	10.531	.25479
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4720	27.248	1.0460	2.5084	1.2934	4.8093	2.5862	25.378
Stddev	.0026	.030	.0037	.0047	.0019	.0883	.0100	.077
%RSD	.10684	.11084	.35225	.18843	.14922	1.8358	.38598	.30310
#1	2.4701	27.227	1.0486	2.5050	1.2948	4.8718	2.5932	25.323
#2	2.4739	27.270	1.0434	2.5117	1.2920	4.7469	2.5791	25.432
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4460	1.3539	24.810	2.4164	2.5253	26.281	5.0184	5.0844
Stddev	.0032	.0067	.029	.0053	.0606	.065	.0026	.0262
%RSD	.13008	.49819	.11530	.21960	2.4011	.24713	.05109	.51576
#1	2.4438	1.3587	24.830	2.4202	2.5682	26.327	5.0166	5.0658
#2	2.4483	1.3491	24.789	2.4127	2.4824	26.235	5.0202	5.1029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9219	5.2727	4.7985	5.0892	5.2454	4.935	F 5.5875	F 5.8957
Stddev	.0069	.0214	.0100	.0037	.0015	.008	.0003	.0728
%RSD	.14117	.40666	.20799	.07263	.02852	.1640	.00562	1.2345
#1	4.9170	5.2575	4.7915	5.0866	5.2464	4.929	5.5873	5.9472
#2	4.9268	5.2879	4.8056	5.0918	5.2443	4.940	5.5877	5.8442

Sample Name: CCV02 Acquired: 12/6/2018 13:52:05 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.2694
 Stddev .5130
 %RSD 22.607

#1 2.6321
 #2 1.9066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3929.8	52736.	4287.8	97.992	3998.1
Stddev	6.1	286.	7.4	2.409	.5
%RSD	.15437	.54257	.17264	2.4588	.01269

#1	3925.5	52533.	4282.6	96.289	3998.4
#2	3934.1	52938.	4293.1	99.696	3997.7

Sample Name: CCB02 Acquired: 12/6/2018 13:59:54 Type: Unk
Method: P4-ICP2(v2634) 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	-.00051	-.00218	F .00588	.00191	.00069	.01139	.00478	-.00005
Stddev	.00014	.00190	.00056	.00081	.00208	.00473	.00096	.00007
%RSD	27.183	86.940	9.5549	42.442	303.17	41.471	20.101	123.85

#1	-.00041	-.00352	.00628	.00134	-.00079	.01473	.00546	-.00010
#2	-.00060	-.00084	.00548	.00248	.00216	.00805	.00410	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00330	.00014	.00018	-.00072	.01049	.00016	.02428
Stddev	.00002	.00065	.00030	.00013	.00008	.00041	.00001	.00865
%RSD	68.059	19.731	223.01	75.561	10.986	3.9324	5.3331	35.606

#1	-.00004	.00376	-.00008	.00008	-.00078	.01019	.00016	.03040
#2	-.00001	.00284	.00035	.00027	-.00067	.01078	.00017	.01817

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00021	-.14854	.00046	-.00018	.09840	-.00033	-.00118
Stddev	.00001	.00009	.00400	.00032	.00006	.02436	.00006	.00087
%RSD	33.042	43.434	2.6960	70.043	34.804	24.753	19.313	73.678

#1	-.00003	-.00028	-.15137	.00023	-.00022	.11562	-.00028	-.00179
#2	-.00002	-.00015	-.14571	.00068	-.00013	.08118	-.00037	-.00056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00888	.00862	-.00244	.00477	.00061	-.0025	-.00028	F 5.2459
Stddev	.00199	.00188	.00018	.00263	.00303	.0002	.00003	.1322
%RSD	22.354	21.753	7.3589	55.167	495.33	9.468	10.590	2.5198

#1	-.01029	.00730	-.00231	.00663	.00275	-.0026	-.00030	5.3393
#2	-.00748	.00995	-.00256	.00291	-.00153	-.0023	-.00026	5.1524

Sample Name: CCB02 Acquired: 12/6/2018 13:59:54 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .58634
Stddev	.20996
%RSD	35.809

#1	.43787
#2	.73480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4087.9	55420.	4352.8	103.77	4587.5
Stddev	3.4	428.	23.5	1.54	1.6
%RSD	.08272	.77241	.53955	1.4878	.03405

#1	4090.3	55117.	4336.2	104.86	4588.6
#2	4085.5	55722.	4369.4	102.68	4586.4

Sample Name: PB115407BL Acquired: 12/6/2018 14:03:59 Type: Unk
Method: P4-ICP2(v2634) 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	-.00070	F .00544	.00043	-.00196	.01110	.00501	.00003
Stddev	.00173	.00097	.00071	.00243	.00036	.01887	.00088	.00004
%RSD	487.15	138.47	13.116	572.30	18.183	170.06	17.667	143.44

#1	.00087	-.00138	.00493	-.00130	-.00222	-.00225	.00438	.00005
#2	-.00158	-.00001	.00594	.00215	-.00171	.02444	.00563	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00949	.00016	-.00021	.00005	.02044	.00016	.03582
Stddev	.00000	.01139	.00022	.00009	.00018	.00714	.00005	.00878
%RSD	36.403	120.06	141.60	41.718	331.92	34.904	30.678	24.509

#1	-.00001	.01755	.00031	-.00015	-.00007	.01540	.00013	.02961
#2	-.00001	.00143	-.00000	-.00028	.00018	.02549	.00020	.04202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00025	-.15627	.00035	-.00003	.07873	-.00037	-.00324
Stddev	.00006	.00002	.01181	.00027	.00008	.07115	.00032	.00502
%RSD	39.631	8.1601	7.5584	78.580	251.95	90.377	86.596	155.03

#1	-.00011	.00023	-.16462	.00015	.00003	.12904	-.00014	.00031
#2	-.00020	.00026	-.14792	.00054	-.00009	.02842	-.00060	-.00679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00844	.00734	-.00256	.00069	-.00258	-.0039	-.00020	F 5.1575
Stddev	.00011	.00182	.00066	.00025	.00020	.0013	.00012	.0288
%RSD	1.3374	24.790	25.771	35.395	7.6046	33.16	62.216	.55761

#1	-.00852	.00605	-.00209	.00087	-.00244	-.0030	-.00011	5.1778
#2	-.00836	.00863	-.00302	.00052	-.00272	-.0049	-.00028	5.1372

Sample Name: PB115407BL Acquired: 12/6/2018 14:03:59 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .66037
Stddev	.28119
%RSD	42.581

#1	.46153
#2	.85920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4077.7	55321.	4335.6	100.97	4568.1
Stddev	20.8	54.	24.3	.52	29.5
%RSD	.51024	.09703	.56119	.51940	.64638

#1	4062.9	55283.	4318.4	100.60	4547.2
#2	4092.4	55359.	4352.8	101.34	4589.0

Sample Name: PB115398BS Acquired: 12/6/2018 14:08:04 Type: Unk
Method: P4-ICP2(v2634) 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	.87764	2.1041	1.0605	2.1663	.92391	2.2049	.23578
Stddev	.01011	.0005	.0031	.0063	.00168	.0130	.00126
%RSD	1.1524	.02582	.29180	.29150	.18213	.59006	.53308

#1	.87049	2.1037	1.0626	2.1618	.92272	2.2141	.23667
#2	.88479	2.1045	1.0583	2.1708	.92510	2.1957	.23489

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21507	.19847	F 1.2041	.45190	.20968	.35203	3.1025
Stddev	.00065	.00012	.0056	.00097	.00054	.00163	.0025
%RSD	.30323	.05827	.46452	.21394	.25951	.46384	.08078

#1	.21461	.19839	1.2002	.45258	.20930	.35088	3.1007
#2	.21553	.19855	1.2081	.45121	.21007	.35319	3.1043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22791	2.2453	.50981	.08278	3.1503	.30697	.22232
Stddev	.00021	.0239	.00130	.00045	.0060	.00035	.00139
%RSD	.09347	1.0639	.25501	.54237	.19053	.11294	.62474

#1	.22806	2.2284	.51073	.08247	3.1461	.30722	.22331
#2	.22776	2.2622	.50889	.08310	3.1546	.30673	.22134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.485	.44461	.31621	9.0474	1.1000	.69413	.22769
Stddev	.009	.00110	.00792	.0028	.0137	.00173	.00340
%RSD	.07757	.24662	2.5040	.03144	1.2469	.24945	1.4935

#1	11.491	.44384	.31061	9.0494	1.0903	.69536	.22529
#2	11.479	.44539	.32181	9.0454	1.1097	.69291	.23010

Sample Name: PB115398BS Acquired: 12/6/2018 14:08:04 Type: Unk
 Method: P4-ICP2(v2634) 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	.22936	5.709	F .24156	F 5.4463	F<.00000
Stddev	.00009	.001	.00014	.1265	.16296
%RSD	.04122	.0188	.05927	2.3229	13.192

#1	.22930	5.709	.24167	5.5358	-1.3505
#2	.22943	5.710	.24146	5.3568	-1.1201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4010.3	54350.	4255.5	100.39	4420.1
Stddev	7.2	183.	8.1	.99	17.8
%RSD	.18008	.33665	.19026	.98609	.40158

#1	4005.2	54221.	4249.8	99.692	4407.6
#2	4015.4	54480.	4261.3	101.09	4432.7

Sample Name: J6172-01 Acquired: 12/6/2018 14:11:53 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08341	-.00453	.29538	.01352	-.00071	44.946	.14220
Stddev	.00112	.00109	.00134	.00174	.00189	.329	.00170
%RSD	1.3398	24.021	.45271	12.837	265.72	.73256	1.1979

#1	.08262	-.00530	.29633	.01475	-.00205	44.713	.14100
#2	.08420	-.00376	.29444	.01229	.00063	45.179	.14341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	.00140	18.517	.24582	.02428	1.4469	73.831
Stddev	.00008	.00018	.078	.00083	.00017	.0032	1.190
%RSD	3.9366	12.831	.41909	.33962	.71165	.22066	1.6112

#1	.00188	.00152	18.463	.24641	.02441	1.4447	72.990
#2	.00199	.00127	18.572	.24523	.02416	1.4492	74.672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66861	19.758	.06811	-.00129	14.053	.13296	1.2354
Stddev	.00006	.056	.00018	.00045	.070	.00003	.0139
%RSD	.00849	.28187	.26140	35.222	.49511	.02481	1.1218

#1	.66865	19.719	.06824	-.00097	14.004	.13298	1.2256
#2	.66857	19.798	.06798	-.00161	14.103	.13293	1.2452

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3649	.01657	.09936	F 38.290	2.5974	.00062	1.9941
Stddev	.0200	.00006	.01077	.027	.0203	.00007	.0030
%RSD	.21376	.33965	10.837	.07175	.78049	10.798	.15237

#1	9.3508	.01661	.09175	38.270	2.6117	.00057	1.9919
#2	9.3791	.01653	.10697	38.309	2.5830	.00067	1.9962

Sample Name: J6172-01 Acquired: 12/6/2018 14:11:53 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07823	3.676	.04861	4.8464	F<.00000
Stddev	.00054	.008	.00102	.1698	.20649
%RSD	.68762	.2104	2.1010	3.5044	10.408

#1	.07785	3.682	.04933	4.7263	-1.8379
#2	.07861	3.671	.04789	4.9665	-2.1299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.5	56312.	4598.2	101.87	4174.1
Stddev	5.2	141.	3.5	1.15	8.8
%RSD	.12725	.25050	.07529	1.1307	.21136

#1	4116.2	56412.	4600.6	102.68	4180.3
#2	4108.8	56212.	4595.7	101.05	4167.8

Sample Name: J6172-01DUP Acquired: 12/6/2018 14:15:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08039	-.00492	.29637	.01377	.00027	45.288	.14333
Stddev	.00157	.00160	.00171	.00266	.00186	.035	.00128
%RSD	1.9564	32.409	.57538	19.327	683.86	.07746	.89451

#1	.07927	-.00380	.29517	.01565	-.00104	45.313	.14424
#2	.08150	-.00605	.29758	.01188	.00159	45.263	.14243

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00138	18.232	.24442	.02490	1.3725	75.203
Stddev	.00008	.00032	.058	.00187	.00029	.0070	2.717
%RSD	4.4412	22.828	.32014	.76488	1.1822	.50946	3.6124

#1	.00196	.00116	18.273	.24574	.02511	1.3775	77.124
#2	.00184	.00161	18.191	.24310	.02469	1.3676	73.282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67369	19.942	.06892	-.00134	14.143	.13467	1.2521
Stddev	.00054	.122	.00019	.00091	.037	.00044	.0464
%RSD	.08060	.61395	.27785	68.151	.26324	.32960	3.7081

#1	.67407	19.856	.06878	-.00069	14.169	.13498	1.2850
#2	.67331	20.029	.06905	-.00199	14.117	.13435	1.2193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4737	.01704	.10579	F 38.674	2.5460	.00168	2.0212
Stddev	.0313	.00003	.00442	.058	.0050	.00002	.0095
%RSD	.33015	.16571	4.1821	.15052	.19670	.90703	.47206

#1	9.4516	.01702	.10892	38.716	2.5495	.00169	2.0145
#2	9.4958	.01706	.10266	38.633	2.5424	.00167	2.0280

Sample Name: J6172-01DUP Acquired: 12/6/2018 14:15:48 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07911	3.611	.04695	4.9090	F<.00000
Stddev	.00062	.011	.00289	.0876	.20481
%RSD	.78686	.2936	6.1526	1.7840	11.035

#1	.07867	3.604	.04490	4.8471	-1.7111
#2	.07955	3.619	.04899	4.9710	-2.0008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.2	56142.	4615.1	100.75	4151.9
Stddev	9.9	68.	16.9	3.97	13.4
%RSD	.24258	.12159	.36690	3.9370	.32333

#1	4082.2	56094.	4603.2	97.941	4142.4
#2	4096.2	56190.	4627.1	103.55	4161.4

Sample Name: J6172-01LX5 Acquired: 12/6/2018 14:19:43 Type: Unk
Method: P4-ICP2(v2634) 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	.01882	-.00295	.06375	.00336	-.00079	9.1010	.03375	.00038
Stddev	.00054	.00020	.00070	.00303	.00114	.0143	.00092	.00002
%RSD	2.8862	6.6132	1.0934	90.089	144.47	.15683	2.7127	4.9548

#1	.01843	-.00281	.06424	.00550	-.00160	9.1111	.03311	.00039
#2	.01920	-.00309	.06325	.00122	.00002	9.0909	.03440	.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	3.8380	.05162	.00480	.30051	14.896	.14262	4.1621
Stddev	.00013	.0263	.00031	.00006	.00130	.232	.00046	.1066
%RSD	101.90	.68522	.61015	1.3297	.43304	1.5590	.32334	2.5618

#1	.00022	3.8566	.05185	.00485	.30143	14.732	.14295	4.2375
#2	.00004	3.8194	.05140	.00476	.29959	15.060	.14230	4.0867

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01318	-.00044	2.7981	.02728	.25607	2.0306	.00306	.00451
Stddev	.00010	.00009	.0038	.00011	.00237	.0558	.00024	.00046
%RSD	.76022	21.134	.13577	.40812	.92533	2.7473	7.9218	10.232

#1	.01325	-.00038	2.7954	.02720	.25439	2.0701	.00289	.00484
#2	.01311	-.00051	2.8008	.02735	.25775	1.9912	.00324	.00419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2471	.55313	-.00278	.41436	.01459	.6970	.01010	5.2547
Stddev	.0102	.01121	.00012	.00516	.00024	.0050	.00026	.0907
%RSD	.12354	2.0273	4.1802	1.2441	1.6353	.7167	2.5438	1.7256

#1	8.2543	.56106	-.00270	.41071	.01442	.7005	.01028	5.3188
#2	8.2399	.54520	-.00287	.41800	.01476	.6935	.00991	5.1906

Sample Name: J6172-01LX5 Acquired: 12/6/2018 14:19:43 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3937
Stddev	.5793
%RSD	24.202

#1	1.9840
#2	2.8033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4042.4	55223.	4395.2	101.49	4394.4
Stddev	19.5	251.	24.5	.91	19.8
%RSD	.48288	.45478	.55833	.89412	.44965

#1	4028.6	55045.	4377.9	102.13	4380.4
#2	4056.2	55400.	4412.6	100.85	4408.3

Sample Name: J6172-01MS Acquired: 12/6/2018 14:23:43 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0097	2.2879	1.5476	2.2792	.28641	60.383	.40792
Stddev	.0021	.0121	.0017	.0057	.00118	.072	.00171
%RSD	.20987	.52647	.10868	.24971	.41302	.11961	.41837

#1	1.0082	2.2965	1.5488	2.2832	.28724	60.331	.40912
#2	1.0112	2.2794	1.5464	2.2752	.28557	60.434	.40671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23196	.22707	17.997	.71235	.26738	2.0254	83.611
Stddev	.00025	.00027	.064	.00030	.00031	.0044	1.475
%RSD	.10924	.12064	.35345	.04188	.11616	.21925	1.7639

#1	.23214	.22727	17.952	.71214	.26760	2.0286	82.569
#2	.23178	.22688	18.042	.71257	.26716	2.0223	84.654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97080	23.937	.65329	.08584	18.204	.47206	1.5908
Stddev	.00175	.071	.00195	.00053	.081	.00172	.0258
%RSD	.18056	.29746	.29818	.61552	.44244	.36388	1.6212

#1	.96956	23.887	.65467	.08547	18.261	.47085	1.5726
#2	.97204	23.988	.65191	.08622	18.147	.47328	1.6091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.567	.44857	.44901	F 48.028	3.7677	.74496	2.6846
Stddev	.054	.00048	.00138	.112	.0188	.00215	.0038
%RSD	.23843	.10651	.30812	.23299	.49816	.28907	.14194

#1	22.605	.44891	.44999	48.107	3.7810	.74344	2.6873
#2	22.529	.44823	.44803	47.949	3.7544	.74649	2.6819

Sample Name: J6172-01MS Acquired: 12/6/2018 14:23:43 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34538	9.801	.30686	5.2863	F<.00000
Stddev	.00038	.023	.00260	.0105	.26792
%RSD	.11099	.2361	.84859	.19871	5.5246

#1	.34511	9.817	.30871	5.2789	-5.0390
#2	.34565	9.785	.30502	5.2937	-4.6601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3997.0	54668.	4471.0	98.777	4037.6
Stddev	8.9	66.	20.6	1.368	13.2
%RSD	.22247	.12048	.46139	1.3853	.32647

#1	3990.7	54715.	4456.4	99.744	4028.3
#2	4003.3	54622.	4485.6	97.809	4046.9

Sample Name: J6172-01MSD Acquired: 12/6/2018 14:27:28 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0153	2.3055	1.5584	2.2906	.28895	60.709	.41312
Stddev	.0040	.0012	.0017	.0113	.00409	.341	.00182
%RSD	.39467	.05328	.10648	.49491	1.4139	.56174	.43996

#1	1.0182	2.3063	1.5573	2.2986	.29184	60.468	.41441
#2	1.0125	2.3046	1.5596	2.2826	.28606	60.950	.41184

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23308	.22900	18.021	.71270	.26964	2.0381	83.908
Stddev	.00148	.00046	.003	.00734	.00030	.0050	.524
%RSD	.63576	.20109	.01400	1.0293	.11225	.24606	.62482

#1	.23203	.22932	18.023	.70751	.26942	2.0416	84.279
#2	.23413	.22867	18.019	.71789	.26985	2.0345	83.537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97351	24.298	.65703	.08648	18.371	.47444	1.5891
Stddev	.00623	.166	.00192	.00042	.137	.00474	.0078
%RSD	.63975	.68330	.29162	.48524	.74561	.99892	.49208

#1	.96911	24.181	.65838	.08619	18.468	.47109	1.5947
#2	.97792	24.416	.65567	.08678	18.274	.47779	1.5836

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.624	.45176	.43623	F 48.339	3.7982	.74887	2.6930
Stddev	.274	.00062	.00767	.130	.0031	.00428	.0002
%RSD	1.2126	.13752	1.7580	.26828	.08020	.57122	.00695

#1	22.818	.45220	.44165	48.431	3.7960	.75189	2.6929
#2	22.430	.45132	.43080	48.247	3.8003	.74584	2.6932

Sample Name: J6172-01MSD Acquired: 12/6/2018 14:27:28 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34526	9.868	.30746	5.2351	F<.00000
Stddev	.00159	.023	.00227	.0851	.66918
%RSD	.46014	.2314	.73670	1.6258	11.501

#1	.34414	9.884	.30906	5.1749	-5.3451
#2	.34639	9.851	.30585	5.2953	-6.2914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3965.9	54665.	4452.0	98.859	3998.9
Stddev	12.4	382.	17.5	.686	6.9
%RSD	.31296	.69837	.39406	.69365	.17346

#1	3957.1	54935.	4439.6	98.374	3994.0
#2	3974.7	54395.	4464.4	99.344	4003.8

Sample Name: J6172-01A Acquired: 12/6/2018 14:31:13 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0178	2.3139	1.5655	2.2988	.29007	61.181	.41086
Stddev	.0027	.0021	.0048	.0121	.00151	.065	.00104
%RSD	.26429	.09141	.30841	.52795	.52199	.10622	.25319

#1	1.0197	2.3124	1.5689	2.3073	.29114	61.135	.41160
#2	1.0159	2.3154	1.5620	2.2902	.28899	61.227	.41013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23408	.22983	18.178	.71418	.27046	2.0390	84.559
Stddev	.00103	.00064	.066	.00493	.00075	.0033	1.936
%RSD	.44002	.27977	.36113	.69060	.27886	.16208	2.2890

#1	.23335	.23028	18.132	.71070	.27100	2.0414	83.190
#2	.23481	.22937	18.224	.71767	.26993	2.0367	85.928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97902	24.048	.65952	.08645	18.292	.47651	1.5971
Stddev	.00174	.113	.00158	.00164	.069	.00094	.0359
%RSD	.17767	.46994	.23934	1.8975	.37934	.19797	2.2458

#1	.97779	23.968	.66064	.08529	18.243	.47718	1.5718
#2	.98025	24.128	.65841	.08761	18.341	.47585	1.6225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.690	.45305	.43775	F 48.390	3.8063	.74857	2.6848
Stddev	.000	.00105	.00466	.006	.0602	.00165	.0055
%RSD	.00047	.23172	1.0646	.01276	1.5811	.22038	.20423

#1	22.690	.45379	.44104	48.394	3.7637	.74974	2.6810
#2	22.690	.45231	.43445	48.385	3.8488	.74741	2.6887

Sample Name: J6172-01A Acquired: 12/6/2018 14:31:13 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180973-B-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34572	9.905	.30809	5.2658	F<.00000
Stddev	.00187	.032	.00013	.0463	.04868
%RSD	.53953	.3241	.04235	.87854	.90654

#1	.34440	9.883	.30819	5.2331	-5.4038
#2	.34704	9.928	.30800	5.2985	-5.3350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3953.6	54496.	4476.4	98.468	3988.9
Stddev	6.4	45.	24.5	2.181	.8
%RSD	.16238	.08167	.54818	2.2147	.01947

#1	3949.1	54527.	4493.8	100.01	3989.4
#2	3958.2	54464.	4459.1	96.926	3988.3

Sample Name: J6208-01 Acquired: 12/6/2018 14:34:58 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10943	-.01412	7.3477	.08468	.03516	206.17	4.2904
Stddev	.00004	.00067	.0353	.00206	.00099	.52	.0236
%RSD	.04007	4.7756	.48086	2.4363	2.8276	.25248	.55091

#1	.10940	-.01364	7.3227	.08614	.03445	205.80	4.3071
#2	.10946	-.01459	7.3727	.08322	.03586	206.54	4.2737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01215	.00959	31.750	.43134	.24403	2.5369	458.96
Stddev	.00006	.00137	.185	.00398	.00235	.0118	6.30
%RSD	.48612	14.336	.58381	.92375	.96299	.46568	1.3738

#1	.01211	.00862	31.881	.42853	.24237	2.5286	463.42
#2	.01219	.01056	31.619	.43416	.24569	2.5453	454.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5418	62.618	1.2694	-.00372	.78468	.54680	5.1915
Stddev	.0568	.324	.0090	.00104	.01116	.00221	.0859
%RSD	.75242	.51782	.70821	27.864	1.4220	.40361	1.6548

#1	7.5017	62.847	1.2631	-.00299	.79257	.54836	5.2523
#2	7.5819	62.389	1.2758	-.00446	.77679	.54524	5.1308

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.486	.01365	.31116	3.1159	2.9837	.55363	3.2626
Stddev	.074	.00021	.00184	.0241	.0184	.00256	.0136
%RSD	.42312	1.5333	.59277	.77469	.61796	.46195	.41554

#1	17.538	.01379	.31246	3.0989	2.9967	.55182	3.2722
#2	17.434	.01350	.30985	3.1330	2.9707	.55544	3.2530

Sample Name: J6208-01 Acquired: 12/6/2018 14:34:58 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26422	9.280	-.28823	2.3693	F<.00000
Stddev	.00230	.066	.00539	.1309	1.7146
%RSD	.87186	.7058	1.8703	5.5233	1.1989

#1	.26259	9.233	-.29204	2.2767	-141.80
#2	.26585	9.326	-.28442	2.4618	-144.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4491.4	61535.	5273.0	96.491	3623.2
Stddev	9.8	49.	47.5	1.645	10.9
%RSD	.21835	.07945	.90101	1.7048	.30136

#1	4498.3	61569.	5239.4	95.328	3631.0
#2	4484.5	61500.	5306.6	97.655	3615.5

Sample Name: J6208-05 Acquired: 12/6/2018 14:38:57 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24036	-.05819	6.9839	.44762	.11721	173.31	2.4277
Stddev	.00392	.00087	.0091	.00698	.00033	.45	.0016
%RSD	1.6328	1.4959	.12985	1.5594	.28308	.25951	.06474

#1	.24314	-.05881	6.9775	.44269	.11697	173.63	2.4266
#2	.23759	-.05758	6.9903	.45256	.11744	172.99	2.4288

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02052	.07468	294.56	1.2055	.44517	5.5407	F 2557.4
Stddev	.00046	.00274	.34	.0054	.00087	.0021	25.8
%RSD	2.2323	3.6703	.11450	.44932	.19602	.03815	1.0069

#1	.02085	.07274	294.80	1.2093	.44579	5.5392	2575.6
#2	.02020	.07662	294.32	1.2017	.44455	5.5422	2539.2

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.361	117.67	2.1651	-.01480	1.6520	.64866	15.113
Stddev	.165	.01	.0005	.00408	.0118	.00035	.336
%RSD	1.0114	.00753	.02432	27.559	.71363	.05344	2.2233

#1	16.478	117.67	2.1648	-.01192	1.6437	.64890	15.351
#2	16.244	117.66	2.1655	-.01768	1.6604	.64841	14.875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.947	.20145	1.7278	F 10.295	2.9428	.96345	4.2917
Stddev	.011	.00071	.0289	.062	.0175	.00197	.0032
%RSD	.05898	.35367	1.6728	.59925	.59591	.20466	.07526

#1	18.939	.20196	1.7482	10.338	2.9304	.96485	4.2940
#2	18.955	.20095	1.7073	10.251	2.9552	.96206	4.2895

Sample Name: J6208-05 Acquired: 12/6/2018 14:38:57 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22851	F 35.68	F -1.9508	<.00000	^ *****
Stddev	.00149	.02	.0294	.04458	-----
%RSD	.65002	.0510	1.5051	1.9216	-----

#1	.22956	35.69	-1.9716	-2.2887	^ -----
#2	.22746	35.67	-1.9301	-2.3517	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.4	52294.	4694.2	74.095	2700.6
Stddev	5.1	275.	15.2	1.720	5.2
%RSD	.13563	.52635	.32407	2.3212	.19187

#1	3747.8	52100.	4683.5	72.879	2696.9
#2	3755.0	52489.	4705.0	75.312	2704.2

Sample Name: CCV03 Acquired: 12/6/2018 14:51:51 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14282 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4239	4.9356	5.1717	5.1694	5.4210	10.736	10.465	.25732
Stddev	.0261	.0299	.0334	.0087	.0289	.123	.084	.00411
%RSD	.48120	.60515	.64555	.16836	.53291	1.1475	.80635	1.5959
#1	5.4055	4.9145	5.1481	5.1633	5.4006	10.649	10.525	.25441
#2	5.4424	4.9568	5.1953	5.1756	5.4415	10.823	10.406	.26022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	26.608	1.0335	2.5270	1.2957	4.7109	2.5893	25.451
Stddev	.0127	.175	.0180	.0134	.0023	.0365	.0364	.189
%RSD	.51697	.65918	1.7423	.53143	.17856	.77519	1.4061	.74173
#1	2.4579	26.732	1.0208	2.5175	1.2941	4.6851	2.5636	25.584
#2	2.4760	26.484	1.0462	2.5364	1.2974	4.7367	2.6151	25.317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4207	1.3597	24.251	2.3646	2.5105	25.902	4.9613	4.9548
Stddev	.0146	.0159	.136	.0387	.0257	.301	.0151	.0210
%RSD	.60115	1.1724	.56050	1.6353	1.0250	1.1632	.30473	.42476
#1	2.4105	1.3484	24.347	2.3373	2.4924	26.115	4.9506	4.9399
#2	2.4310	1.3710	24.154	2.3920	2.5287	25.689	4.9720	4.9697
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8137	5.2199	4.6901	5.0677	5.1651	4.927	F 5.5058	F 6.4317
Stddev	.0193	.0215	.0367	.0061	.0443	.044	.0674	.0733
%RSD	.40033	.41243	.78137	.12028	.85793	.8962	1.2234	1.1403
#1	4.8001	5.2351	4.6642	5.0720	5.1965	4.895	5.5534	6.3799
#2	4.8273	5.2047	4.7160	5.0634	5.1338	4.958	5.4581	6.4836

Sample Name: CCV03 Acquired: 12/6/2018 14:51:51 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14282 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4554
Stddev	.0364
%RSD	2.4994

#1	1.4297
#2	1.4812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.5	50060.	4135.9	94.481	3791.5
Stddev	.2	391.	30.8	.708	9.6
%RSD	.00497	.78196	.74478	.74968	.25380

#1	3685.3	50337.	4114.1	94.982	3798.3
#2	3685.6	49784.	4157.7	93.981	3784.7

Sample Name: CCB03 Acquired: 12/6/2018 15:03:42 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14282 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00257	.00387	.00011	-.00099	.00947	.00713	.00005
Stddev	.00117	.00062	.00058	.00264	.00027	.00585	.00091	.00009
%RSD	59.976	24.140	15.039	2337.3	26.972	61.787	12.706	182.64

#1	-.00278	-.00214	.00346	.00198	-.00080	.01361	.00777	.00011
#2	-.00112	-.00301	.00428	-.00176	-.00118	.00533	.00649	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00108	-.00006	.00033	-.00062	.01376	.00012	-.01225
Stddev	.00002	.00863	.00006	.00021	.00007	.01488	.00002	.03454
%RSD	35.299	802.70	100.85	63.239	11.732	108.14	19.852	282.00

#1	-.00007	.00503	-.00002	.00048	-.00067	.02427	.00011	-.03668
#2	-.00004	-.00718	-.00010	.00018	-.00057	.00324	.00014	.01218

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00070	-.21277	-.00029	-.00025	.04908	-.00020	.01046
Stddev	.00075	.00042	.00354	.00001	.00004	.00381	.00018	.00596
%RSD	225.16	60.072	1.6632	4.1708	15.228	7.7628	90.036	56.998

#1	.00020	.00100	-.21027	-.00028	-.00022	.05177	-.00033	.00625
#2	-.00086	.00040	-.21527	-.00030	-.00028	.04638	-.00007	.01468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	.01289	-.00205	.00416	-.00095	-.0063	-.00037	F 5.9376
Stddev	.00752	.00152	.00025	.00033	.00127	.0013	.00011	.0002
%RSD	271.72	11.759	12.117	7.9357	134.25	20.09	28.743	.00326

#1	.00809	.01396	-.00187	.00392	-.00005	-.0054	-.00044	5.9375
#2	-.00255	.01182	-.00222	.00439	-.00185	-.0072	-.00029	5.9377

Sample Name: CCB03 Acquired: 12/6/2018 15:03:42 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14282 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .34697
Stddev	.12090
%RSD	34.846

#1	.26148
#2	.43246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3861.1	52603.	4135.9	97.388	4374.7
Stddev	13.7	637.	34.9	1.114	20.7
%RSD	.35442	1.2102	.84279	1.1436	.47318

#1	3870.8	52153.	4160.6	98.175	4389.4
#2	3851.4	53053.	4111.3	96.600	4360.1

Sample Name: J6208-09 Acquired: 12/6/2018 15:23:51 Type: Unk
Method: P4-ICP2(v2634) 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	.08170	-.01109	3.5878	.09999	.02186	145.40	1.6888
Stddev	.00316	.00170	.0167	.00537	.00030	.89	.0139
%RSD	3.8636	15.301	.46509	5.3695	1.3743	.61186	.82547

#1	.07946	-.00989	3.5760	.10379	.02207	144.78	1.6987
#2	.08393	-.01229	3.5996	.09619	.02165	146.03	1.6790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	.00971	66.162	.44968	.21869	1.2546	559.04
Stddev	.00002	.00146	.451	.00071	.00176	.0039	10.88
%RSD	.21194	15.075	.68145	.15735	.80360	.30936	1.9453

#1	.01067	.00867	66.481	.45018	.21745	1.2518	566.73
#2	.01070	.01074	65.843	.44918	.21993	1.2573	551.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1125	64.798	1.0577	-.00709	.95326	.40548	5.7802
Stddev	.0136	.167	.0083	.00155	.00626	.00035	.1387
%RSD	.16752	.25752	.78958	21.933	.65707	.08551	2.3993

#1	8.1221	64.916	1.0518	-.00599	.95768	.40573	5.8783
#2	8.1029	64.680	1.0636	-.00819	.94883	.40524	5.6821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.129	.12020	.31894	2.2379	3.4909	.25205	3.8342
Stddev	.131	.00105	.01763	.0114	.0432	.00046	.0319
%RSD	.76546	.87315	5.5290	.51025	1.2371	.18357	.83208

#1	17.222	.11946	.33141	2.2298	3.5214	.25172	3.8568
#2	17.036	.12095	.30647	2.2459	3.4604	.25238	3.8117

Sample Name: J6208-09 Acquired: 12/6/2018 15:23:51 Type: Unk
 Method: P4-ICP2(v2634) 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	.19558	8.057	-.32302	3.6477	F<.00000
Stddev	.00024	.083	.00938	.0076	1.5900
%RSD	.12255	1.032	2.9030	.20965	.85773

#1	.19575	7.998	-.32965	3.6423	-186.50
#2	.19541	8.116	-.31639	3.6531	-184.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3946.2	54422.	4569.0	88.734	3472.2
Stddev	1.3	69.	46.8	2.200	12.3
%RSD	.03418	.12587	1.0244	2.4795	.35335

#1	3947.1	54374.	4535.9	87.179	3480.9
#2	3945.2	54470.	4602.1	90.290	3463.5

Sample Name: J6208-13 Acquired: 12/6/2018 15:27:53 Type: Unk
Method: P4-ICP2(v2634) 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	.14482	-.01791	5.9305	.23917	.05998	181.37	3.2333	.01483
Stddev	.00674	.00225	.0214	.00516	.00127	.16	.0177	.00023
%RSD	4.6515	12.590	.36046	2.1589	2.1094	.08617	.54709	1.5626
#1	.14958	-.01631	5.9456	.23552	.06088	181.48	3.2459	.01467
#2	.14005	-.01950	5.9154	.24282	.05909	181.26	3.2208	.01500
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01977	157.10	.70325	.28795	4.0916	F 1352.5	11.052	85.480
Stddev	.00081	.78	.00408	.00185	.0147	4.2	.056	.029
%RSD	4.0980	.49703	.58086	.64139	.35994	.31194	.50519	.03451
#1	.02035	156.55	.70036	.28926	4.1020	1355.5	11.013	85.501
#2	.01920	157.65	.70614	.28665	4.0811	1349.5	11.092	85.460
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3854	-.00292	1.2224	.51373	9.1321	18.316	.06718	.88977
Stddev	.0090	.00022	.0039	.00045	.0181	.060	.00058	.00354
%RSD	.65217	7.5860	.31833	.08826	.19829	.32532	.85964	.39759
#1	1.3918	-.00276	1.2196	.51341	9.1449	18.358	.06678	.88727
#2	1.3790	-.00307	1.2251	.51405	9.1193	18.274	.06759	.89227
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0897	3.4858	.90126	3.8637	.24238	F 14.30	-.95331	1.5364
Stddev	.0550	.0174	.00571	.0276	.00067	.07	.00585	.0691
%RSD	.77549	.49992	.63358	.71411	.27515	.4571	.61337	4.4945
#1	7.1286	3.4735	.90530	3.8832	.24285	14.35	-.95744	1.4875
#2	7.0509	3.4982	.89722	3.8442	.24190	14.25	-.94917	1.5852

Sample Name: J6208-13 Acquired: 12/6/2018 15:27:53 Type: Unk
Method: P4-ICP2(v2634) 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 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.8	52538.	4532.0	78.341	3036.2
Stddev	15.3	84.	5.1	.196	17.3
%RSD	.40090	.16005	.11312	.25046	.56916
#1	3808.0	52597.	4535.6	78.202	3024.0
#2	3829.7	52478.	4528.4	78.479	3048.4

Sample Name: J6208-17 Acquired: 12/6/2018 15:31:53 Type: Unk
Method: P4-ICP2(v2634) 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	.32943	-.05150	18.656	.41998	.13096	130.23	8.9491
Stddev	.00970	.00563	.037	.02817	.00395	.59	.0122
%RSD	2.9458	10.936	.19959	6.7070	3.0165	.45217	.13625

#1	.32257	-.05549	18.682	.40007	.12816	129.82	8.9577
#2	.33629	-.04752	18.630	.43990	.13375	130.65	8.9405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02081	.12255	465.50	1.3611	.40027	6.7346	F 2454.8
Stddev	.00055	.00740	2.98	.0118	.00177	.0039	66.8
%RSD	2.6575	6.0347	.64019	.86509	.44339	.05827	2.7207

#1	.02120	.12778	467.61	1.3528	.40153	6.7374	2407.5
#2	.02042	.11732	463.39	1.3695	.39902	6.7318	2502.0

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.540	184.10	1.9667	-.02198	2.0951	.69369	24.414
Stddev	.124	.00	.0012	.00734	.0066	.00411	.691
%RSD	.91407	.00205	.06266	33.405	.31513	.59247	2.8299

#1	13.452	184.11	1.9676	-.02717	2.0905	.69078	23.926
#2	13.627	184.10	1.9658	-.01679	2.0998	.69660	24.903

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.325	.19497	1.5090	F 18.857	4.8694	2.0431	3.2085
Stddev	.018	.00035	.0878	.027	.0098	.0032	.0170
%RSD	.13621	.17753	5.8158	.14499	.20061	.15591	.52978

#1	13.338	.19473	1.4470	18.838	4.8625	2.0408	3.1965
#2	13.312	.19521	1.5711	18.876	4.8763	2.0453	3.2205

Sample Name: J6208-17 Acquired: 12/6/2018 15:31:53 Type: Unk
 Method: P4-ICP2(v2634) 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	.22266	F 20.84	F -1.2649	<.00000	^ *****
Stddev	.00084	.04	.0811	.14280	-----
%RSD	.37816	.1982	6.4099	21.468	-----
#1	.22207	20.87	-1.2076	-.76613	^ -----
#2	.22326	20.81	-1.3222	-.56418	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.3	47552.	4234.6	70.153	2532.8
Stddev	4.8	310.	4.2	2.032	3.3
%RSD	.13985	.65118	.09932	2.8964	.13080
#1	3400.7	47771.	4231.6	71.590	2530.5
#2	3394.0	47333.	4237.6	68.716	2535.2

Sample Name: J6208-21 Acquired: 12/6/2018 15:35:53 Type: Unk
Method: P4-ICP2(v2634) 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	.16014	-.01307	7.1742	.08916	.03279	146.54	2.9921
Stddev	.00760	.00108	.0063	.00284	.00356	.49	.0029
%RSD	4.7430	8.2409	.08783	3.1828	10.863	.33664	.09751

#1	.15477	-.01230	7.1787	.09117	.03027	146.19	2.9900
#2	.16551	-.01383	7.1697	.08715	.03531	146.89	2.9941

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00966	.01742	106.43	.42720	.17932	2.6057	489.33
Stddev	.00017	.00155	.56	.00124	.00015	.0046	16.38
%RSD	1.7497	8.9073	.52269	.28925	.08496	.17580	3.3473

#1	.00954	.01632	106.04	.42633	.17921	2.6024	500.91
#2	.00978	.01852	106.83	.42808	.17943	2.6089	477.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8590	76.605	.88236	-.00267	1.2239	.49365	15.615
Stddev	.0057	.235	.00128	.00247	.0162	.00044	.500
%RSD	.08353	.30723	.14458	92.627	1.3220	.08939	3.2037

#1	6.8630	76.438	.88326	-.00092	1.2125	.49396	15.969
#2	6.8549	76.771	.88146	-.00442	1.2354	.49334	15.261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.822	.01656	.31151	4.2090	2.3176	.55808	3.7099
Stddev	.044	.00002	.02931	.0022	.0189	.00026	.0172
%RSD	.27663	.12870	9.4081	.05278	.81732	.04597	.46341

#1	15.791	.01655	.33223	4.2106	2.3042	.55826	3.7220
#2	15.852	.01658	.29078	4.2075	2.3310	.55790	3.6977

Sample Name: J6208-21 Acquired: 12/6/2018 15:35:53 Type: Unk
 Method: P4-ICP2(v2634) 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	.23401	9.804	.00129	3.9823	F<.00000
Stddev	.00134	.048	.02022	.0248	.55624
%RSD	.57452	.4924	1564.6	.62138	.37121

#1	.23306	9.770	-.01300	3.9648	-150.24
#2	.23496	9.838	.01559	3.9998	-149.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.1	54460.	4594.7	87.347	3419.6
Stddev	5.9	194.	12.7	2.898	10.1
%RSD	.14923	.35624	.27638	3.3176	.29417

#1	3931.0	54597.	4603.7	85.298	3412.5
#2	3939.3	54323.	4585.7	89.396	3426.7

Sample Name: J6172-01DLX10 Acquired: 12/6/2018 15:39:55 Type: Unk
Method: P4-ICP2(v2634) 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	.00858	-.00225	.04749	-.00136	-.00036	5.1182	.02201	.00025
Stddev	.00084	.00007	.00032	.00419	.00222	.0291	.00018	.00004
%RSD	9.7412	2.9554	.68033	308.75	610.13	.56958	.83690	14.758

#1	.00918	-.00230	.04772	.00161	.00121	5.1388	.02188	.00022
#2	.00799	-.00221	.04726	-.00432	-.00193	5.0976	.02214	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	2.2175	.02936	.00272	.17616	8.2723	.08069	2.4184
Stddev	.00002	.0234	.00001	.00022	.00008	.0021	.00041	.0330
%RSD	16.736	1.0559	.01711	8.2030	.04760	.02511	.50520	1.3659

#1	.00013	2.2009	.02935	.00287	.17610	8.2709	.08098	2.3950
#2	.00016	2.2341	.02936	.00256	.17622	8.2738	.08040	2.4417

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00679	.00012	1.4328	.01485	.14868	1.1261	.00150	.01576
Stddev	.00005	.00032	.0132	.00043	.00092	.0143	.00032	.01618
%RSD	.71421	264.22	.92252	2.9013	.61797	1.2651	21.267	102.67

#1	.00683	-.00010	1.4234	.01454	.14933	1.1161	.00172	.00432
#2	.00676	.00034	1.4421	.01515	.14803	1.1362	.00127	.02719

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6454	.31938	-.00135	.23725	.00979	.3854	.00597	6.1999
Stddev	.0233	.00110	.00038	.00351	.00062	.0029	.00013	.0600
%RSD	.50103	.34429	27.942	1.4776	6.3751	.7434	2.1682	.96820

#1	4.6619	.31860	-.00109	.23973	.01023	.3875	.00607	6.1575
#2	4.6289	.32015	-.00162	.23478	.00935	.3834	.00588	6.2423

Sample Name: J6172-01DLX10 Acquired: 12/6/2018 15:39:55 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3759
 Stddev .2490
 %RSD 18.095

#1 1.5520
 #2 1.1999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.8	51494.	4059.8	94.504	4166.8
Stddev	22.5	125.	28.1	.395	26.9
%RSD	.60100	.24285	.69297	.41776	.64567

#1	3732.9	51406.	4079.7	94.225	4147.7
#2	3764.7	51583.	4039.9	94.783	4185.8

Sample Name: J6172-01DUPDLX10 Acquired: 12/6/2018 15:43:57 Type: Unk
Method: P4-ICP2(v2634) 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	.00916	-.00201	.04455	.00284	.00009	5.1055	.02287	.00035
Stddev	.00069	.00057	.00029	.00392	.00264	.0326	.00068	.00004
%RSD	7.5816	28.446	.64782	137.79	3098.2	.63835	2.9891	10.982

#1	.00965	-.00161	.04475	.00561	-.00178	5.1285	.02335	.00033
#2	.00867	-.00241	.04435	.00007	.00195	5.0824	.02239	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	2.2139	.02983	.00276	.17490	8.1519	.08022	2.4200
Stddev	.00013	.0427	.00074	.00034	.00017	.0712	.00182	.0206
%RSD	132.72	1.9270	2.4801	12.237	.09997	.87385	2.2718	.85205

#1	.00001	2.1838	.03035	.00252	.17502	8.2023	.08150	2.4055
#2	.00019	2.2441	.02931	.00299	.17478	8.1015	.07893	2.4346

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	.00100	1.4218	.01501	.14392	1.0791	.00118	.00394
Stddev	.00010	.00030	.0051	.00011	.00226	.0079	.00016	.00513
%RSD	1.6364	29.418	.35862	.71016	1.5735	.73180	13.734	130.19

#1	.00591	.00121	1.4182	.01493	.14552	1.0847	.00106	.00031
#2	.00605	.00080	1.4254	.01508	.14232	1.0735	.00129	.00757

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6370	.31651	-.00131	.23342	.00952	.3872	.00608	6.2255
Stddev	.0151	.00595	.00016	.00015	.00025	.0008	.00005	.0739
%RSD	.32548	1.8809	12.310	.06295	2.6127	.1941	.74300	1.1867

#1	4.6477	.32072	-.00142	.23331	.00969	.3867	.00611	6.2778
#2	4.6264	.31230	-.00120	.23352	.00934	.3877	.00605	6.1733

Sample Name: J6172-01DUPDLX10 Acquired: 12/6/2018 15:43:57 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4642
Stddev	.3129
%RSD	21.370

#1	1.6854
#2	1.2429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.6	51785.	4077.7	96.142	4158.3
Stddev	18.3	650.	3.7	1.509	15.1
%RSD	.48736	1.2559	.09143	1.5690	.36351

#1	3735.7	51325.	4075.1	95.075	4147.6
#2	3761.5	52245.	4080.3	97.208	4169.0

Sample Name: J6172-01LDLX50 Acquired: 12/6/2018 15:47:58 Type: Unk
Method: P4-ICP2(v2634) 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	-.00307	.01607	-.00120	-.00173	1.0159	.01060	.00006
Stddev	.00311	.00008	.00048	.00064	.00069	.0169	.00088	.00000
%RSD	156.94	2.5983	3.0166	53.524	39.740	1.6603	8.2873	2.3961

#1	-.00022	-.00313	.01641	-.00074	-.00125	1.0278	.00998	.00006
#2	.00419	-.00301	.01573	-.00165	-.00222	1.0040	.01122	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.45030	.00594	.00067	.03480	1.5957	.01629	.45541
Stddev	.00015	.01651	.00049	.00000	.00100	.0264	.00007	.03099
%RSD	602.64	3.6665	8.3042	.19664	2.8852	1.6523	.45907	6.8058

#1	-.00013	.46197	.00559	.00068	.03551	1.5771	.01634	.43349
#2	.00008	.43862	.00629	.00067	.03409	1.6144	.01624	.47733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00033	.08936	.00303	.02885	.20680	.00003	.00450
Stddev	.00043	.00018	.00166	.00032	.00063	.00026	.00044	.00719
%RSD	72.696	54.558	1.8604	10.509	2.1796	.12801	1324.1	159.80

#1	.00089	-.00046	.08819	.00326	.02840	.20661	.00034	-.00058
#2	.00029	-.00021	.09054	.00281	.02929	.20699	-.00028	.00958

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98472	.07530	-.00317	.05154	.00108	.0700	.00094	6.2615
Stddev	.00268	.00320	.00052	.00373	.00053	.0021	.00016	.1436
%RSD	.27251	4.2542	16.317	7.2424	49.175	2.960	17.390	2.2938

#1	.98282	.07756	-.00353	.04890	.00070	.0686	.00083	6.1599
#2	.98662	.07303	-.00280	.05418	.00146	.0715	.00106	6.3630

Sample Name: J6172-01LDLX50 Acquired: 12/6/2018 15:47:58 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .12769
Stddev .31870
%RSD 249.58

#1 -.09766
#2 .35304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.9	51284.	3991.8	94.992	4196.0
Stddev	8.3	31.	42.4	1.685	.9
%RSD	.22178	.06122	1.0619	1.7741	.02211

#1	3727.0	51306.	4021.7	96.183	4195.4
#2	3738.7	51262.	3961.8	93.800	4196.7

Sample Name: J6172-01MSDLX10 Acquired: 12/6/2018 15:52:03 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11168	.25003	.17545	.25547	.03160	6.5534	.05143	.02627	.02404
Stddev	.00087	.00247	.00008	.00153	.00150	.0329	.00015	.00003	.00007
%RSD	.77812	.98846	.04672	.59994	4.7440	.50167	.29861	.12330	.29671

#1	.11106	.25178	.17550	.25438	.03266	6.5302	.05132	.02629	.02399
#2	.11229	.24828	.17539	.25655	.03054	6.5767	.05154	.02624	.02409

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0966	.08168	.02840	.23708	8.8125	.11312	2.7196	.06716	.00995
Stddev	.0269	.00036	.00008	.00060	.0654	.00050	.0461	.00000	.00023
%RSD	1.2848	.44164	.27718	.25222	.74172	.44403	1.6967	.00028	2.3512

#1	2.0776	.08194	.02846	.23665	8.7663	.11348	2.6869	.06716	.00978
#2	2.1157	.08143	.02835	.23750	8.8587	.11277	2.7522	.06716	.01011

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	1.8204	.05129	.17749	2.5084	.04823	.03030	5.6544	.44246	.07469
Stddev	.0080	.00070	.00086	.0477	.00015	.01004	.0030	.00018	.00030
%RSD	.44173	1.3677	.48185	1.9029	.31335	33.147	.05270	.04153	.40033

#1	1.8261	.05178	.17689	2.5422	.04813	.02320	5.6565	.44233	.07448
#2	1.8147	.05079	.17810	2.4747	.04834	.03740	5.6523	.44259	.07490

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29490	.03907	1.011	.03525	6.2653	1.0954
Stddev	.00395	.00061	.004	.00013	.0694	.1140
%RSD	1.3403	1.5493	.3624	.37035	1.1079	10.404

#1	.29770	.03949	1.013	.03516	6.3144	1.1760
#2	.29211	.03864	1.008	.03535	6.2163	1.0148

Sample Name: J6172-01MSDLX10 Acquired: 12/6/2018 15:52:03 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.0	51228.	4025.3	95.342	4122.0
Stddev	19.4	152.	21.6	.165	14.6
%RSD	.51935	.29726	.53602	.17305	.35321
#1	3718.3	51120.	4010.1	95.458	4111.7
#2	3745.7	51335.	4040.6	95.225	4132.3

Sample Name: J6172-01MSDDLX10 Acquired: 12/6/2018 15:56:03 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11152	.24897	.17434	.25608	.03058	6.5311	.05214	.02616	.02393
Stddev	.00098	.00179	.00032	.00068	.00048	.0124	.00092	.00001	.00002
%RSD	.87967	.71850	.18509	.26622	1.5830	.18963	1.7617	.04059	.08939

#1	.11222	.24770	.17457	.25560	.03092	6.5223	.05149	.02617	.02392
#2	.11083	.25023	.17411	.25656	.03024	6.5398	.05278	.02616	.02395

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0551	.08133	.02821	.23606	8.8378	.11201	2.7343	.06674	.01045
Stddev	.0136	.00023	.00021	.00136	.2294	.00004	.0865	.00021	.00017
%RSD	.65965	.28719	.75277	.57745	2.5954	.03958	3.1630	.31619	1.6114

#1	2.0456	.08149	.02806	.23702	8.6756	.11205	2.6731	.06689	.01057
#2	2.0647	.08116	.02836	.23509	9.0000	.11198	2.7954	.06659	.01033

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	1.7988	.05085	.17847	2.4860	.04830	.04705	5.6189	.43967	.07502
Stddev	.0284	.00012	.00445	.0315	.00004	.01300	.0015	.00565	.00026
%RSD	1.5775	.22887	2.4918	1.2664	.09227	27.629	.02678	1.2860	.34603

#1	1.7787	.05077	.17533	2.5082	.04827	.05624	5.6179	.43567	.07521
#2	1.8188	.05093	.18162	2.4637	.04833	.03786	5.6200	.44367	.07484

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29415	.03583	1.004	.03495	6.3351	.81042
Stddev	.00197	.00045	.001	.00027	.0271	.32228
%RSD	.67035	1.2653	.0602	.76996	.42774	39.768

#1	.29275	.03551	1.005	.03476	6.3160	.58253
#2	.29554	.03615	1.004	.03514	6.3543	1.0383

Sample Name: J6172-01MSDDLX10 Acquired: 12/6/2018 15:56:03 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3734.1	51337.	4029.4	94.746	4130.9
Stddev	5.2	11.	67.4	2.434	7.5
%RSD	.13927	.02069	1.6729	2.5686	.18223
#1	3737.8	51330.	4077.1	96.467	4136.3
#2	3730.4	51345.	3981.8	93.025	4125.6

Sample Name: J6172-01ADLX10 Acquired: 12/6/2018 16:00:03 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11071	.24795	.17217	.25430	.03200	6.3959	.05122	.02602	.02376
Stddev	.00095	.00058	.00063	.00304	.00002	.0872	.00013	.00033	.00004
%RSD	.85976	.23496	.36759	1.1964	.04884	1.3632	.25350	1.2759	.17429
#1	.11139	.24754	.17172	.25215	.03199	6.3342	.05131	.02578	.02373
#2	.11004	.24836	.17262	.25645	.03202	6.4575	.05113	.02625	.02378
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0353	.08101	.02818	.23540	8.8433	.11189	2.7199	.06721	.01029
Stddev	.0004	.00060	.00060	.00240	.1353	.00067	.0032	.00024	.00039
%RSD	.01926	.74048	2.1348	1.0212	1.5301	.59493	.11615	.36079	3.8174
#1	2.0356	.08059	.02776	.23370	8.7476	.11142	2.7221	.06704	.01056
#2	2.0350	.08143	.02861	.23710	8.9389	.11236	2.7177	.06738	.01001
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	1.7994	.05117	.17991	2.4555	.04824	.04094	5.6208	.45619	.07386
Stddev	.0074	.00046	.00255	.0014	.00025	.00192	.0334	.00838	.00035
%RSD	.41108	.90462	1.4170	.05742	.52259	4.6772	.59467	1.8371	.47816
#1	1.8046	.05085	.17811	2.4545	.04842	.04230	5.5971	.46211	.07411
#2	1.7941	.05150	.18171	2.4565	.04806	.03959	5.6444	.45026	.07361
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.29761	.03755	.9962	.03458	6.1129	1.3555			
Stddev	.00274	.00014	.0053	.00006	.0688	.0746			
%RSD	.91902	.37317	.5364	.17595	1.1256	5.5060			
#1	.29568	.03764	.9924	.03462	6.0643	1.4083			
#2	.29955	.03745	1.0000	.03453	6.1616	1.3027			

Sample Name: J6172-01ADLX10 Acquired: 12/6/2018 16:00:03 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.9	51606.	4009.5	93.650	4123.1
Stddev	4.1	265.	11.1	.919	1.3
%RSD	.10890	.51351	.27696	.98157	.03194
#1	3728.0	51793.	4017.4	94.300	4124.0
#2	3733.8	51419.	4001.7	93.000	4122.1

Sample Name: CCV04 Acquired: 12/6/2018 16:07:53 Type: Unk
Method: P4-ICP2(v2634) 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	5.3621	4.8267	5.1114	5.0492	5.3285	10.320	10.294	.25056
Stddev	.0027	.0025	.0054	.0094	.0111	.131	.112	.00089
%RSD	.05082	.05267	.10609	.18524	.20755	1.2663	1.0835	.35330
#1	5.3640	4.8285	5.1076	5.0426	5.3364	10.227	10.373	.25118
#2	5.3601	4.8249	5.1153	5.0558	5.3207	10.412	10.215	.24993
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4273	26.492	1.0081	2.4929	1.2767	4.6369	2.5289	25.268
Stddev	.0000	.051	.0052	.0021	.0003	.0883	.0048	.205
%RSD	.00126	.19427	.51784	.08219	.02091	1.9050	.18861	.81309
#1	2.4272	26.455	1.0118	2.4944	1.2765	4.6994	2.5322	25.122
#2	2.4273	26.528	1.0044	2.4915	1.2768	4.5744	2.5255	25.413
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3718	1.3295	23.792	2.2755	2.5298	25.504	4.8370	4.8347
Stddev	.0021	.0044	.254	.0046	.0841	.215	.0030	.0077
%RSD	.08732	.32818	1.0694	.20346	3.3250	.84104	.06267	.16017
#1	2.3732	1.3326	23.972	2.2788	2.5892	25.656	4.8391	4.8292
#2	2.3703	1.3264	23.612	2.2722	2.4703	25.353	4.8348	4.8402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6739	5.1930	4.5566	4.9588	5.0852	4.804	5.4422	F 6.8428
Stddev	.0066	.0616	.0050	.0186	.0521	.006	.0560	.0240
%RSD	.14026	1.1870	.11083	.37412	1.0241	.1233	1.0282	.35147
#1	4.6785	5.2365	4.5530	4.9457	5.1220	4.808	5.4818	6.8598
#2	4.6692	5.1494	4.5602	4.9719	5.0484	4.800	5.4026	6.8258

Sample Name: CCV04 Acquired: 12/6/2018 16:07:53 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8705
Stddev .1338
%RSD 7.1502

#1 1.7759
#2 1.9651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.1	48604.	3927.4	89.452	3651.6
Stddev	6.9	136.	56.9	3.036	7.2
%RSD	.19551	.28030	1.4479	3.3938	.19810

#1	3530.2	48507.	3887.1	87.305	3646.5
#2	3539.9	48700.	3967.6	91.598	3656.7

Sample Name: CCB04 Acquired: 12/6/2018 16:11:37 Type: Unk
Method: P4-ICP2(v2634) 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	-.00046	-.00168	.00591	-.00007	.00017	-.00110	.00763	.00000
Stddev	.00088	.00131	.00021	.00066	.00079	.00211	.00082	.00009
%RSD	190.04	78.076	3.6041	980.85	457.17	192.72	10.787	1973.1
#1	-.00108	-.00075	.00576	.00040	-.00039	-.00259	.00705	-.00006
#2	.00016	-.00261	.00606	-.00053	.00073	.00040	.00821	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00749	.00002	-.00008	-.00084	.00298	.00011	-.01350
Stddev	.00009	.01636	.00015	.00026	.00040	.00613	.00001	.03072
%RSD	648.46	218.37	760.13	330.21	48.148	205.91	10.776	227.53
#1	-.00008	-.00408	.00012	.00011	-.00113	.00731	.00010	-.03523
#2	.00005	.01907	-.00009	-.00026	-.00055	-.00136	.00011	.00822
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	.00054	-.20346	-.00008	-.00022	-.00647	-.00014	.00636
Stddev	.00047	.00014	.01510	.00058	.00006	.01503	.00025	.00016
%RSD	34.976	25.120	7.4208	749.99	29.240	232.46	175.11	2.5914
#1	-.00100	.00045	-.21413	-.00049	-.00018	.00416	.00003	.00625
#2	-.00166	.00064	-.19278	.00033	-.00027	-.01709	-.00032	.00648
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	.01573	-.00135	.00290	.00110	-.0056	-.00035	F 6.3776
Stddev	.00299	.00192	.00038	.00207	.00263	.0013	.00008	.0878
%RSD	131.01	12.210	28.224	71.456	238.47	22.33	21.991	1.3760
#1	.00439	.01437	-.00162	.00143	-.00076	-.0065	-.00041	6.4396
#2	.00017	.01708	-.00108	.00436	.00296	-.0047	-.00030	6.3155

Sample Name: CCB04 Acquired: 12/6/2018 16:11:37 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .41053
Stddev .28934
%RSD 70.480

#1 .20594
#2 .61513

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.3	50916.	3949.6	94.588	4192.5
Stddev	6.9	358.	11.3	.678	8.8
%RSD	.18717	.70325	.28588	.71642	.20886

#1	3685.4	50663.	3957.6	95.067	4186.3
#2	3695.2	51169.	3941.6	94.108	4198.6

Sample Name: J6208-05DLX10 Acquired: 12/6/2018 16:23:33 Type: Unk
Method: P4-ICP2(v2634) 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	.02166	-.00520	.68026	.03517	.01187	18.361	.29000
Stddev	.00083	.00170	.00156	.00303	.00028	.219	.00120
%RSD	3.8487	32.716	.22904	8.6220	2.3286	1.1924	.41308

#1	.02107	-.00400	.68136	.03732	.01207	18.206	.29085
#2	.02225	-.00640	.67916	.03303	.01168	18.516	.28916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	.00128	37.693	.15676	.04070	.75251	243.98
Stddev	.00007	.00055	.219	.00210	.00027	.00029	6.14
%RSD	4.0621	42.904	.58131	1.3427	.65657	.03824	2.5177

#1	.00169	.00089	37.848	.15527	.04051	.75230	248.33
#2	.00179	.00167	37.538	.15824	.04089	.75271	239.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2072	15.005	.19096	-.00760	-.01439	.07636	1.5311
Stddev	.0189	.153	.00121	.00093	.00630	.00147	.0528
%RSD	.85817	1.0181	.63386	12.236	43.780	1.9237	3.4460

#1	2.1938	15.113	.19182	-.00694	-.01885	.07533	1.5684
#2	2.2206	14.897	.19011	-.00826	-.00994	.07740	1.4937

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1736	.02369	.08823	.97168	.38760	.08687	.51651
Stddev	.0301	.00045	.00617	.00557	.00097	.00012	.00437
%RSD	1.3835	1.8946	6.9922	.57320	.25150	.13540	.84684

#1	2.1949	.02400	.08387	.96774	.38829	.08679	.51960
#2	2.1524	.02337	.09259	.97562	.38691	.08695	.51342

Sample Name: J6208-05DLX10 Acquired: 12/6/2018 16:23:33 Type: Unk
 Method: P4-ICP2(v2634) 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	.02540	3.131	-.16476	5.8762	F<.00000
Stddev	.00077	.007	.00567	.0661	.77541
%RSD	3.0137	.2391	3.4396	1.1251	1.4428

#1	.02594	3.136	-.16876	5.8294	-53.197
#2	.02486	3.125	-.16075	5.9229	-54.293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.3	49796.	4019.6	92.479	3767.5
Stddev	.3	444.	24.7	3.043	8.5
%RSD	.00729	.89107	.61466	3.2905	.22587

#1	3649.5	50110.	4002.1	90.328	3761.5
#2	3649.1	49483.	4037.0	94.631	3773.5

Sample Name: J6208-13DLX10 Acquired: 12/6/2018 16:27:27 Type: Unk
Method: P4-ICP2(v2634) 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	.01278	-.00293	.58278	.02043	.00551	19.185	.37141
Stddev	.00089	.00026	.01039	.00428	.00138	.081	.00164
%RSD	6.9782	8.9676	1.7831	20.933	25.085	.42306	.44266

#1	.01215	-.00275	.59012	.01741	.00648	19.242	.37025
#2	.01341	-.00312	.57543	.02346	.00453	19.127	.37258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00000	18.891	.08541	.02683	.52243	127.03
Stddev	.00003	.00063	.088	.00090	.00078	.00962	3.62
%RSD	2.2305	14409.	.46502	1.0480	2.9242	1.8421	2.8489

#1	.00138	.00045	18.829	.08604	.02739	.52924	124.47
#2	.00134	-.00044	18.953	.08477	.02628	.51563	129.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3707	10.350	.12397	-.00308	-.08055	.05824	.90899
Stddev	.0010	.129	.00083	.00017	.00319	.00052	.02664
%RSD	.07403	1.2436	.67331	5.4164	3.9615	.89441	2.9303

#1	1.3700	10.259	.12456	-.00297	-.07829	.05860	.89016
#2	1.3714	10.441	.12338	-.00320	-.08281	.05787	.92783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0362	.00698	.04780	.70184	.43342	.08212	.45123
Stddev	.0008	.00065	.01280	.01087	.00117	.00003	.00085
%RSD	.03824	9.2700	26.790	1.5486	.27035	.03452	.18788

#1	2.0356	.00744	.03874	.70952	.43425	.08214	.45183
#2	2.0367	.00652	.05685	.69415	.43259	.08210	.45063

Sample Name: J6208-13DLX10 Acquired: 12/6/2018 16:27:27 Type: Unk
 Method: P4-ICP2(v2634) 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	.02624	1.279	-.07784	6.1125	F<.00000
Stddev	.00218	.011	.00386	.0724	.34390
%RSD	8.2967	.8948	4.9530	1.1851	2.8246

#1	.02470	1.287	-.07512	6.0613	-12.418
#2	.02778	1.271	-.08057	6.1637	-11.932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.4	50744.	4052.1	91.711	3907.0
Stddev	45.4	131.	12.0	2.748	53.3
%RSD	1.2235	.25779	.29518	2.9965	1.3649

#1	3675.3	50652.	4060.6	93.654	3869.3
#2	3739.4	50837.	4043.7	89.768	3944.7

Sample Name: J6208-17DLX10 Acquired: 12/6/2018 16:31:24 Type: Unk
Method: P4-ICP2(v2634) 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	.02926	-.00436	1.6674	.03275	.01293	12.512	.93481
Stddev	.00388	.00181	.0032	.00012	.00056	.030	.00007
%RSD	13.275	41.470	.19438	.36834	4.3247	.24189	.00730

#1	.02651	-.00309	1.6697	.03283	.01332	12.534	.93476
#2	.03201	-.00564	1.6651	.03266	.01253	12.491	.93485

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	.00396	52.824	.15708	.03412	.81901	223.22
Stddev	.00024	.00010	.106	.00130	.00009	.00370	1.45
%RSD	16.589	2.5871	.20152	.82552	.25213	.45198	.64875

#1	.00163	.00404	52.749	.15800	.03418	.82163	222.19
#2	.00129	.00389	52.900	.15617	.03405	.81639	224.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6049	20.849	.15986	-.00557	.01215	.07449	2.4846
Stddev	.0057	.043	.00003	.00042	.00042	.00125	.0288
%RSD	.35738	.20820	.01774	7.4709	3.4338	1.6736	1.1577

#1	1.6089	20.879	.15984	-.00587	.01186	.07538	2.4643
#2	1.6008	20.818	.15988	-.00528	.01245	.07361	2.5050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3238	.02075	.09801	1.6987	.56938	.17386	.34657
Stddev	.0114	.00028	.01029	.0078	.00216	.00112	.00775
%RSD	.85881	1.3319	10.494	.45676	.38003	.64371	2.2351

#1	1.3158	.02094	.09074	1.6932	.56785	.17307	.35205
#2	1.3318	.02055	.10529	1.7042	.57091	.17466	.34109

Sample Name: J6208-17DLX10 Acquired: 12/6/2018 16:31:24 Type: Unk
 Method: P4-ICP2(v2634) 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	.02246	1.670	-.09138	5.9189	F<.00000
Stddev	.00091	.004	.00222	.0629	.76241
%RSD	4.0482	.2588	2.4256	1.0633	1.7175

#1	.02182	1.673	-.08981	5.8744	-43.850
#2	.02310	1.667	-.09294	5.9634	-44.929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.4	49673.	4032.8	90.756	3753.6
Stddev	8.0	158.	12.3	.930	10.3
%RSD	.22255	.31788	.30573	1.0242	.27475

#1	3602.8	49561.	4041.5	91.414	3746.3
#2	3614.1	49785.	4024.1	90.099	3760.9

Sample Name: J6037-01 Acquired: 12/6/2018 16:35:19 Type: Unk
Method: P4-ICP2(v2634) 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	.00032	-.00243	.00238	.00140	-.00150	.03036	.00681	.00006
Stddev	.00387	.00133	.00071	.00366	.00044	.00981	.00067	.00004
%RSD	1206.5	54.656	30.064	261.47	29.608	32.299	9.8989	79.801

#1	.00306	-.00149	.00288	-.00119	-.00181	.02343	.00729	.00009
#2	-.00242	-.00337	.00187	.00399	-.00119	.03730	.00634	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.18341	.00330	.00003	.00369	.11405	.00323	.08852
Stddev	.00000	.00166	.00012	.00051	.00017	.01737	.00010	.03355
%RSD	3.4859	.90604	3.6482	2010.6	4.5463	15.228	3.0392	37.903

#1	.00007	.18223	.00339	.00038	.00357	.10177	.00330	.06480
#2	.00007	.18458	.00322	-.00033	.00380	.12633	.00316	.11225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00047	-.12345	.00054	.05962	.03696	-.00035	.01877
Stddev	.00014	.00005	.00578	.00033	.00196	.00966	.00036	.00515
%RSD	6.6727	11.404	4.6824	60.690	3.2865	26.147	103.17	27.426

#1	.00199	.00043	-.12754	.00077	.06101	.03013	-.00060	.01513
#2	.00219	.00051	-.11936	.00031	.05824	.04380	-.00009	.02241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07215	4.6955	-.00341	.00809	-.00615	.0000	.00008	5.4532
Stddev	.00189	.0040	.00044	.00240	.00012	.0004	.00009	.0643
%RSD	2.6227	.08539	13.007	29.692	1.9535	3625.	114.04	1.1793

#1	.07348	4.6927	-.00373	.00639	-.00606	-.0003	.00002	5.4986
#2	.07081	4.6983	-.00310	.00978	-.00623	.0003	.00014	5.4077

Sample Name: J6037-01 Acquired: 12/6/2018 16:35:19 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .17012
 Stddev .00199
 %RSD 1.1671

#1 .16872
 #2 .17152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.6	55855.	4348.9	104.28	4608.2
Stddev	6.8	204.	55.0	3.21	7.9
%RSD	.17096	.36524	1.2644	3.0739	.17107

#1	3985.7	55711.	4310.0	102.02	4602.7
#2	3995.4	55999.	4387.8	106.55	4613.8

Sample Name: J6037-01DUP Acquired: 12/6/2018 16:39:22 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00138	-.00233	.00208	-.00062	-.00289	.02672	.00749	.00004
Stddev	.00148	.00174	.00064	.00111	.00043	.00076	.00003	.00005
%RSD	106.72	74.707	30.785	179.97	14.767	2.8522	.39119	118.07

#1	-.00034	-.00110	.00254	-.00140	-.00319	.02726	.00747	.00008
#2	-.00243	-.00357	.00163	.00017	-.00259	.02618	.00751	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.16543	.00340	.00008	.00289	.10831	.00327	.09091
Stddev	.00003	.02478	.00054	.00029	.00022	.00458	.00014	.04850
%RSD	45.390	14.978	15.818	376.35	7.6954	4.2316	4.2305	53.353

#1	.00005	.14791	.00378	.00028	.00273	.11155	.00337	.05661
#2	.00009	.18295	.00302	-.00013	.00305	.10507	.00317	.12521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	.00074	-.12335	.00025	.05991	.02708	-.00031	.00814
Stddev	.00020	.00068	.01169	.00056	.00019	.01470	.00023	.00307
%RSD	8.6221	91.582	9.4756	225.47	.30987	54.290	73.325	37.676

#1	.00221	.00121	-.11509	.00064	.06004	.01669	-.00015	.01030
#2	.00250	.00026	-.13162	-.00015	.05978	.03748	-.00047	.00597

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06684	4.6891	-.00335	.00436	-.00638	-.0008	.00009	5.4647
Stddev	.00126	.0055	.00029	.00276	.00211	.0003	.00002	.3062
%RSD	1.8807	.11736	8.5576	63.310	33.022	42.68	20.517	5.6037

#1	.06595	4.6930	-.00315	.00241	-.00787	-.0006	.00010	5.6813
#2	.06773	4.6852	-.00356	.00632	-.00489	-.0011	.00008	5.2482

Sample Name: J6037-01DUP Acquired: 12/6/2018 16:39:22 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.07884
Stddev	.11791
%RSD	149.56

#1	.16221
#2	-.00453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.3	55502.	4323.5	103.35	4603.5
Stddev	7.1	1512.	8.9	.19	4.3
%RSD	.17926	2.7244	.20667	.18245	.09302
#1	3992.4	54432.	4329.8	103.22	4600.4
#2	3982.3	56571.	4317.2	103.48	4606.5

Sample Name: J6037-01LX5 Acquired: 12/6/2018 16:43:27 Type: Unk
Method: P4-ICP2(v2634) 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	-.00302	-.00295	.00360	-.00116	-.00030	.01316	.00812	.00010
Stddev	.00014	.00007	.00006	.00010	.00340	.00171	.00114	.00000
%RSD	4.7223	2.4458	1.5862	8.5053	1147.2	13.021	14.079	3.9382

#1	-.00312	-.00300	.00356	-.00109	.00211	.01195	.00893	.00011
#2	-.00292	-.00290	.00364	-.00123	-.00270	.01437	.00731	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.04768	.00098	-.00010	-.00008	.03121	.00085	.04595
Stddev	.00004	.00851	.00008	.00011	.00024	.00380	.00008	.01679
%RSD	229.86	17.840	8.4193	115.49	290.17	12.173	9.8532	36.549

#1	-.00001	.04167	.00104	-.00002	.00009	.02853	.00079	.05782
#2	.00005	.05370	.00092	-.00018	-.00025	.03390	.00091	.03407

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00031	-.19914	.00023	.01314	.01827	-.00040	.00569
Stddev	.00022	.00018	.00073	.00002	.00009	.00443	.00004	.00062
%RSD	94.487	57.420	.36512	7.0463	.67832	24.225	11.221	10.895

#1	-.00008	.00019	-.19966	.00021	.01321	.01514	-.00043	.00525
#2	-.00040	.00044	-.19863	.00024	.01308	.02140	-.00036	.00613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00510	1.0801	-.00286	.00527	-.00104	-.0056	-.00024	6.0975
Stddev	.00233	.0093	.00072	.00241	.00143	.0008	.00003	.0829
%RSD	45.816	.86269	25.325	45.686	137.53	13.99	13.800	1.3595

#1	.00344	1.0735	-.00235	.00357	-.00205	-.0050	-.00027	6.0389
#2	.00675	1.0867	-.00338	.00697	-.00003	-.0061	-.00022	6.1562

Sample Name: J6037-01LX5 Acquired: 12/6/2018 16:43:27 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .26799
Stddev .23995
%RSD 89.538

#1 .43766
#2 .09832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3755.1	51821.	4002.5	96.296	4253.9
Stddev	11.6	509.	10.9	.442	10.2
%RSD	.30928	.98153	.27231	.45894	.23995

#1	3746.9	52180.	4010.2	95.983	4246.7
#2	3763.3	51461.	3994.7	96.608	4261.1

Sample Name: J6037-01A Acquired: 12/6/2018 16:47:32 Type: Unk
Method: P4-ICP2(v2634) 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	.96948	2.2229	1.1487	2.3083	.97422	2.4428	.25709
Stddev	.00916	.0126	.0080	.0200	.00448	.0222	.00325
%RSD	.94503	.56867	.70054	.86747	.46010	.90799	1.2652

#1	.96300	2.2140	1.1430	2.2942	.97105	2.4271	.25939
#2	.97596	2.2319	1.1544	2.3225	.97739	2.4585	.25479

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23087	.21252	1.4678	.49582	.22796	.38727	3.3829
Stddev	.00074	.00147	.0157	.00270	.00214	.00288	.0081
%RSD	.31850	.68964	1.0724	.54476	.93860	.74436	.23811

#1	.23035	.21148	1.4566	.49391	.22645	.38523	3.3886
#2	.23139	.21356	1.4789	.49773	.22947	.38931	3.3772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24915	2.5647	.54330	.09075	3.3782	.32295	.28932
Stddev	.00172	.0293	.00292	.00175	.0324	.00180	.00523
%RSD	.69180	1.1404	.53830	1.9232	.96032	.55583	1.8091

#1	.24793	2.5440	.54123	.08951	3.4011	.32168	.29302
#2	.25036	2.5854	.54537	.09198	3.3553	.32422	.28562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.464	.45828	.36077	.06866	5.7718	.69102	.23341
Stddev	.069	.00239	.00351	.00054	.0676	.00251	.00366
%RSD	.55078	.52126	.97335	.78352	1.1711	.36372	1.5690

#1	12.512	.45659	.36325	.06904	5.8196	.68924	.23600
#2	12.415	.45997	.35828	.06828	5.7240	.69280	.23082

Sample Name: J6037-01A Acquired: 12/6/2018 16:47:32 Type: Unk
 Method: P4-ICP2(v2634) 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	.24006	5.983	.26151	5.7065	F<.00000
Stddev	.00276	.048	.00128	.1045	.59230
%RSD	1.1486	.7954	.48785	1.8309	34.428

#1	.24201	5.949	.26241	5.6326	-1.3016
#2	.23811	6.016	.26061	5.7803	-2.1392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.3	54417.	4243.8	101.34	4375.1
Stddev	10.2	377.	54.0	2.21	12.1
%RSD	.26110	.69216	1.2723	2.1805	.27693

#1	3912.5	54684.	4205.6	99.775	4383.7
#2	3898.1	54151.	4282.0	102.90	4366.6

Sample Name: J6037-01MS Acquired: 12/6/2018 16:51:24 Type: Unk
Method: P4-ICP2(v2634) 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	.82773	1.8859	.97984	1.9505	.83217	2.0521	.21936
Stddev	.00577	.0041	.00346	.0103	.00232	.0397	.00094
%RSD	.69671	.21704	.35308	.52886	.27914	1.9334	.43067

#1	.83181	1.8830	.98228	1.9578	.83381	2.0240	.22003
#2	.82365	1.8888	.97739	1.9432	.83052	2.0801	.21869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19552	.18054	1.2528	.41741	.19467	.33155	2.9123
Stddev	.00004	.00091	.0105	.00069	.00049	.00235	.1068
%RSD	.02071	.50680	.83917	.16437	.25107	.70858	3.6668

#1	.19549	.18119	1.2454	.41693	.19501	.33321	2.9878
#2	.19555	.17990	1.2603	.41790	.19432	.32989	2.8367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21069	2.1736	.46223	.07610	2.8248	.27210	.25403
Stddev	.00029	.0084	.00353	.00047	.0073	.00035	.01139
%RSD	.13875	.38631	.76443	.62068	.25661	.12900	4.4826

#1	.21048	2.1795	.46473	.07643	2.8300	.27186	.26208
#2	.21089	2.1676	.45973	.07576	2.8197	.27235	.24598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.578	.38798	.29884	.06971	5.5858	.58698	.19817
Stddev	.014	.00212	.00711	.00098	.0254	.00349	.00128
%RSD	.13379	.54622	2.3805	1.3997	.45455	.59527	.64726

#1	10.588	.38948	.30387	.06902	5.6037	.58945	.19908
#2	10.568	.38648	.29381	.07040	5.5678	.58451	.19726

Sample Name: J6037-01MS Acquired: 12/6/2018 16:51:24 Type: Unk
 Method: P4-ICP2(v2634) 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	.20138	5.057	.22089	5.6504	F<.00000
Stddev	.00065	.007	.00013	.0463	.05794
%RSD	.32324	.1433	.05760	.81979	5.2209

#1	.20092	5.062	.22098	5.6176	-1.1507
#2	.20184	5.052	.22080	5.6831	-1.0688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3896.0	54746.	4248.3	101.85	4380.4
Stddev	24.8	131.	18.1	4.90	22.3
%RSD	.63690	.23974	.42564	4.8136	.50860

#1	3878.5	54839.	4235.6	98.383	4364.6
#2	3913.5	54653.	4261.1	105.32	4396.1

Sample Name: PB115358BS Acquired: 12/6/2018 17:07:18 Type: Unk
Method: P4-ICP2(v2634) 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	.80987	1.8528	.96980	1.9085	.78060	2.0045	.21281
Stddev	.00103	.0007	.00050	.0063	.00073	.0094	.00074
%RSD	.12683	.03618	.05188	.32961	.09317	.46839	.34631

#1	.80914	1.8523	.96944	1.9040	.78008	1.9978	.21229
#2	.81059	1.8533	.97015	1.9129	.78111	2.0111	.21333

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19239	.17935	1.0661	.39945	.19576	.30829	2.7255
Stddev	.00167	.00055	.0009	.00368	.00085	.00074	.0153
%RSD	.86922	.30704	.08804	.92032	.43585	.23843	.56266

#1	.19121	.17896	1.0655	.39685	.19516	.30777	2.7146
#2	.19357	.17974	1.0668	.40205	.19637	.30881	2.7363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20324	1.9842	.45163	.08038	2.7078	.26111	.20245
Stddev	.00130	.0734	.00105	.00057	.0097	.00308	.00058
%RSD	.64188	3.6989	.23328	.71075	.35825	1.1803	.28545

#1	.20231	2.0361	.45089	.08078	2.7147	.25893	.20286
#2	.20416	1.9323	.45238	.07997	2.7010	.26328	.20205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.174	F 9.1340	F 9.4135	9.4287	F 10.371	F 8.6306	F 9.5778
Stddev	.081	.0271	.0133	.0054	.074	.0356	.0005
%RSD	.79375	.29656	.14155	.05729	.70936	.41254	.00476

#1	10.231	9.1148	9.4041	9.4248	10.423	8.6054	9.5774
#2	10.117	9.1531	9.4229	9.4325	10.319	8.6558	9.5781

Sample Name: PB115358BS Acquired: 12/6/2018 17:07:18 Type: Unk
Method: P4-ICP2(v2634) 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	.20482	5.039	.21638	F 6.6163	F<.00000
Stddev	.00276	.015	.00107	.0321	.23447
%RSD	1.3499	.3021	.49673	.48466	24.331

#1	.20678	5.029	.21714	6.6390	-1.1295
#2	.20287	5.050	.21562	6.5936	-.79789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.4	49905.	3932.5	90.175	3992.2
Stddev	6.5	182.	33.5	.354	12.8
%RSD	.17844	.36493	.85199	.39207	.32169

#1	3633.9	50034.	3908.8	89.925	4001.3
#2	3624.8	49777.	3956.2	90.425	3983.2

Sample Name: PB115358BL Acquired: 12/6/2018 17:19:14 Type: Unk
Method: P4-ICP2(v2634) 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	-.00153	-.00308	.00221	-.00197	-.00081	-.00087	.00687	.00003
Stddev	.00073	.00050	.00005	.00071	.00083	.01140	.00057	.00007
%RSD	47.442	16.101	2.0810	35.872	102.51	1310.5	8.2869	240.89
#1	-.00204	-.00273	.00218	-.00247	-.00022	.00719	.00728	-.00002
#2	-.00102	-.00343	.00224	-.00147	-.00139	-.00893	.00647	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01088	-.00037	-.00002	-.00056	.00243	.00012	.03218
Stddev	.00005	.00395	.00033	.00026	.00066	.01040	.00005	.03905
%RSD	107.57	36.273	89.974	1061.9	117.09	427.33	43.914	121.33
#1	-.00008	.00809	-.00060	-.00021	-.00103	-.00492	.00008	.05980
#2	-.00001	.01367	-.00013	.00016	-.00010	.00979	.00016	.00457
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00008	-.23985	-.00060	-.00052	.02105	-.00018	-.00168
Stddev	.00024	.00026	.00201	.00016	.00001	.03280	.00024	.01074
%RSD	21.598	331.32	.83728	26.105	1.6778	155.84	130.91	641.44
#1	-.00093	-.00026	-.24127	-.00049	-.00052	-.00215	-.00035	-.00927
#2	-.00127	.00010	-.23843	-.00072	-.00053	.04424	-.00001	.00592
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.01336	-.00269	.00369	-.00147	-.0060	-.00022	F 6.3974
Stddev	.00280	.00203	.00016	.00481	.00116	.0002	.00008	.0683
%RSD	196.89	15.215	5.8200	130.40	79.387	3.767	36.470	1.0677
#1	-.00056	.01480	-.00280	.00710	-.00229	-.0061	-.00017	6.4457
#2	.00340	.01193	-.00258	.00029	-.00064	-.0058	-.00028	6.3491

Sample Name: PB115358BL Acquired: 12/6/2018 17:19:14 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26375
Stddev	.43181
%RSD	163.72

#1	.56909
#2	-.04159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.7	51104.	3992.2	95.004	4181.3
Stddev	20.9	269.	49.6	1.314	12.7
%RSD	.57033	.52559	1.2435	1.3831	.30437

#1	3657.9	50914.	3957.1	94.075	4172.3
#2	3687.5	51294.	4027.3	95.933	4190.3

Sample Name: CCV05 Acquired: 12/6/2018 17:23:17 Type: Unk
Method: P4-ICP2(v2634) 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	5.3474	4.7643	5.0643	5.0033	5.3110	10.370	10.270	.24837
Stddev	.0522	.0226	.0240	.0185	.0514	.145	.062	.00163
%RSD	.97675	.47410	.47416	.36995	.96677	1.4007	.60028	.65500
#1	5.3105	4.7483	5.0474	4.9903	5.2747	10.472	10.227	.24953
#2	5.3844	4.7803	5.0813	5.0164	5.3473	10.267	10.314	.24722
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4000	26.380	1.0044	2.4690	1.2644	4.5436	2.5114	25.225
Stddev	.0132	.157	.0104	.0150	.0089	.1304	.0147	.103
%RSD	.54967	.59526	1.0357	.60831	.70327	2.8694	.58564	.40851
#1	2.3907	26.269	1.0118	2.4584	1.2581	4.6358	2.5218	25.152
#2	2.4094	26.491	.99706	2.4796	1.2706	4.4514	2.5010	25.298
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3399	1.3305	23.542	2.2533	2.4861	25.555	4.7862	4.7690
Stddev	.0126	.0093	.176	.0132	.0322	.304	.0372	.0245
%RSD	.54040	.70122	.74785	.58743	1.2941	1.1903	.77746	.51354
#1	2.3309	1.3371	23.418	2.2627	2.5089	25.339	4.7599	4.7517
#2	2.3488	1.3239	23.667	2.2440	2.4634	25.770	4.8125	4.7863
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5817	5.1596	F 4.4882	4.9633	5.0760	4.726	5.4341	F 6.9110
Stddev	.0270	.0409	.0238	.0016	.0353	.029	.0491	.1540
%RSD	.59010	.79266	.53010	.03179	.69607	.6045	.90369	2.2277
#1	4.5625	5.1307	4.4714	4.9622	5.0510	4.706	5.3994	7.0199
#2	4.6008	5.1885	4.5050	4.9644	5.1010	4.747	5.4688	6.8022

Sample Name: CCV05 Acquired: 12/6/2018 17:23:17 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.4572
 Stddev .6754
 %RSD 46.351

#1 .97960
 #2 1.9348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.1	48841.	3963.5	90.939	3686.0
Stddev	23.6	266.	39.8	1.217	16.5
%RSD	.66422	.54424	1.0052	1.3385	.44692

#1	3565.8	48653.	3991.7	90.078	3697.6
#2	3532.5	49029.	3935.3	91.800	3674.3

Sample Name: CCB05 Acquired: 12/6/2018 17:27:01 Type: Unk
Method: P4-ICP2(v2634) 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	.00094	-.00189	.00244	.00167	-.00128	.01438	.00792	.00001
Stddev	.00305	.00003	.00082	.00328	.00176	.01191	.00092	.00002
%RSD	324.50	1.4728	33.785	196.58	137.28	82.809	11.638	120.51

#1	-.00121	-.00191	.00303	.00399	-.00253	.00596	.00727	.00002
#2	.00309	-.00187	.00186	-.00065	-.00004	.02280	.00858	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01708	.00028	-.00004	-.00095	.01617	.00009	.03731
Stddev	.00013	.00745	.00011	.00020	.00076	.01022	.00003	.04609
%RSD	1596.1	43.625	40.372	545.63	80.400	63.219	37.174	123.53

#1	-.00010	-.01181	.00036	.00011	-.00148	.00894	.00011	.06990
#2	.00008	-.02235	.00020	-.00018	-.00041	.02340	.00007	.00472

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00008	-.22387	-.00013	-.00049	-.05976	-.00017	.00453
Stddev	.00001	.00051	.00795	.00030	.00001	.01854	.00001	.00307
%RSD	.96207	651.34	3.5501	224.82	2.1759	31.025	7.6132	67.697

#1	-.00107	.00044	-.21825	.00008	-.00048	-.04665	-.00018	.00236
#2	-.00108	-.00028	-.22949	-.00034	-.00050	-.07286	-.00016	.00670

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00780	.01583	-.00151	.00460	.00074	-.0058	-.00028	F 6.2721
Stddev	.00612	.00277	.00084	.00031	.00011	.0004	.00009	.0074
%RSD	78.462	17.478	55.782	6.6705	15.370	7.539	31.953	.11781

#1	.01213	.01778	-.00211	.00438	.00066	-.0061	-.00035	6.2774
#2	.00347	.01387	-.00091	.00481	.00083	-.0055	-.00022	6.2669

Sample Name: CCB05 Acquired: 12/6/2018 17:27:01 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .37309
Stddev .13924
%RSD 37.320

#1 .27464
#2 .47155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3686.2	51190.	3976.2	94.717	4212.8
Stddev	4.3	150.	5.7	.012	6.5
%RSD	.11560	.29282	.14413	.01244	.15337

#1	3683.2	51084.	3972.2	94.725	4208.2
#2	3689.2	51296.	3980.3	94.708	4217.3

Sample Name: J6037-01MSD Acquired: 12/6/2018 17:31:06 Type: Unk
Method: P4-ICP2(v2634) 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	.82544	1.8650	.97163	1.9348	.82465	2.0471	.21836
Stddev	.00186	.0099	.00227	.0096	.00066	.0103	.00201
%RSD	.22527	.53098	.23399	.49597	.07989	.50081	.91861

#1	.82413	1.8580	.97002	1.9280	.82418	2.0543	.21695
#2	.82676	1.8720	.97324	1.9416	.82512	2.0398	.21978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19683	.17927	1.2693	.42245	.19298	.32937	2.8620
Stddev	.00109	.00038	.0359	.00443	.00104	.00047	.0423
%RSD	.55184	.21419	2.8319	1.0490	.54055	.14183	1.4774

#1	.19760	.17900	1.2439	.42559	.19224	.32904	2.8919
#2	.19606	.17954	1.2947	.41932	.19372	.32970	2.8321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21304	2.1938	.45978	.07724	2.8172	.27445	.25298
Stddev	.00075	.0396	.00059	.00081	.0074	.00261	.00381
%RSD	.35339	1.8053	.12728	1.0455	.26154	.95151	1.5068

#1	.21357	2.1658	.45937	.07782	2.8120	.27630	.25568
#2	.21251	2.2218	.46020	.07667	2.8225	.27260	.25029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.512	.38574	.29367	.06513	5.5928	.57961	.20072
Stddev	.052	.00197	.00531	.00176	.0010	.00289	.00208
%RSD	.49802	.50963	1.8091	2.6950	.01704	.49877	1.0374

#1	10.475	.38435	.29742	.06637	5.5921	.57756	.19925
#2	10.549	.38713	.28991	.06389	5.5935	.58165	.20220

Sample Name: J6037-01MSD Acquired: 12/6/2018 17:31:06 Type: Unk
 Method: P4-ICP2(v2634) 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	.19966	5.000	.22068	5.7309	F<.00000
Stddev	.00057	.016	.00170	.0647	.48019
%RSD	.28309	.3287	.76847	1.1296	38.875

#1	.19926	4.988	.21948	5.7767	-.89566
#2	.20006	5.012	.22188	5.6851	-1.5747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.7	54605.	4262.3	102.21	4429.4
Stddev	1.4	165.	15.3	1.73	3.0
%RSD	.03483	.30219	.35894	1.6891	.06827

#1	3939.7	54489.	4273.2	100.99	4431.5
#2	3937.8	54722.	4251.5	103.43	4427.3

Sample Name: J6213-01 Acquired: 12/6/2018 17:34:58 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00051	.00081	.00189	-.00277	.02546	.02080	.00011
Stddev	.00042	.00049	.00009	.00373	.00047	.00088	.00217	.00002
%RSD	107.49	94.731	10.771	196.92	16.848	3.4532	10.422	17.729

#1	-.00009	-.00017	.00088	-.00074	-.00244	.02484	.01927	.00010
#2	-.00069	-.00086	.00075	.00453	-.00310	.02609	.02234	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	29.977	.00002	.00006	.00089	.06663	.00290	6.3178
Stddev	.00001	.968	.00021	.00013	.00022	.00039	.00007	.2856
%RSD	29.273	3.2283	1071.1	221.49	24.246	.58598	2.3357	4.5201

#1	-.00002	29.293	.00016	.00015	.00074	.06635	.00294	6.1159
#2	-.00002	30.662	-.00013	-.00003	.00104	.06690	.00285	6.5197

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00018	22.454	.00031	-.00002	1.8869	-.00011	.01190
Stddev	.00013	.00073	.816	.00043	.00006	.1067	.00004	.00758
%RSD	124.65	413.51	3.6331	138.89	283.78	5.6527	35.767	63.699

#1	-.00001	-.00034	21.877	.00001	-.00006	1.8115	-.00008	.00654
#2	-.00019	.00069	23.031	.00061	.00002	1.9623	-.00013	.01726

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7853	3.5061	-.00460	.00472	-.00657	.0308	.14132	5.5045
Stddev	.0294	.1090	.00023	.00202	.00222	.0020	.00447	.1471
%RSD	.77731	3.1081	5.0148	42.788	33.755	6.555	3.1655	2.6718

#1	3.7645	3.4290	-.00476	.00615	-.00814	.0293	.13816	5.6085
#2	3.8061	3.5832	-.00443	.00329	-.00500	.0322	.14448	5.4005

Sample Name: J6213-01 Acquired: 12/6/2018 17:34:58 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.83168
Stddev	.27752
%RSD	33.369

#1	.63544
#2	1.0279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3965.7	55065.	4429.5	106.64	4431.3
Stddev	23.9	458.	140.8	3.82	23.3
%RSD	.60155	.83153	3.1779	3.5825	.52491

#1	3982.5	54742.	4529.0	109.34	4447.8
#2	3948.8	55389.	4329.9	103.94	4414.9

Sample Name: J6213-01DUP Acquired: 12/6/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2634) 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	-.00139	-.00192	.00017	-.00235	-.00184	.02042	.02165	.00005
Stddev	.00049	.00094	.00100	.00028	.00065	.00508	.00002	.00010
%RSD	35.321	48.628	589.85	12.002	35.046	24.888	.10366	191.13

#1	-.00173	-.00259	-.00054	-.00255	-.00139	.02402	.02166	.00013
#2	-.00104	-.00126	.00088	-.00215	-.00230	.01683	.02163	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	30.135	-.00019	.00030	.00103	.05300	.00297	6.4241
Stddev	.00004	.181	.00025	.00011	.00002	.00295	.00010	.0585
%RSD	1516.8	.60131	130.18	35.221	1.9670	5.5569	3.4131	.91122

#1	-.00003	30.007	-.00002	.00038	.00102	.05092	.00304	6.3827
#2	.00002	30.263	-.00037	.00023	.00105	.05509	.00289	6.4655

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00005	22.477	.00091	-.00010	1.9352	-.00023	.01252
Stddev	.00035	.00104	.065	.00019	.00000	.0147	.00002	.00345
%RSD	261.44	2302.3	.29099	20.534	3.0384	.76039	7.3525	27.535

#1	.00011	.00069	22.523	.00078	-.00010	1.9248	-.00025	.01008
#2	-.00038	-.00078	22.430	.00104	-.00009	1.9456	-.00022	.01496

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8120	3.5088	-.00473	.00233	-.00520	.0310	.14278	5.6357
Stddev	.0138	.0611	.00117	.00183	.00026	.0003	.00069	.0642
%RSD	.36144	1.7400	24.748	78.616	4.9974	1.031	.48271	1.1385

#1	3.8023	3.5520	-.00390	.00362	-.00501	.0308	.14230	5.5903
#2	3.8218	3.4656	-.00556	.00103	-.00538	.0313	.14327	5.6811

Sample Name: J6213-01DUP Acquired: 12/6/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .95974
Stddev .23646
%RSD 24.638

#1 .79254
#2 1.1269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.8	54481.	4418.1	106.47	4403.8
Stddev	8.8	46.	21.1	1.04	9.4
%RSD	.22360	.08395	.47828	.97591	.21252

#1	3946.0	54449.	4403.1	105.74	4410.4
#2	3933.5	54514.	4433.0	107.21	4397.2

Sample Name: J6213-01LX5 Acquired: 12/6/2018 17:43:00 Type: Unk
Method: P4-ICP2(v2634) 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	-.00190	-.00255	.00501	.00028	.00023	.00735	.01034	.00001
Stddev	.00110	.00186	.00146	.00290	.00159	.00310	.00113	.00006
%RSD	57.757	72.776	29.080	1027.3	689.45	42.172	10.945	509.86

#1	-.00113	-.00124	.00398	-.00177	.00136	.00954	.00954	.00006
#2	-.00268	-.00386	.00604	.00233	-.00089	.00516	.01114	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	6.4924	.00011	.00006	.00018	.03347	.00074	1.3547
Stddev	.00002	.0028	.00013	.00015	.00026	.00126	.00005	.0177
%RSD	16.301	.04265	117.20	242.21	141.57	3.7639	6.3930	1.3044

#1	-.00012	6.4944	.00021	-.00004	-.00000	.03258	.00071	1.3422
#2	-.00009	6.4905	.00002	.00016	.00036	.03436	.00077	1.3672

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	.00050	4.7655	.00044	.00111	.41098	-.00027	.00198
Stddev	.00004	.00037	.0216	.00053	.00012	.00662	.00025	.00918
%RSD	4.1451	74.110	.45439	119.00	10.677	1.6119	95.907	462.99

#1	-.00091	.00076	4.7502	.00082	.00119	.40630	-.00044	.00847
#2	-.00096	.00024	4.7808	.00007	.00103	.41567	-.00009	-.00451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84940	.77199	-.00264	.00330	.00049	.0047	.03059	6.2331
Stddev	.00395	.00007	.00086	.00417	.00168	.0006	.00008	.0515
%RSD	.46533	.00948	32.710	126.16	344.24	11.95	.27635	.82622

#1	.85219	.77205	-.00203	.00036	-.00070	.0043	.03053	6.1967
#2	.84660	.77194	-.00326	.00625	.00168	.0051	.03065	6.2695

Sample Name: J6213-01LX5 Acquired: 12/6/2018 17:43:00 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .45118
Stddev .22372
%RSD 49.584

#1 .60937
#2 .29299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3725.8	51549.	4036.7	96.454	4192.4
Stddev	3.0	8.	28.3	3.082	10.5
%RSD	.07996	.01584	.70107	3.1951	.25114

#1	3723.7	51554.	4016.7	94.275	4184.9
#2	3727.9	51543.	4056.8	98.633	4199.8

Sample Name: J6213-01MS Acquired: 12/6/2018 17:50:51 Type: Unk
Method: P4-ICP2(v2634) 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	.84137	1.8650	.96607	2.0482	.84043	2.0893	.22694	.20458
Stddev	.00278	.0008	.00147	.0041	.00096	.0074	.00135	.00067
%RSD	.33090	.04041	.15194	.20160	.11409	.35547	.59317	.32877

#1	.83941	1.8645	.96711	2.0453	.83975	2.0840	.22790	.20410
#2	.84334	1.8656	.96503	2.0511	.84111	2.0945	.22599	.20505

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18275	30.866	.40722	.19104	.31580	2.7461	.20692	8.3205
Stddev	.00030	.005	.00158	.00064	.00096	.0251	.00045	.0430
%RSD	.16595	.01760	.38765	.33287	.30337	.91465	.21870	.51680

#1	.18253	30.862	.40611	.19059	.31512	2.7639	.20660	8.2901
#2	.18296	30.870	.40834	.19149	.31648	2.7284	.20724	8.3509

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45462	.07414	25.262	.27551	.20683	12.209	.38915	.30014
Stddev	.00169	.00003	.006	.00226	.00079	.007	.00140	.00047
%RSD	.37173	.03828	.02407	.82003	.38144	.05883	.36062	.15564

#1	.45342	.07416	25.258	.27391	.20738	12.214	.38815	.29981
#2	.45581	.07412	25.266	.27710	.20627	12.204	.39014	.30047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7640	4.4424	.59928	.19864	.19595	5.437	.35608	5.7740
Stddev	.0036	.0415	.00178	.00133	.00029	.003	.00032	.0414
%RSD	.09591	.93372	.29619	.67182	.14924	.0471	.09005	.71757

#1	3.7666	4.4131	.60054	.19769	.19574	5.435	.35586	5.7447
#2	3.7615	4.4718	.59803	.19958	.19615	5.439	.35631	5.8033

Sample Name: J6213-01MS Acquired: 12/6/2018 17:50:51 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .45398
 %RSD 69.267

#1 -.97642
 #2 -.33439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.8	54117.	4327.7	103.35	4350.7
Stddev	4.3	197.	.1	.66	4.7
%RSD	.10804	.36384	.00329	.63466	.10718

#1	3951.8	54256.	4327.6	102.89	4347.4
#2	3945.8	53978.	4327.8	103.81	4354.0

Sample Name: J6213-01MSD Acquired: 12/6/2018 17:54:39 Type: Unk
Method: P4-ICP2(v2634) 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	.84532	1.8717	.96490	2.0505	.84198	2.0663	.22568	.20320
Stddev	.00536	.0156	.00965	.0097	.00592	.0210	.00645	.00004
%RSD	.63401	.83456	.99981	.47263	.70359	1.0184	2.8574	.02037

#1	.84911	1.8828	.97172	2.0573	.84616	2.0514	.22112	.20317
#2	.84153	1.8607	.95808	2.0436	.83779	2.0811	.23024	.20323

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18309	30.584	.40428	.19078	.31739	2.7280	.20595	8.2271
Stddev	.00181	.928	.00140	.00257	.00183	.0836	.00041	.2116
%RSD	.98940	3.0328	.34687	1.3461	.57801	3.0654	.20132	2.5725

#1	.18437	29.928	.40329	.19259	.31869	2.6688	.20565	8.0774
#2	.18181	31.240	.40527	.18896	.31609	2.7871	.20624	8.3767

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45495	.07286	25.037	.27537	.20357	12.114	.38964	.29876
Stddev	.00405	.00018	.595	.00086	.00462	.288	.00153	.00611
%RSD	.89001	.24840	2.3762	.31147	2.2679	2.3813	.39185	2.0467

#1	.45781	.07274	24.617	.27476	.20031	11.910	.39072	.29443
#2	.45208	.07299	25.458	.27598	.20684	12.318	.38856	.30308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7829	4.3857	.60035	.19751	.19121	5.437	.35092	5.6187
Stddev	.0309	.0892	.00444	.00525	.00557	.042	.01056	.0082
%RSD	.81726	2.0343	.73941	2.6596	2.9148	.7712	3.0095	.14624

#1	3.8047	4.3226	.60349	.19379	.18726	5.467	.34345	5.6245
#2	3.7610	4.4488	.59721	.20122	.19515	5.408	.35839	5.6129

Sample Name: J6213-01MSD Acquired: 12/6/2018 17:54:39 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .41284
%RSD 81.975

#1 -.79553
#2 -.21169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3937.6	54423.	4377.5	104.74	4336.6
Stddev	22.0	82.	95.6	2.26	33.4
%RSD	.55949	.15083	2.1840	2.1554	.76995

#1	3922.0	54481.	4445.2	106.33	4313.0
#2	3953.1	54365.	4309.9	103.14	4360.2

Sample Name: J6213-01A Acquired: 12/6/2018 17:58:27 Type: Unk
Method: P4-ICP2(v2634) 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	.82507	1.8451	.95483	2.0345	.82652	2.0706	.22546	.20363
Stddev	.02765	.0515	.02805	.0606	.02517	.0378	.00046	.00078
%RSD	3.3507	2.7898	2.9372	2.9796	3.0448	1.8246	.20271	.38323

#1	.80552	1.8087	.93500	1.9916	.80872	2.0439	.22579	.20308
#2	.84462	1.8815	.97467	2.0774	.84431	2.0973	.22514	.20419

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18104	30.521	.40259	.18894	.31230	2.8201	.20667	8.3405
Stddev	.00508	.135	.00351	.00564	.00985	.0284	.00066	.0202
%RSD	2.8059	.44108	.87089	2.9873	3.1528	1.0078	.32119	.24224

#1	.17745	30.426	.40011	.18495	.30534	2.8000	.20620	8.3548
#2	.18463	30.616	.40507	.19293	.31927	2.8402	.20713	8.3262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45054	.07176	25.134	.27451	.20885	12.075	.38355	.29622
Stddev	.01218	.00012	.186	.00220	.00225	.025	.01250	.00484
%RSD	2.7029	.16937	.74186	.80069	1.0783	.20886	3.2589	1.6335

#1	.44192	.07167	25.266	.27296	.20726	12.093	.37471	.29280
#2	.45915	.07184	25.002	.27607	.21045	12.057	.39239	.29964

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7332	4.3746	.59459	.19968	.19276	5.364	.34815	5.4677
Stddev	.1032	.0240	.01877	.00077	.00106	.164	.00041	.0797
%RSD	2.7653	.54975	3.1568	.38652	.55185	3.059	.11694	1.4574

#1	3.6602	4.3916	.58131	.19913	.19200	5.248	.34843	5.4113
#2	3.8062	4.3576	.60786	.20023	.19351	5.480	.34786	5.5240

Sample Name: J6213-01A Acquired: 12/6/2018 17:58:27 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .08799
%RSD 19.195

#1 -.39621
#2 -.52066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4002.5	54583.	4374.4	102.48	4396.0
Stddev	103.5	28.	24.6	.67	105.6
%RSD	2.5864	.05110	.56280	.65465	2.4019

#1	4075.7	54563.	4357.0	102.95	4470.7
#2	3929.3	54603.	4391.8	102.00	4321.4

Sample Name: J6225-01 Acquired: 12/6/2018 18:02:15 Type: Unk
Method: P4-ICP2(v2634) 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	-.00186	-.00187	.00312	.00363	-.00255	.02368	.02700	.00008
Stddev	.00076	.00121	.00021	.00220	.00059	.01063	.00020	.00001
%RSD	40.863	64.544	6.7841	60.549	23.343	44.867	.75343	19.450

#1	-.00132	-.00273	.00297	.00519	-.00213	.03120	.02686	.00009
#2	-.00239	-.00102	.00327	.00208	-.00297	.01617	.02715	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	44.561	-.00036	-.00015	.00052	.03081	.00348	54.904
Stddev	.00008	.088	.00013	.00005	.00033	.00077	.00003	.006
%RSD	64.483	.19749	35.125	34.059	63.569	2.5132	.86914	.01067

#1	-.00006	44.623	-.00045	-.00019	.00029	.03136	.00345	54.908
#2	-.00017	44.499	-.00027	-.00012	.00076	.03026	.00350	54.900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	.00002	408.94	.00081	-.00021	17.689	.00047	.17787
Stddev	.00000	.00055	2.10	.00062	.00008	.035	.00008	.00744
%RSD	.01327	2250.8	.51383	77.222	38.899	.19866	17.508	4.1824

#1	-.00268	.00042	410.43	.00037	-.00015	17.714	.00053	.18313
#2	-.00268	-.00037	407.46	.00125	-.00026	17.664	.00041	.17261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.617	3.1937	-.01435	.00498	.00314	.0356	.44092	6.4667
Stddev	.063	.0034	.00009	.00083	.00082	.0004	.00096	.2590
%RSD	.19221	.10525	.65636	16.744	26.109	1.001	.21835	4.0054

#1	32.662	3.1960	-.01428	.00557	.00256	.0353	.44024	6.2836
#2	32.573	3.1913	-.01441	.00439	.00372	.0359	.44160	6.6499

Sample Name: J6225-01 Acquired: 12/6/2018 18:02:15 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3201
Stddev .1563
%RSD 6.7390

#1 2.2095
#2 2.4307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.8	49809.	4251.2	99.565	3819.1
Stddev	3.7	793.	10.2	.159	13.9
%RSD	.10064	1.5916	.24102	.16003	.36267

#1	3715.5	50370.	4243.9	99.678	3828.9
#2	3710.2	49249.	4258.4	99.452	3809.3

Sample Name: J6225-01DUP Acquired: 12/6/2018 18:06:23 Type: Unk
Method: P4-ICP2(v2634) 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	-.00083	-.00231	.00336	.00062	-.00114	.00595	.02724	.00007
Stddev	.00131	.00058	.00058	.00083	.00043	.02573	.00043	.00007
%RSD	158.30	25.148	17.353	132.34	37.873	432.81	1.5825	107.16
#1	.00010	-.00190	.00377	.00121	-.00083	-.01225	.02755	.00012
#2	-.00175	-.00272	.00295	.00004	-.00144	.02414	.02694	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	44.173	-.00022	-.00013	.00038	.03628	.00342	54.197
Stddev	.00001	.144	.00042	.00021	.00036	.00179	.00002	.274
%RSD	5.7639	.32612	196.28	157.69	93.567	4.9356	.66747	.50637
#1	-.00017	44.274	.00008	-.00028	.00064	.03501	.00341	54.391
#2	-.00015	44.071	-.00052	.00002	.00013	.03754	.00344	54.003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00250	.00027	400.01	.00120	-.00018	17.380	.00007	.16792
Stddev	.00007	.00039	8.78	.00048	.00005	.093	.00017	.00323
%RSD	2.8113	143.25	2.1945	40.199	26.854	.53388	263.78	1.9244
#1	-.00255	-.00000	406.22	.00086	-.00015	17.446	-.00006	.17021
#2	-.00245	.00055	393.80	.00154	-.00022	17.315	.00019	.16564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.563	3.1102	-.01531	.00299	.00163	.0359	.43346	6.4742
Stddev	.127	.0499	.00038	.00115	.00050	.0011	.00372	.0230
%RSD	.39105	1.6041	2.4682	38.438	30.440	3.013	.85713	.35545
#1	32.473	3.1455	-.01504	.00380	.00128	.0367	.43609	6.4579
#2	32.653	3.0749	-.01558	.00217	.00198	.0352	.43083	6.4904

Sample Name: J6225-01DUP Acquired: 12/6/2018 18:06:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5292
Stddev	.6665
%RSD	26.354

#1	3.0005
#2	2.0579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3726.7	50321.	4321.5	101.07	3825.4
Stddev	15.7	84.	58.0	1.28	7.9
%RSD	.42025	.16619	1.3433	1.2681	.20692

#1	3737.8	50381.	4280.5	100.17	3831.0
#2	3715.6	50262.	4362.6	101.98	3819.8

Sample Name: J6225-01LX5 Acquired: 12/6/2018 18:10:30 Type: Unk
Method: P4-ICP2(v2634) 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	.00007	-.00418	.00681	.00104	.00028	.02722	.01273	.00005
Stddev	.00107	.00011	.00100	.00001	.00038	.00686	.00131	.00008
%RSD	1469.5	2.5183	14.711	.98185	135.33	25.192	10.285	151.55

#1	-.00069	-.00426	.00752	.00103	.00001	.02237	.01365	-.00000
#2	.00083	-.00411	.00610	.00104	.00055	.03207	.01180	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	9.7122	.00008	.00000	-.00064	.01143	.00080	11.882
Stddev	.00004	.0619	.00032	.00005	.00035	.00477	.00008	.018
%RSD	47.980	.63739	401.16	1153.5	55.709	41.754	10.562	.15538

#1	-.00006	9.6684	.00031	.00004	-.00039	.00806	.00074	11.869
#2	-.00012	9.7560	-.00015	-.00003	-.00089	.01481	.00086	11.895

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	.00021	88.679	.00055	-.00014	4.0775	-.00015	.02523
Stddev	.00041	.00134	.540	.00017	.00004	.0015	.00008	.00631
%RSD	19.225	622.17	.60909	31.573	29.277	.03604	56.786	25.014

#1	-.00241	-.00073	89.061	.00067	-.00017	4.0785	-.00021	.02969
#2	-.00183	.00116	88.297	.00043	-.00011	4.0764	-.00009	.02076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2435	.71648	-.00532	.00411	.01051	.0021	.09675	6.7721
Stddev	.0304	.00246	.00009	.00202	.00080	.0001	.00064	.0375
%RSD	.41927	.34290	1.6689	49.063	7.6350	4.503	.65837	.55395

#1	7.2220	.71475	-.00538	.00554	.01108	.0022	.09630	6.7986
#2	7.2650	.71822	-.00526	.00269	.00994	.0020	.09720	6.7455

Sample Name: J6225-01LX5 Acquired: 12/6/2018 18:10:30 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0315
Stddev .1768
%RSD 17.137

#1 1.1565
#2 .90650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.6	48408.	3923.5	92.448	3838.9
Stddev	1.9	134.	19.0	.778	.5
%RSD	.05263	.27579	.48442	.84200	.01431

#1	3562.3	48313.	3910.0	91.898	3838.5
#2	3564.9	48502.	3936.9	92.999	3839.3

Sample Name: CCV06 Acquired: 12/6/2018 18:14:32 Type: Unk
Method: P4-ICP2(v2634) 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	5.4562	4.9490	5.2216	5.1362	5.4369	10.659	10.616	.25865
Stddev	.0009	.0025	.0011	.0165	.0093	.021	.040	.00065
%RSD	.01704	.05118	.02074	.32123	.17028	.20162	.37918	.25039
#1	5.4569	4.9472	5.2224	5.1478	5.4434	10.644	10.587	.25910
#2	5.4556	4.9508	5.2209	5.1245	5.4303	10.675	10.644	.25819
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4865	27.302	1.0434	2.5513	1.3077	4.8052	2.6069	25.656
Stddev	.0033	.057	.0035	.0006	.0008	.0167	.0029	.202
%RSD	.13229	.20986	.33943	.02564	.05770	.34713	.11235	.78740
#1	2.4842	27.262	1.0409	2.5509	1.3082	4.8170	2.6048	25.513
#2	2.4888	27.343	1.0459	2.5518	1.3071	4.7934	2.6089	25.799
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4301	1.3707	24.632	2.3546	2.6155	26.490	4.9626	4.9936
Stddev	.0022	.0006	.085	.0039	.0311	.070	.0034	.0260
%RSD	.09132	.04382	.34368	.16694	1.1879	.26382	.06949	.51993
#1	2.4285	1.3711	24.572	2.3518	2.6375	26.441	4.9601	4.9752
#2	2.4317	1.3703	24.692	2.3574	2.5936	26.540	4.9650	5.0120
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7651	5.3185	4.6938	5.1083	5.2734	4.908	F 5.6248	F 7.0376
Stddev	.0161	.0412	.0084	.0116	.0136	.009	.0301	.0214
%RSD	.33774	.77545	.17833	.22652	.25791	.1942	.53431	.30410
#1	4.7765	5.2893	4.6879	5.1001	5.2638	4.901	5.6035	7.0528
#2	4.7538	5.3477	4.6997	5.1165	5.2830	4.915	5.6460	7.0225

Sample Name: CCV06 Acquired: 12/6/2018 18:14:32 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2328
Stddev .1704
%RSD 7.6313

#1 2.3533
#2 2.1124

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.1	47621.	3836.6	87.136	3594.7
Stddev	3.8	19.	12.3	1.042	.4
%RSD	.10945	.03935	.32072	1.1955	.01179

#1	3482.4	47635.	3845.3	86.399	3595.0
#2	3487.8	47608.	3827.9	87.872	3594.4

Sample Name: CCB06 Acquired: 12/6/2018 18:18:17 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00219	F .00567	-.00140	-.00002	.00851	.00826	-.00001
Stddev	.00016	.00141	.00125	.00216	.00098	.00350	.00066	.00007
%RSD	110.57	64.363	22.087	153.89	4113.3	41.179	7.9794	720.27

#1	.00003	-.00119	.00655	-.00293	.00067	.00603	.00779	-.00006
#2	.00027	-.00318	.00478	.00012	-.00072	.01098	.00872	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00232	-.00008	.00016	-.00063	-.00434	.00010	-.01664
Stddev	.00009	.01113	.00049	.00017	.00072	.00434	.00004	.02823
%RSD	802.43	479.90	639.53	103.90	114.25	99.989	36.845	169.62

#1	.00005	-.01018	-.00043	.00028	-.00012	-.00741	.00007	-.03660
#2	-.00008	.00555	.00027	.00004	-.00114	-.00127	.00013	.00332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	.00055	-.14112	.00034	-.00042	.00500	-.00020	.00541
Stddev	.00016	.00012	.00700	.00043	.00002	.03628	.00011	.01121
%RSD	11.723	21.010	4.9621	124.67	5.5291	726.07	52.042	207.28

#1	-.00148	.00047	-.14607	.00004	-.00044	.03065	-.00013	.01334
#2	-.00125	.00063	-.13616	.00065	-.00041	-.02066	-.00028	-.00252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00539	.01488	-.00080	.00432	.00465	-.0066	-.00028	F 6.0806
Stddev	.00159	.00081	.00034	.00197	.00106	.0007	.00007	.0596
%RSD	29.403	5.4621	41.971	45.684	22.789	10.45	25.745	.97948

#1	-.00651	.01431	-.00056	.00292	.00390	-.0071	-.00023	6.1227
#2	-.00427	.01546	-.00104	.00571	.00540	-.0061	-.00033	6.0385

Sample Name: CCB06 Acquired: 12/6/2018 18:18:17 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .59853
 Stddev .10552
 %RSD 17.630

#1 .52392
 #2 .67315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.0	50853.	3923.9	91.087	4167.1
Stddev	2.5	68.	26.0	1.397	.1
%RSD	.06867	.13328	.66274	1.5332	.00152

#1	3676.8	50805.	3942.3	90.100	4167.1
#2	3673.2	50901.	3905.5	92.075	4167.0

Sample Name: J6225-01MS Acquired: 12/6/2018 18:22:23 Type: Unk
Method: P4-ICP2(v2634) 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	.80454	1.6852	.91868	1.9040	.79536	2.0172	.21842	.19683
Stddev	.00491	.0056	.00319	.0016	.00505	.0139	.00059	.00020
%RSD	.61036	.33417	.34719	.08456	.63476	.68706	.27086	.10186

#1	.80107	1.6812	.91643	1.9029	.79179	2.0270	.21884	.19668
#2	.80801	1.6892	.92094	1.9052	.79893	2.0074	.21800	.19697

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17913	45.064	.37724	.18692	.28412	2.5594	.19261	56.276
Stddev	.00113	.039	.00186	.00095	.00173	.0544	.00052	.281
%RSD	.63182	.08692	.49364	.50955	.60815	2.1260	.27036	.49949

#1	.17832	45.091	.37855	.18625	.28290	2.5209	.19225	56.077
#2	.17993	45.036	.37592	.18760	.28534	2.5979	.19298	56.474

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44033	.06777	406.12	.26411	.18611	26.983	.36751	.44660
Stddev	.00214	.00082	2.37	.00151	.00555	.210	.00334	.00403
%RSD	.48584	1.2036	.58301	.57197	2.9810	.77918	.91014	.90328

#1	.43881	.06719	407.79	.26518	.18219	27.132	.36514	.44945
#2	.44184	.06834	404.44	.26304	.19003	26.835	.36987	.44374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.403	4.0517	.59151	.18701	.19236	5.711	.63052	6.3116
Stddev	.022	.0333	.00450	.00079	.00062	.021	.00333	.0622
%RSD	.06727	.82124	.76020	.42004	.32366	.3770	.52766	.98594

#1	32.418	4.0281	.58833	.18645	.19192	5.696	.63288	6.3556
#2	32.387	4.0752	.59469	.18756	.19280	5.726	.62817	6.2676

Sample Name: J6225-01MS Acquired: 12/6/2018 18:22:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7752
Stddev .0487
%RSD 2.7427

#1 1.7408
#2 1.8096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.8	50169.	4217.3	99.632	3768.8
Stddev	4.1	71.	.7	2.465	1.2
%RSD	.11062	.14217	.01765	2.4743	.03102

#1	3719.7	50220.	4217.8	101.38	3768.0
#2	3713.9	50119.	4216.8	97.889	3769.6

Sample Name: J6225-01MSD Acquired: 12/6/2018 18:26:18 Type: Unk
Method: P4-ICP2(v2634) 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	.80013	1.6668	.90778	1.8909	.78838	1.9869	.21393	.19416
Stddev	.01000	.0179	.01140	.0187	.00874	.0220	.00159	.00059
%RSD	1.2493	1.0706	1.2562	.98754	1.1082	1.1070	.74471	.30601
#1	.79306	1.6542	.89972	1.8777	.78221	1.9714	.21280	.19374
#2	.80720	1.6794	.91585	1.9041	.79456	2.0025	.21505	.19458
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17686	44.654	.37643	.18473	.28118	2.4984	.19036	55.262
Stddev	.00261	.315	.00127	.00282	.00172	.0300	.00043	.002
%RSD	1.4750	.70482	.33829	1.5245	.61162	1.1986	.22672	.00376
#1	.17501	44.431	.37553	.18274	.27997	2.5196	.19006	55.261
#2	.17870	44.876	.37733	.18672	.28240	2.4772	.19067	55.264
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43437	.06674	401.16	.26112	.18083	26.529	.36516	.41938
Stddev	.00537	.00072	1.95	.00076	.00165	.134	.00339	.01647
%RSD	1.2356	1.0840	.48596	.28998	.91506	.50617	.92704	3.9272
#1	.43058	.06623	402.54	.26165	.18200	26.434	.36277	.40774
#2	.43817	.06725	399.78	.26058	.17966	26.624	.36756	.43103
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.155	3.9704	.58945	.18443	.18599	5.655	.62151	6.3773
Stddev	.290	.0181	.00754	.00010	.00037	.083	.00410	.0110
%RSD	.90152	.45560	1.2792	.05236	.19798	1.471	.65921	.17298
#1	31.950	3.9576	.58412	.18450	.18625	5.596	.61862	6.3695
#2	32.360	3.9832	.59478	.18436	.18573	5.714	.62441	6.3851

Sample Name: J6225-01MSD Acquired: 12/6/2018 18:26:18 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5250
Stddev	.4452
%RSD	29.192

#1	1.2102
#2	1.8398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.2	50599.	4292.2	102.13	3810.4
Stddev	19.6	161.	11.9	1.37	24.9
%RSD	.52430	.31824	.27745	1.3459	.65342

#1	3750.1	50713.	4300.6	101.15	3828.0
#2	3722.4	50485.	4283.7	103.10	3792.8

Sample Name: J6225-01A Acquired: 12/6/2018 18:30:14 Type: Unk
Method: P4-ICP2(v2634) 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	.80864	1.6781	.91198	1.9121	.79854	1.9642	.21466	.18977
Stddev	.00545	.0059	.00605	.0161	.00984	.0241	.00063	.00028
%RSD	.67393	.35421	.66306	.84420	1.2321	1.2258	.29511	.14707

#1	.81249	1.6823	.91625	1.9235	.80550	1.9472	.21422	.18997
#2	.80478	1.6739	.90770	1.9007	.79158	1.9812	.21511	.18957

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17776	44.831	.36756	.18496	.28360	2.5641	.18628	55.279
Stddev	.00091	.215	.00011	.00090	.00177	.0075	.00017	.244
%RSD	.50921	.48061	.02876	.48505	.62536	.29277	.09033	.44101

#1	.17840	44.679	.36764	.18559	.28485	2.5694	.18616	55.106
#2	.17712	44.983	.36749	.18432	.28234	2.5588	.18640	55.451

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43649	.06529	401.62	.25653	.18694	26.747	.37047	.43215
Stddev	.00104	.00116	4.58	.00258	.00153	.114	.00164	.00248
%RSD	.23833	1.7836	1.1406	1.0058	.81977	.42779	.44342	.57467

#1	.43576	.06612	398.38	.25835	.18803	26.666	.37163	.43039
#2	.43723	.06447	404.86	.25470	.18586	26.828	.36931	.43390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.213	4.0118	.59274	.18397	.18908	5.701	.62838	5.9988
Stddev	.000	.0357	.00400	.00107	.00388	.025	.00142	.0783
%RSD	.00014	.89071	.67528	.58095	2.0539	.4316	.22638	1.3049

#1	32.213	3.9865	.59557	.18321	.19182	5.719	.62738	6.0541
#2	32.213	4.0371	.58991	.18472	.18633	5.684	.62939	5.9434

Sample Name: J6225-01A Acquired: 12/6/2018 18:30:14 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3575
Stddev	.0471
%RSD	3.4695

#1	1.3908
#2	1.3242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3727.8	51620.	4278.7	99.652	3822.3
Stddev	10.6	126.	25.4	.195	6.3
%RSD	.28562	.24468	.59440	.19565	.16353

#1	3720.3	51531.	4296.7	99.514	3826.8
#2	3735.4	51710.	4260.8	99.790	3817.9

Sample Name: PB115398BL Acquired: 12/6/2018 18:38:01 Type: Unk
Method: P4-ICP2(v2634) 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	.00089	-.00189	F .00460	.00269	-.00021	-.00229	.00769
Stddev	.00114	.00029	.00074	.00111	.00084	.00149	.00058
%RSD	127.23	15.363	16.020	41.140	407.39	65.142	7.5676

#1	.00009	-.00169	.00407	.00191	.00039	-.00123	.00727
#2	.00170	-.00210	.00512	.00347	-.00080	-.00334	.00810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00002	.00350	.00029	.00020	.00068	.00607
Stddev	.00001	.00008	.01115	.00028	.00005	.00005	.00523
%RSD	13.606	367.60	318.90	98.146	26.208	7.8766	86.045

#1	.00011	-.00003	.01138	.00049	.00016	.00064	.00238
#2	.00009	.00008	-.00439	.00009	.00024	.00071	.00977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03481	-.00093	.00005	-.00231	.00008	-.00042
Stddev	.00008	.03818	.00009	.00042	.01103	.00032	.00006
%RSD	111.02	109.69	10.173	767.42	477.53	394.42	14.726

#1	.00002	.06181	-.00087	.00035	-.01011	.00030	-.00047
#2	.00013	.00781	-.00100	-.00024	.00549	-.00014	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05311	-.00011	.00803	-.00508	.01074	-.00255	.00609
Stddev	.01786	.00058	.00422	.00207	.00183	.00055	.00231
%RSD	33.625	518.62	52.507	40.760	17.020	21.635	37.901

#1	.06573	-.00053	.01101	-.00361	.01203	-.00294	.00772
#2	.04048	.00030	.00505	-.00654	.00944	-.00216	.00446

Sample Name: PB115398BL Acquired: 12/6/2018 18:38:01 Type: Unk
 Method: P4-ICP2(v2634) 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	F .00538	-.0049	-.00029	F 5.9658	F<.00000
Stddev	.00081	.0007	.00011	.0357	.31972
%RSD	15.056	14.13	39.206	.59784	203.67
#1	.00480	-.0054	-.00036	5.9910	.06910
#2	.00595	-.0044	-.00021	5.9405	-.38305
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.4	51792.	3990.8	95.746	4238.3
Stddev	25.8	50.	7.7	.289	21.1
%RSD	.69016	.09698	.19176	.30156	.49783
#1	3722.1	51757.	3985.4	95.950	4223.4
#2	3758.6	51828.	3996.2	95.542	4253.3

Sample Name: PB115398TB Acquired: 12/6/2018 18:42:06 Type: Unk
Method: P4-ICP2(v2634) 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	-.00402	-.00663	.00230	.00395	-.00153	.00627	.00861	-.00005
Stddev	.00476	.00065	.00021	.00148	.00113	.00705	.00049	.00001
%RSD	118.31	9.7582	9.0641	37.428	73.371	112.37	5.7190	14.106

#1	-.00066	-.00709	.00245	.00290	-.00074	.00129	.00896	-.00006
#2	-.00738	-.00618	.00215	.00499	-.00233	.01126	.00826	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00711	.00113	-.00042	-.00077	.02294	.00025	.00206
Stddev	.00012	.02061	.00013	.00029	.00026	.00591	.00000	.00265
%RSD	68.890	289.66	11.778	69.963	33.415	25.779	.54490	128.91

#1	-.00027	.02169	.00123	-.00062	-.00095	.01876	.00025	.00393
#2	-.00009	-.00746	.00104	-.00021	-.00059	.02712	.00025	.00018

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.00304	F 352.36	-.00016	.00253	.07840	-.00014	-.02061
Stddev	.00046	.00011	2.58	.00019	.00020	.04910	.00002	.00296
%RSD	31.934	3.5159	.73313	124.81	7.7687	62.627	14.556	14.351

#1	.00112	.00311	354.18	-.00002	.00267	.04368	-.00015	-.02270
#2	.00177	.00296	350.53	-.00029	.00240	.11312	-.00012	-.01852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00422	.02847	-.00068	.00228	.00913	-.0071	-.00031	F 6.9485
Stddev	.00216	.00290	.00003	.00010	.00046	.0008	.00006	.0329
%RSD	51.221	10.186	3.9590	4.3638	4.9976	11.49	19.096	.47344

#1	-.00575	.02642	-.00070	.00235	.00945	-.0065	-.00035	6.9253
#2	-.00269	.03053	-.00066	.00221	.00880	-.0077	-.00027	6.9718

Sample Name: PB115398TB Acquired: 12/6/2018 18:42:06 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5016
Stddev .0016
%RSD .10507

#1 1.5027
#2 1.5005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.8	46295.	3840.4	88.338	3545.3
Stddev	19.0	57.	21.1	.737	21.3
%RSD	.55671	.12376	.54928	.83381	.60125

#1	3407.4	46255.	3825.5	87.817	3530.2
#2	3434.3	46336.	3855.3	88.858	3560.3

Sample Name: PB115399BL Acquired: 12/6/2018 18:46:16 Type: Unk
Method: P4-ICP2(v2634) 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	-.00209	-.00203	.00270	-.00139	-.00211	.00099	.00800	.00001
Stddev	.00053	.00059	.00053	.00204	.00108	.01449	.00078	.00004
%RSD	25.407	29.103	19.496	146.67	51.080	1456.8	9.7826	390.85
#1	-.00171	-.00245	.00308	.00005	-.00135	.01124	.00855	-.00002
#2	-.00246	-.00161	.00233	-.00283	-.00287	-.00925	.00745	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00682	-.00013	-.00014	-.00055	.01483	.00009	-.00564
Stddev	.00006	.01156	.00002	.00008	.00013	.00173	.00002	.03567
%RSD	68.014	169.56	14.986	52.486	23.175	11.699	18.843	632.06
#1	-.00013	.01499	-.00011	-.00020	-.00064	.01605	.00008	-.03086
#2	-.00005	-.00136	-.00014	-.00009	-.00046	.01360	.00010	.01958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00001	-.00856	.00033	-.00054	.02674	-.00016	.00975
Stddev	.00046	.00022	.01098	.00032	.00018	.02497	.00022	.00267
%RSD	37.884	2758.0	128.23	94.950	32.428	93.386	135.34	27.345
#1	-.00154	.00015	-.00080	.00056	-.00042	.04440	-.00031	.00787
#2	-.00089	-.00016	-.01633	.00011	-.00066	.00908	-.00001	.01164
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00811	.01272	-.00276	.00172	.00472	-.0048	-.00022	F 6.0569
Stddev	.00077	.00466	.00106	.00400	.00154	.0001	.00010	.0427
%RSD	9.4653	36.635	38.492	232.87	32.712	1.539	46.221	.70533
#1	-.00757	.00942	-.00201	-.00111	.00363	-.0049	-.00029	6.0872
#2	-.00866	.01601	-.00351	.00455	.00581	-.0048	-.00015	6.0267

Sample Name: PB115399BL Acquired: 12/6/2018 18:46:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .27291
Stddev .21504
%RSD 78.794

#1 .42496
#2 .12086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.8	51351.	3963.8	94.354	4230.8
Stddev	12.4	82.	9.4	.277	11.0
%RSD	.33305	.15985	.23628	.29352	.26078

#1	3723.0	51293.	3970.5	94.550	4223.0
#2	3740.6	51409.	3957.2	94.158	4238.6

Sample Name: PB115399TB Acquired: 12/6/2018 18:54:10 Type: Unk
Method: P4-ICP2(v2634) 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	-.00671	-.00493	.00197	.00255	.00199	-.00023	.00799	-.00009
Stddev	.00259	.00040	.00040	.00276	.00137	.00705	.00027	.00003
%RSD	38.650	8.1913	20.399	108.33	68.934	3109.1	3.3379	36.145

#1	-.00854	-.00521	.00226	.00450	.00296	.00476	.00818	-.00007
#2	-.00487	-.00464	.00169	.00060	.00102	-.00521	.00780	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.02517	.00131	-.00058	-.00094	.01137	.00018	.06915
Stddev	.00003	.00060	.00002	.00008	.00000	.00504	.00002	.00360
%RSD	15.630	2.3750	1.7971	14.369	.11575	44.315	9.9615	5.2046

#1	-.00019	.02559	.00129	-.00052	-.00095	.00781	.00019	.07170
#2	-.00023	.02475	.00132	-.00064	-.00094	.01493	.00016	.06661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00419	F 398.88	-.00015	.00182	.08502	-.00026	-.00618
Stddev	.00034	.00016	4.22	.00002	.00006	.07996	.00001	.00394
%RSD	30.785	3.7939	1.0579	12.853	3.3066	94.047	5.4949	63.828

#1	.00087	.00430	395.90	-.00014	.00187	.02848	-.00025	-.00897
#2	.00135	.00408	401.87	-.00017	.00178	.14157	-.00027	-.00339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00457	.02820	-.00177	.00339	.00708	-.0070	-.00032	F 7.3551
Stddev	.00101	.00086	.00111	.00191	.00755	.0009	.00003	.0861
%RSD	22.029	3.0638	62.811	56.413	106.69	13.17	9.9770	1.1705

#1	-.00386	.02759	-.00256	.00204	.00174	-.0064	-.00034	7.4160
#2	-.00528	.02881	-.00098	.00474	.01242	-.0077	-.00030	7.2942

Sample Name: PB115399TB Acquired: 12/6/2018 18:54:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3309
Stddev .1003
%RSD 7.5345

#1 1.4018
#2 1.2600

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.6	45204.	3786.2	87.308	3493.0
Stddev	18.4	67.	20.6	.519	25.7
%RSD	.54797	.14736	.54483	.59392	.73554

#1	3352.6	45157.	3800.8	86.942	3474.8
#2	3378.7	45251.	3771.6	87.675	3511.2

Sample Name: PB115371BL Acquired: 12/6/2018 18:58:20 Type: Unk
Method: P4-ICP2(v2634) 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	-.00126	-.00320	.00252	-.00206	-.00179	-.00528	.00876
Stddev	.00242	.00047	.00001	.00112	.00149	.00295	.00041
%RSD	191.99	14.553	.33345	54.537	83.141	55.869	4.6390

#1	.00045	-.00353	.00252	-.00127	-.00285	-.00736	.00905
#2	-.00297	-.00287	.00253	-.00286	-.00074	-.00319	.00848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00008	-.00293	.00034	.00002	.00010	.01763
Stddev	.00002	.00007	.00988	.00021	.00028	.00112	.01067
%RSD	137.63	78.131	337.09	62.120	1576.5	1150.9	60.529

#1	.00000	-.00013	-.00992	.00049	-.00018	.00089	.01009
#2	.00002	-.00004	.00406	.00019	.00022	-.00069	.02518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03715	-.00135	.00025	-.02154	-.00057	-.00068
Stddev	.00010	.05369	.00015	.00033	.02425	.00016	.00011
%RSD	138.39	144.51	11.010	131.43	112.57	28.187	16.659

#1	.00000	.07511	-.00145	.00002	-.03869	-.00068	-.00060
#2	.00014	-.00081	-.00124	.00048	-.00439	-.00045	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00724	-.00037	.00018	F -.01179	.01302	-.00340	.00803
Stddev	.01650	.00003	.00701	.00430	.00306	.00030	.00329
%RSD	227.78	9.5384	3818.6	36.469	23.526	8.8966	41.013

#1	.01891	-.00034	-.00478	-.00875	.01086	-.00319	.01035
#2	-.00442	-.00039	.00514	-.01483	.01519	-.00362	.00570

Sample Name: PB115371BL Acquired: 12/6/2018 18:58:20 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.0038	-.00030	F 6.4733	F .78556
Stddev	.00087	.0014	.00003	.2183	.18445
%RSD	23.772	37.94	9.1265	3.3723	23.480

#1	.00430	-.0048	-.00032	6.6276	.65514
#2	.00306	-.0028	-.00028	6.3189	.91599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3756.2	50466.	3926.8	94.183	4254.8
Stddev	.9	1032.	5.4	1.108	3.4
%RSD	.02359	2.0446	.13718	1.1762	.07931

#1	3756.8	49737.	3930.6	93.400	4252.4
#2	3755.6	51196.	3923.0	94.967	4257.2

Sample Name: PB115407BS Acquired: 12/6/2018 19:02:25 Type: Unk
Method: P4-ICP2(v2634) 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	.79329	1.8704	.95620	1.8645	.82749	1.9924	.21654
Stddev	.00485	.0023	.00032	.0107	.00144	.0174	.00087
%RSD	.61130	.12439	.03320	.57236	.17445	.87072	.40160

#1	.79672	1.8687	.95643	1.8569	.82851	1.9801	.21715
#2	.78987	1.8720	.95598	1.8720	.82647	2.0047	.21592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18985	.17758	1.0946	.41007	.19167	.31428	2.8148
Stddev	.00045	.00007	.0257	.00053	.00030	.00041	.0534
%RSD	.23700	.04176	2.3489	.12876	.15607	.13113	1.8963

#1	.19017	.17752	1.0764	.41044	.19146	.31398	2.7771
#2	.18953	.17763	1.1128	.40969	.19188	.31457	2.8526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20774	2.0232	.45763	.07380	2.8610	.27496	.20257
Stddev	.00013	.0109	.00065	.00033	.0045	.00039	.00034
%RSD	.06276	.53742	.14147	.44473	.15829	.14117	.16578

#1	.20783	2.0155	.45717	.07403	2.8578	.27469	.20234
#2	.20765	2.0309	.45809	.07357	2.8642	.27523	.20281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.277	.39876	.28429	F 4.0775	1.0124	.61852	.20597
Stddev	.044	.00025	.00824	.0000	.0055	.00061	.00133
%RSD	.42602	.06325	2.8993	.00088	.53916	.09865	.64527

#1	10.308	.39893	.27846	4.0775	1.0085	.61809	.20691
#2	10.246	.39858	.29011	4.0775	1.0162	.61895	.20503

Sample Name: PB115407BS Acquired: 12/6/2018 19:02:25 Type: Unk
Method: P4-ICP2(v2634) 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	.21390	5.048	.21963	F 6.4044	F<.00000
Stddev	.00364	.014	.00069	.0080	.43411
%RSD	1.7032	.2783	.31518	.12471	82.214

#1	.21647	5.038	.22012	6.3987	-.83499
#2	.21132	5.058	.21914	6.4100	-.22106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.5	49991.	3854.0	90.617	4035.5
Stddev	1.1	65.	35.7	.236	2.4
%RSD	.03018	.12945	.92605	.26011	.05936

#1	3650.8	49945.	3828.7	90.783	4037.2
#2	3652.3	50037.	3879.2	90.450	4033.8

Sample Name: PB115399BS Acquired: 12/6/2018 19:10:06 Type: Unk
Method: P4-ICP2(v2634) 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	.78884	1.8831	.96666	1.8629	.80796	2.0102	.22184
Stddev	.00178	.0036	.00395	.0074	.00080	.0123	.00040
%RSD	.22606	.19174	.40875	.39899	.09865	.61196	.18147

#1	.78758	1.8856	.96945	1.8682	.80853	2.0015	.22212
#2	.79010	1.8805	.96386	1.8577	.80740	2.0189	.22155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18824	.18083	1.1108	.41703	.19550	.31893	2.8961
Stddev	.00015	.00065	.0286	.00162	.00012	.00131	.0119
%RSD	.08214	.36035	2.5740	.38932	.06127	.41137	.41095

#1	.18835	.18129	1.1310	.41818	.19559	.31986	2.8877
#2	.18813	.18037	1.0905	.41589	.19542	.31800	2.9045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21163	2.0717	.46690	.07472	2.9003	.28691	.20321
Stddev	.00011	.0219	.00111	.00027	.0174	.00060	.00116
%RSD	.05354	1.0583	.23670	.35754	.59838	.21043	.57266

#1	.21171	2.0562	.46768	.07491	2.8880	.28734	.20238
#2	.21155	2.0872	.46611	.07454	2.9126	.28649	.20403

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.458	.39883	.28781	F -.01762	.99239	.61565	.20385
Stddev	.086	.00048	.00070	.00216	.00001	.00000	.00084
%RSD	.82121	.11912	.24296	12.259	.00051	.00033	.40965

#1	10.519	.39849	.28831	-.01609	.99240	.61565	.20444
#2	10.398	.39916	.28732	-.01915	.99239	.61565	.20326

Sample Name: PB115399BS Acquired: 12/6/2018 19:10:06 Type: Unk
Method: P4-ICP2(v2634) 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	.21228	5.029	.22298	F 6.1806	F<.00000
Stddev	.00025	.005	.00095	.0843	.15667
%RSD	.11682	.0916	.42799	1.3638	12.355

#1	.21211	5.032	.22365	6.2402	-1.1573
#2	.21246	5.025	.22230	6.1210	-1.3788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.0	50412.	3857.7	90.846	4021.0
Stddev	1.5	193.	39.3	.442	11.6
%RSD	.04148	.38267	1.0191	.48647	.28775

#1	3644.9	50276.	3829.9	91.158	4012.9
#2	3647.1	50548.	3885.5	90.533	4029.2

Sample Name: CCV07 Acquired: 12/6/2018 19:13:56 Type: Unk
Method: P4-ICP2(v2634) 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	5.2693	4.8826	5.0902	5.0089	5.2668	10.506	10.334	.25490
Stddev	.0297	.0164	.0281	.0312	.0295	.049	.059	.00068
%RSD	.56462	.33508	.55142	.62225	.56093	.46745	.57228	.26563
#1	5.2903	4.8942	5.1101	5.0310	5.2876	10.472	10.376	.25442
#2	5.2483	4.8711	5.0704	4.9869	5.2459	10.541	10.292	.25538
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4398	27.069	1.0458	2.4892	1.2783	4.8201	2.5809	25.632
Stddev	.0143	.241	.0067	.0101	.0065	.0355	.0035	.102
%RSD	.58722	.89133	.64202	.40581	.50891	.73757	.13688	.39604
#1	2.4500	26.899	1.0506	2.4964	1.2829	4.7949	2.5834	25.560
#2	2.4297	27.240	1.0411	2.4821	1.2737	4.8452	2.5784	25.704
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3922	1.3535	24.317	2.3532	2.6217	25.739	4.9073	4.9633
Stddev	.0128	.0083	.124	.0037	.0027	.045	.0319	.0050
%RSD	.53336	.61140	.50788	.15496	.10435	.17364	.65056	.09978
#1	2.4012	1.3594	24.405	2.3558	2.6198	25.771	4.9299	4.9668
#2	2.3832	1.3477	24.230	2.3507	2.6236	25.708	4.8847	4.9598
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7047	5.2068	4.6622	5.0110	5.1634	4.821	F 5.5093	F 6.9619
Stddev	.0123	.0137	.0398	.0154	.0239	.018	.0072	.0666
%RSD	.26127	.26278	.85471	.30681	.46331	.3834	.13078	.95727
#1	4.7134	5.2165	4.6904	5.0218	5.1803	4.834	5.5144	7.0090
#2	4.6960	5.1971	4.6340	5.0001	5.1465	4.808	5.5042	6.9147

Sample Name: CCV07 Acquired: 12/6/2018 19:13:56 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0549
Stddev .5226
%RSD 25.433

#1 2.4245
#2 1.6854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.3	48351.	3895.3	87.361	3713.1
Stddev	23.0	245.	18.5	.035	22.6
%RSD	.63499	.50588	.47563	.04033	.60844

#1	3602.1	48178.	3882.2	87.385	3697.1
#2	3634.5	48524.	3908.4	87.336	3729.1

Sample Name: CCB07 Acquired: 12/6/2018 19:17:41 Type: Unk
Method: P4-ICP2(v2634) 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	-.00174	-.00130	.00387	.00138	-.00087	-.01202	.00885	.00002
Stddev	.00273	.00027	.00065	.00151	.00243	.00671	.00070	.00001
%RSD	156.57	20.551	16.847	109.03	280.29	55.802	7.8626	42.579

#1	.00019	-.00149	.00433	.00032	-.00259	-.00728	.00934	.00003
#2	-.00367	-.00111	.00341	.00245	.00085	-.01677	.00836	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01011	.00069	.00020	-.00057	.00426	.00006	.01577
Stddev	.00008	.00443	.00016	.00012	.00067	.01197	.00001	.08590
%RSD	840.80	43.798	22.732	57.565	117.74	280.85	16.138	544.56

#1	-.00005	-.01325	.00080	.00012	-.00104	-.00420	.00007	.07651
#2	.00007	-.00698	.00058	.00029	-.00010	.01272	.00006	-.04497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	.00041	-.15093	.00035	-.00066	-.04055	-.00027	.00291
Stddev	.00001	.00037	.01037	.00018	.00003	.01616	.00000	.00431
%RSD	.82679	90.441	6.8715	52.486	4.3225	39.859	.87114	148.25

#1	-.00127	.00015	-.15827	.00047	-.00068	-.02912	-.00026	-.00014
#2	-.00128	.00068	-.14360	.00022	-.00064	-.05198	-.00027	.00596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01082	.01170	-.00098	.00551	.00147	-.0050	-.00022	F 6.1129
Stddev	.00046	.00247	.00020	.00336	.00142	.0009	.00001	.0051
%RSD	4.2336	21.083	20.127	61.078	97.017	18.10	3.4724	.08376

#1	-.01049	.01344	-.00112	.00313	.00046	-.0057	-.00021	6.1092
#2	-.01114	.00995	-.00084	.00788	.00247	-.0044	-.00022	6.1165

Sample Name: CCB07 Acquired: 12/6/2018 19:17:41 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .43112
Stddev	.26510
%RSD	61.491

#1	.61857
#2	.24366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3773.6	51612.	3955.8	93.488	4270.8
Stddev	12.7	1.	5.3	.831	10.5
%RSD	.33652	.00205	.13325	.88873	.24509

#1	3764.6	51612.	3959.6	94.075	4263.4
#2	3782.5	51613.	3952.1	92.900	4278.2

Sample Name: PB115371BS Acquired: 12/6/2018 19:21:46 Type: Unk
Method: P4-ICP2(v2634) 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	.77474	1.8537	.94649	1.8274	.79723	2.0072	.21796
Stddev	.00020	.0041	.00081	.0005	.00005	.0112	.00053
%RSD	.02564	.22182	.08569	.02737	.00587	.55589	.24336

#1	.77488	1.8508	.94592	1.8271	.79726	1.9993	.21833
#2	.77460	1.8566	.94707	1.8278	.79719	2.0151	.21758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18505	.17708	1.1217	.41908	.19146	.31382	2.8711
Stddev	.00047	.00037	.0447	.00211	.00020	.00022	.0277
%RSD	.25168	.20653	3.9814	.50230	.10236	.07164	.96322

#1	.18472	.17682	1.1533	.41759	.19132	.31398	2.8516
#2	.18538	.17734	1.0902	.42056	.19160	.31366	2.8907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20821	2.0335	.45828	.07372	2.8287	.28189	.20182
Stddev	.00050	.0553	.00059	.00113	.0066	.00087	.00006
%RSD	.24207	2.7211	.12793	1.5330	.23513	.30745	.02878

#1	.20785	1.9944	.45870	.07292	2.8334	.28127	.20186
#2	.20857	2.0726	.45787	.07452	2.8240	.28250	.20178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.284	.39390	.30819	F -.01405	.98487	.60695	.20162
Stddev	.003	.00090	.00609	.00086	.02015	.00298	.00263
%RSD	.02480	.22765	1.9753	6.1037	2.0461	.49166	1.3041

#1	10.286	.39327	.31249	-.01344	.99912	.60484	.20348
#2	10.283	.39454	.30389	-.01465	.97062	.60906	.19976

Sample Name: PB115371BS Acquired: 12/6/2018 19:21:46 Type: Unk
 Method: P4-ICP2(v2634) 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	.20900	4.967	.22273	F 6.4088	F<.00000
Stddev	.00121	.004	.00197	.0175	.19573
%RSD	.58094	.0706	.88643	.27274	22.749

#1	.20814	4.964	.22412	6.3965	-.72199
#2	.20986	4.969	.22133	6.4212	-.99880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.7	50561.	3876.7	90.779	4080.7
Stddev	14.6	14.	78.2	.206	2.9
%RSD	.39467	.02800	2.0179	.22719	.07189

#1	3680.4	50571.	3821.4	90.633	4078.7
#2	3701.0	50551.	3932.0	90.925	4082.8

Sample Name: J6188-01 Acquired: 12/6/2018 19:25:36 Type: Unk
Method: P4-ICP2(v2634) 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	.08360	-.00834	.29484	.05290	.00518	144.01	.46052
Stddev	.00307	.00183	.00237	.00421	.00235	.42	.00024
%RSD	3.6724	21.935	.80385	7.9549	45.333	.29007	.05107

#1	.08577	-.00963	.29316	.04993	.00352	143.72	.46036
#2	.08143	-.00705	.29651	.05588	.00684	144.31	.46069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00811	-.00280	172.40	.31355	.07508	.14912	274.46
Stddev	.00011	.00033	1.81	.00089	.00020	.00022	4.00
%RSD	1.3690	11.898	1.0499	.28252	.26924	.14459	1.4559

#1	.00819	-.00257	171.12	.31418	.07493	.14928	271.64
#2	.00803	-.00304	173.68	.31293	.07522	.14897	277.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7489	94.762	.12044	-.00842	1.9462	.35680	.66565
Stddev	.0009	.387	.00104	.00114	.0261	.00083	.00628
%RSD	.05287	.40811	.86649	13.575	1.3391	.23230	.94410

#1	1.7482	94.488	.12118	-.00923	1.9278	.35621	.66121
#2	1.7496	95.035	.11970	-.00761	1.9647	.35739	.67010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.065	.00476	.20079	3.6470	4.7485	.01093	.97709
Stddev	.032	.00020	.00386	.0044	.0156	.00021	.00125
%RSD	.21098	4.2516	1.9241	.11986	.32756	1.9190	.12838

#1	15.043	.00490	.19806	3.6439	4.7595	.01078	.97798
#2	15.088	.00462	.20352	3.6501	4.7375	.01108	.97620

Sample Name: J6188-01 Acquired: 12/6/2018 19:25:36 Type: Unk
 Method: P4-ICP2(v2634) 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	.15722	5.366	-.04325	5.3593	F<.00000
Stddev	.00364	.015	.00244	.0363	.69643
%RSD	2.3139	.2833	5.6324	.67734	1.2314

#1	.15465	5.355	-.04153	5.3849	-57.048
#2	.15980	5.377	-.04497	5.3336	-56.063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.8	51769.	4314.6	87.096	3519.7
Stddev	12.3	79.	9.2	.858	4.2
%RSD	.32050	.15323	.21398	.98557	.12053

#1	3829.1	51713.	4321.2	87.703	3522.7
#2	3846.5	51826.	4308.1	86.489	3516.7

Sample Name: J6172-02 Acquired: 12/6/2018 19:29:36 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180974-B-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16918	-.01107	.89933	.04042	.00556	118.54	.34961
Stddev	.00193	.00181	.00378	.00008	.00006	.25	.00158
%RSD	1.1398	16.354	.42080	.19540	1.0429	.21284	.45262

#1	.16782	-.01235	.89666	.04047	.00560	118.72	.35073
#2	.17054	-.00979	.90201	.04036	.00552	118.36	.34849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	.00481	87.551	.59093	.07119	1.9025	216.47
Stddev	.00010	.00011	.576	.00320	.00021	.0050	1.93
%RSD	1.8140	2.3350	.65820	.54084	.29258	.26444	.89189

#1	.00548	.00489	87.958	.59319	.07134	1.8990	217.83
#2	.00534	.00473	87.143	.58867	.07104	1.9061	215.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7812	53.099	.18797	-.00202	12.720	.37708	3.2191
Stddev	.0012	.109	.00079	.00042	.044	.00326	.0448
%RSD	.06455	.20619	.42003	20.966	.34326	.86411	1.3918

#1	1.7820	53.177	.18742	-.00232	12.751	.37938	3.2508
#2	1.7803	53.022	.18853	-.00172	12.689	.37477	3.1875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.028	.03301	.23207	F 100.35	3.3956	.00959	4.9597
Stddev	.132	.00001	.01160	.29	.0553	.00090	.0256
%RSD	.52619	.02666	5.0000	.29322	1.6272	9.3323	.51623

#1	25.121	.03301	.22387	100.14	3.4347	.00896	4.9778
#2	24.935	.03302	.24028	100.56	3.3565	.01022	4.9416

Sample Name: J6172-02 Acquired: 12/6/2018 19:29:36 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180974-B-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21704	5.577	.24412	5.2827	F<.00000
Stddev	.00043	.025	.00039	.0472	.07679
%RSD	.19645	.4463	.16156	.89326	.19540

#1	.21673	5.560	.24440	5.2494	-39.355
#2	.21734	5.595	.24384	5.3161	-39.246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.8	53221.	4396.9	90.637	3672.8
Stddev	1.9	258.	33.8	1.353	9.3
%RSD	.04899	.48538	.76892	1.4930	.25256

#1	3913.4	53038.	4373.0	89.680	3679.4
#2	3916.2	53404.	4420.9	91.593	3666.3

Sample Name: J6172-03 Acquired: 12/6/2018 19:33:31 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180975-B-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13252	-.00868	2.3874	.03382	.00727	101.71	.65729
Stddev	.00022	.00103	.0045	.00059	.00172	.59	.00033
%RSD	.16317	11.853	.18948	1.7512	23.689	.57893	.05027

#1	.13267	-.00795	2.3906	.03340	.00849	102.12	.65706
#2	.13236	-.00941	2.3842	.03424	.00605	101.29	.65753

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	.00425	38.059	.46055	.05832	2.9300	188.26
Stddev	.00017	.00014	.205	.00198	.00017	.0010	.49
%RSD	3.7687	3.2956	.53783	.43046	.29796	.03333	.25789

#1	.00447	.00435	37.914	.45915	.05844	2.9293	188.61
#2	.00471	.00415	38.203	.46196	.05819	2.9306	187.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4212	49.729	.16497	-.00193	76.533	.29854	3.1462
Stddev	.0023	.006	.00026	.00006	.188	.00201	.0131
%RSD	.16298	.01287	.15924	3.3423	.24503	.67440	.41680

#1	1.4228	49.725	.16478	-.00198	76.401	.29711	3.1555
#2	1.4195	49.734	.16515	-.00188	76.666	.29996	3.1369

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.595	.03126	.28537	F 100.15	2.6981	.04511	4.0741
Stddev	.036	.00037	.01117	.12	.0307	.00016	.0041
%RSD	.15206	1.1865	3.9137	.11541	1.1372	.34983	.10123

#1	23.570	.03100	.27747	100.23	2.6764	.04500	4.0770
#2	23.621	.03152	.29327	100.07	2.7198	.04522	4.0712

Sample Name: J6172-03 Acquired: 12/6/2018 19:33:31 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180975-B-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18743	5.496	.12815	5.2576	F<.00000
Stddev	.00124	.005	.00176	.2789	.01123
%RSD	.66416	.0857	1.3773	5.3057	.04083

#1	.18831	5.499	.12690	5.4549	-27.498
#2	.18655	5.493	.12940	5.0604	-27.482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3918.1	52968.	4391.4	91.890	3687.3
Stddev	.7	307.	15.8	.240	1.4
%RSD	.01834	.58002	.36058	.26150	.03704

#1	3917.6	52751.	4402.6	91.720	3688.2
#2	3918.6	53185.	4380.2	92.060	3686.3

Sample Name: J6172-04 Acquired: 12/6/2018 19:37:24 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180976-B-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11228	-.00729	.49434	.02680	.00299	63.109	.21560
Stddev	.00195	.00001	.00538	.00719	.00060	1.161	.00241
%RSD	1.7403	.07055	1.0889	26.835	20.130	1.8396	1.1189

#1	.11367	-.00730	.49053	.02171	.00342	62.288	.21389
#2	.11090	-.00729	.49814	.03188	.00256	63.930	.21730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00115	58.797	.35319	.03557	1.1634	119.37
Stddev	.00008	.00003	.641	.00763	.00010	.0020	.53
%RSD	2.9657	2.4256	1.0899	2.1611	.26738	.16820	.44091

#1	.00269	.00113	58.344	.34779	.03563	1.1648	119.74
#2	.00281	.00117	59.250	.35859	.03550	1.1621	119.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90520	50.413	.09555	-.00204	29.820	.18222	1.8944
Stddev	.01946	.038	.00010	.00019	.073	.00280	.0025
%RSD	2.1493	.07482	.10795	9.1111	.24574	1.5372	.13358

#1	.89145	50.439	.09548	-.00191	29.768	.18024	1.8926
#2	.91896	50.386	.09562	-.00217	29.872	.18420	1.8962

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.026	.01978	.17726	F 62.522	2.6374	-.00186	2.7593
Stddev	.020	.00022	.00094	.075	.0604	.00032	.0002
%RSD	.13971	1.0921	.52977	.11953	2.2885	16.967	.00806

#1	14.012	.01993	.17659	62.469	2.5947	-.00163	2.7595
#2	14.040	.01962	.17792	62.574	2.6801	-.00208	2.7592

Sample Name: J6172-04 Acquired: 12/6/2018 19:37:24 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180976-B-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11581	3.791	.05868	5.5803	F<.00000
Stddev	.00091	.013	.00234	.1499	.32712
%RSD	.78594	.3308	3.9893	2.6865	3.7711

#1	.11645	3.783	.05702	5.4743	-8.4431
#2	.11516	3.800	.06033	5.6863	-8.9057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.9	52310.	4233.5	93.199	3764.3
Stddev	5.8	883.	30.8	.105	1.7
%RSD	.15108	1.6880	.72856	.11230	.04561

#1	3823.8	52935.	4255.3	93.125	3763.0
#2	3832.0	51686.	4211.7	93.273	3765.5

Sample Name: J6172-05 Acquired: 12/6/2018 19:41:18 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180977-B-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13896	-.00908	.88010	.04165	.00384	108.33	.34868
Stddev	.00124	.00129	.00073	.00947	.00112	.30	.00223
%RSD	.88904	14.190	.08241	22.743	29.214	.27843	.63819

#1	.13809	-.00999	.88061	.03496	.00463	108.12	.34711
#2	.13984	-.00817	.87959	.04835	.00305	108.55	.35025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	.00334	36.669	.43755	.06581	1.9599	204.27
Stddev	.00006	.00042	.362	.00547	.00059	.0008	3.31
%RSD	1.3453	12.540	.98652	1.2502	.89998	.03827	1.6194

#1	.00478	.00364	36.414	.43368	.06539	1.9594	201.93
#2	.00488	.00304	36.925	.44142	.06623	1.9605	206.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6825	50.130	.17153	-.00292	32.043	.35502	2.9146
Stddev	.0004	.146	.00001	.00043	.023	.00234	.0394
%RSD	.02520	.29042	.00784	14.714	.07026	.65894	1.3530

#1	1.6822	50.028	.17152	-.00261	32.059	.35337	2.8867
#2	1.6828	50.233	.17154	-.00322	32.028	.35667	2.9425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.151	.03938	.27208	F 103.07	2.9456	.00555	4.6123
Stddev	.069	.00012	.01985	.08	.0714	.00184	.0411
%RSD	.27292	.29617	7.2974	.07411	2.4238	33.100	.89192

#1	25.102	.03930	.25804	103.02	2.8951	.00425	4.5832
#2	25.199	.03946	.28612	103.13	2.9960	.00685	4.6414

Sample Name: J6172-05 Acquired: 12/6/2018 19:41:18 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180977-B-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19566	5.654	.05879	5.2210	F<.00000
Stddev	.00172	.023	.00305	.0581	.55080
%RSD	.87948	.4067	5.1949	1.1127	1.5645

#1	.19444	5.638	.06095	5.2621	-34.817
#2	.19687	5.670	.05663	5.1800	-35.596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.5	53378.	4432.7	92.868	3690.8
Stddev	8.9	86.	11.8	1.509	13.8
%RSD	.22615	.16026	.26675	1.6248	.37311

#1	3946.8	53438.	4441.0	93.935	3700.5
#2	3934.2	53318.	4424.3	91.801	3681.0

Sample Name: J6214-19 Acquired: 12/6/2018 19:45:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20490	-.02347	24.472	.10822	.02214	177.32	6.5948
Stddev	.00068	.00204	.048	.00343	.00081	.51	.0139
%RSD	.32969	8.6975	.19550	3.1650	3.6723	.28519	.21082

#1	.20538	-.02203	24.506	.11065	.02271	177.68	6.6047
#2	.20442	-.02492	24.438	.10580	.02156	176.96	6.5850

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00986	.05607	862.79	.52276	.16583	.75318	615.02
Stddev	.00022	.00137	2.02	.00443	.00017	.00368	13.63
%RSD	2.2181	2.4496	.23401	.84682	.10318	.48814	2.2157

#1	.00971	.05510	861.36	.52589	.16571	.75058	624.65
#2	.01002	.05704	864.22	.51963	.16595	.75578	605.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7061	235.72	.56675	-.01162	2.1267	.77254	10.734
Stddev	.0135	.33	.00071	.00015	.0037	.00399	.213
%RSD	.20087	.13954	.12495	1.2909	.17286	.51671	1.9837

#1	6.7157	235.95	.56725	-.01151	2.1241	.77536	10.885
#2	6.6966	235.49	.56625	-.01173	2.1293	.76972	10.584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.728	.03465	.40474	F 13.555	2.5884	.22879	F 10.065
Stddev	.114	.00051	.01569	.026	.0047	.00176	.038
%RSD	.27873	1.4808	3.8754	.19213	.18241	.76803	.37281

#1	40.808	.03429	.41583	13.537	2.5917	.23004	10.092
#2	40.648	.03501	.39365	13.574	2.5851	.22755	10.039

Sample Name: J6214-19 Acquired: 12/6/2018 19:45:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24267	F 11.83	1.5722	4.7713	F<.00000
Stddev	.00083	.01	.0132	.0383	1.8193
%RSD	.34185	.0939	.83908	.80208	1.0762

#1	.24326	11.83	1.5628	4.7983	-170.34
#2	.24209	11.84	1.5815	4.7442	-167.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.0	49083.	4298.5	80.778	2989.6
Stddev	7.2	182.	.6	1.806	9.0
%RSD	.19797	.37052	.01498	2.2356	.30055

#1	3626.9	48955.	4298.0	79.501	2983.2
#2	3637.1	49212.	4298.9	82.055	2995.9

Sample Name: J6214-21 Acquired: 12/6/2018 19:49:12 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02622	-.03819	3.0875	.08076	.01323	338.23	3.3749
Stddev	.00124	.00244	.0019	.00171	.00100	2.29	.0632
%RSD	4.7254	6.3953	.06176	2.1195	7.5591	.67665	1.8715

#1	.02534	-.03646	3.0888	.08198	.01394	339.85	3.4196
#2	.02710	-.03991	3.0861	.07955	.01253	336.61	3.3303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01023	.00525	546.45	.74299	.20616	.72565	468.87
Stddev	.00005	.00024	6.86	.00492	.00053	.00208	2.67
%RSD	.52145	4.5305	1.2553	.66284	.25907	.28663	.56861

#1	.01026	.00508	551.30	.74647	.20654	.72418	470.75
#2	.01019	.00542	541.60	.73951	.20578	.72712	466.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0266	276.11	.44954	-.00097	6.5578	.68933	3.8183
Stddev	.0402	4.35	.00074	.00016	.1297	.00369	.0089
%RSD	.57193	1.5760	.16523	16.888	1.9777	.53586	.23415

#1	7.0550	279.19	.44901	-.00086	6.6495	.69194	3.8246
#2	6.9982	273.03	.45006	-.00109	6.4661	.68671	3.8120

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.036	.00631	.32739	5.0211	3.1063	.04218	F 18.775
Stddev	1.029	.00065	.00697	.0137	.0309	.00011	.340
%RSD	1.1693	10.272	2.1294	.27200	.99378	.27001	1.8120

#1	88.764	.00585	.32246	5.0307	3.1281	.04226	19.016
#2	87.308	.00676	.33232	5.0114	3.0844	.04210	18.535

Sample Name: J6214-21 Acquired: 12/6/2018 19:49:12 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33350	9.474	.37865	4.5042	F<.00000
Stddev	.00360	.034	.00998	.0055	.59934
%RSD	1.0784	.3620	2.6349	.12297	.50989

#1	.33604	9.498	.38570	4.5081	-117.97
#2	.33095	9.449	.37159	4.5003	-117.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3934.1	52624.	4631.2	81.649	3051.7
Stddev	1.7	241.	58.7	.136	5.2
%RSD	.04332	.45788	1.2673	.16631	.17150

#1	3932.9	52454.	4589.7	81.552	3048.0
#2	3935.3	52795.	4672.7	81.745	3055.4

Sample Name: J6214-23 Acquired: 12/6/2018 19:53:15 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09152	-.02225	20.017	.05747	.05002	212.96	5.0621
Stddev	.00428	.00483	.001	.00505	.00079	.20	.0517
%RSD	4.6711	21.715	.00736	8.7840	1.5846	.09210	1.0215

#1	.08850	-.01883	20.018	.05390	.05058	212.82	5.0986
#2	.09454	-.02567	20.016	.06104	.04946	213.09	5.0255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01025	.02775	1077.9	.53943	.16052	1.2455	353.90
Stddev	.00005	.00144	16.3	.00214	.00022	.0022	12.53
%RSD	.45643	5.1801	1.5131	.39611	.13939	.17801	3.5400

#1	.01028	.02673	1089.4	.53792	.16036	1.2471	362.76
#2	.01021	.02877	1066.3	.54094	.16067	1.2440	345.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3867	309.96	.61260	-.00343	3.4629	.87539	6.2354
Stddev	.0050	2.55	.00191	.00104	.0274	.00604	.2449
%RSD	.06774	.82112	.31124	30.289	.79000	.68999	3.9273

#1	7.3902	311.76	.61125	-.00269	3.4823	.87112	6.4086
#2	7.3831	308.16	.61395	-.00416	3.4436	.87966	6.0623

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.822	.01734	.24623	F 11.986	2.5991	.87745	7.5900
Stddev	.393	.00017	.02801	.005	.0343	.00086	.0074
%RSD	1.1619	.97684	11.376	.04566	1.3187	.09749	.09786

#1	34.099	.01722	.26604	11.982	2.6233	.87685	7.5952
#2	33.544	.01746	.22643	11.990	2.5749	.87806	7.5847

Sample Name: J6214-23 Acquired: 12/6/2018 19:53:15 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26189	F 27.21	1.8295	5.8006	F<.00000
Stddev	.00067	.04	.0201	.0007	.40757
%RSD	.25476	.1535	1.1007	.01142	.60276

#1	.26236	27.18	1.8437	5.8002	-67.906
#2	.26142	27.24	1.8152	5.8011	-67.329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.7	48467.	4298.0	80.353	3001.0
Stddev	1.0	19.	57.0	3.296	8.3
%RSD	.02884	.03860	1.3258	4.1021	.27693

#1	3596.5	48480.	4257.7	78.022	2995.1
#2	3595.0	48454.	4338.3	82.684	3006.9

Sample Name: J6214-25 Acquired: 12/6/2018 19:57:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3-(12.5-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03000	-.02104	7.4800	.06561	.01140	209.92	1.9071
Stddev	.00211	.00067	.0181	.00365	.00097	.42	.0037
%RSD	7.0184	3.1823	.24205	5.5685	8.5399	.19801	.19162

#1	.03149	-.02056	7.4928	.06303	.01209	210.21	1.9097
#2	.02851	-.02151	7.4672	.06820	.01071	209.62	1.9045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00858	.00070	703.90	.38517	.19451	.58821	378.60
Stddev	.00016	.00113	2.44	.00384	.00025	.00413	9.06
%RSD	1.8061	162.26	.34677	.99599	.12761	.70231	2.3928

#1	.00847	.00150	702.17	.38246	.19433	.59113	372.20
#2	.00869	-.00010	705.62	.38788	.19468	.58529	385.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9874	260.73	.42974	-.00673	3.1108	.56086	2.8669
Stddev	.0467	1.72	.00037	.00148	.0254	.00063	.0740
%RSD	.77979	.66087	.08579	21.937	.81737	.11227	2.5815

#1	5.9544	261.94	.42948	-.00777	3.1288	.56131	2.8146
#2	6.0204	259.51	.43000	-.00569	3.0928	.56042	2.9192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.245	.01258	.26101	F 11.589	1.7856	.10956	F 10.222
Stddev	.056	.00049	.01971	.005	.0141	.00037	.033
%RSD	.11220	3.9087	7.5500	.04640	.78688	.33917	.31817

#1	50.205	.01293	.24708	11.593	1.7757	.10930	10.245
#2	50.285	.01223	.27495	11.585	1.7956	.10982	10.199

Sample Name: J6214-25 Acquired: 12/6/2018 19:57:16 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3-(12.5-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26141	8.577	1.0728	5.2851	F<.00000
Stddev	.00012	.010	.0063	.0404	.74617
%RSD	.04715	.1139	.59057	.76460	.90342

#1	.26150	8.583	1.0773	5.3137	-82.066
#2	.26132	8.570	1.0683	5.2565	-83.121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.6	49651.	4388.0	82.300	3091.5
Stddev	19.8	167.	4.3	1.978	13.2
%RSD	.53608	.33700	.09804	2.4036	.42676

#1	3683.5	49532.	4384.9	83.699	3082.2
#2	3711.6	49769.	4391.0	80.901	3100.9

Sample Name: CCV08 Acquired: 12/6/2018 20:01:19 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14282 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1014	4.7563	4.9005	4.8921	5.0927	10.232	9.9242	.24504
Stddev	.0100	.0078	.0156	.0256	.0072	.091	.0721	.00099
%RSD	.19524	.16346	.31917	.52410	.14038	.88571	.72646	.40543

#1	5.0943	4.7508	4.8895	4.8740	5.0876	10.168	9.9751	.24574
#2	5.1084	4.7618	4.9116	4.9103	5.0978	10.296	9.8732	.24434

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3544	25.970	1.0102	2.3968	1.2428	4.5378	2.4858	24.529
Stddev	.0054	.158	.0031	.0042	.0015	.0582	.0016	.217
%RSD	.22891	.60715	.30632	.17381	.11987	1.2831	.06543	.88371

#1	2.3506	25.859	1.0124	2.3939	1.2418	4.5790	2.4870	24.376
#2	2.3583	26.082	1.0080	2.3997	1.2439	4.4966	2.4847	24.682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3166	1.3023	23.361	2.2934	2.4170	24.713	4.7930	4.8336
Stddev	.0060	.0032	.167	.0051	.0475	.097	.0113	.0001
%RSD	.26111	.24871	.71637	.22228	1.9651	.39081	.23577	.00191

#1	2.3123	1.3046	23.480	2.2970	2.4506	24.782	4.7850	4.8336
#2	2.3209	1.3000	23.243	2.2898	2.3834	24.645	4.8009	4.8335

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6049	5.0327	4.5384	4.8358	4.9536	4.698	5.2898	F 6.6699
Stddev	.0216	.0505	.0174	.0130	.0280	.016	.0413	.0865
%RSD	.46805	1.0032	.38290	.26941	.56514	.3419	.78127	1.2965

#1	4.5897	5.0684	4.5261	4.8266	4.9734	4.687	5.3190	6.7311
#2	4.6202	4.9970	4.5507	4.8450	4.9338	4.709	5.2605	6.6088

Sample Name: CCV08 Acquired: 12/6/2018 20:01:19 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14282 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1461
Stddev .5341
%RSD 24.887

#1 1.7684
#2 2.5237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.0	49069.	3986.5	91.841	3763.7
Stddev	2.8	227.	27.3	1.971	2.2
%RSD	.07580	.46197	.68381	2.1463	.05818

#1	3655.0	48909.	3967.2	90.447	3765.2
#2	3658.9	49229.	4005.8	93.235	3762.2

Sample Name: CCB08 Acquired: 12/6/2018 20:05:04 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14282 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00231	F .00833	.00172	.00001	.00419	.00808	.00006
Stddev	.00036	.00067	.00130	.00009	.00076	.00057	.00139	.00000
%RSD	52.122	29.196	15.657	5.2312	12627.	13.645	17.185	3.0423
#1	.00043	-.00278	.00741	.00178	-.00053	.00460	.00710	.00006
#2	.00094	-.00183	.00926	.00166	.00054	.00379	.00906	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00928	.00054	.00005	-.00069	.02077	.00013	.04312
Stddev	.00002	.00385	.00032	.00006	.00025	.01116	.00006	.01600
%RSD	20.588	41.471	59.022	129.30	36.682	53.733	46.420	37.097
#1	-.00007	-.01200	.00031	.00009	-.00087	.01288	.00009	.05443
#2	-.00010	-.00656	.00076	.00000	-.00051	.02867	.00017	.03181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	.00009	-.19359	.00078	-.00026	-.03223	-.00024	.00277
Stddev	.00036	.00038	.01895	.00031	.00010	.05583	.00019	.00685
%RSD	26.681	420.81	9.7871	39.335	38.320	173.26	82.792	247.63
#1	-.00159	.00036	-.20698	.00056	-.00033	.00726	-.00010	.00761
#2	-.00109	-.00018	-.18019	.00100	-.00019	-.07171	-.00037	-.00208
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00711	.01385	-.00115	.00583	.00163	-.0054	-.00032	F 5.9378
Stddev	.00107	.00368	.00017	.00005	.00228	.0005	.00005	.0404
%RSD	14.992	26.577	14.417	.78327	139.74	8.317	16.693	.68034
#1	-.00636	.01646	-.00127	.00580	.00325	-.0058	-.00028	5.9663
#2	-.00787	.01125	-.00104	.00586	.00002	-.0051	-.00036	5.9092

Sample Name: CCB08 Acquired: 12/6/2018 20:05:04 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14282 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .65547
Stddev .06495
%RSD 9.9087

#1 .60955
#2 .70140

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.3	51890.	3995.7	95.800	4315.7
Stddev	6.6	91.	.6	2.039	16.5
%RSD	.17305	.17461	.01448	2.1282	.38339

#1	3841.9	51826.	3995.3	94.358	4327.4
#2	3832.6	51954.	3996.1	97.242	4304.0

Sample Name: J6214-27 Acquired: 12/6/2018 20:09:09 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08662	-.02931	24.899	.13544	.05568	246.89	9.6760	.01087
Stddev	.00293	.00103	.037	.00126	.00268	.40	.0255	.00012
%RSD	3.3828	3.5047	.14676	.93163	4.8057	.16175	.26370	1.1039

#1	.08870	-.02859	24.874	.13633	.05758	246.60	9.6940	.01079
#2	.08455	-.03004	24.925	.13455	.05379	247.17	9.6579	.01096

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11937	530.48	.93023	.27656	2.8088	725.34	7.9007	245.94
Stddev	.00225	2.25	.00190	.00023	.0012	18.51	.0659	.34
%RSD	1.8849	.42435	.20402	.08170	.04430	2.5522	.83410	.13836

#1	.12096	532.07	.92889	.27672	2.8079	712.25	7.9473	246.18
#2	.11778	528.88	.93157	.27640	2.8097	738.43	7.8541	245.70

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3214	.00195	3.2812	1.2646	F 36.042	62.537	.04586	.51611
Stddev	.0061	.00232	.0003	.0034	.895	.171	.00053	.01603
%RSD	.26268	118.73	.00857	.27259	2.4845	.27314	1.1645	3.1068

#1	2.3171	.00031	3.2814	1.2622	35.409	62.658	.04624	.50477
#2	2.3257	.00360	3.2810	1.2671	36.676	62.417	.04548	.52744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.214	7.6089	1.0779	F 14.037	.31244	F 24.88	.62376	4.0187
Stddev	.004	.0101	.0021	.026	.00095	.03	.02313	.0783
%RSD	.03434	.13250	.19542	.18860	.30323	.1061	3.7078	1.9471

#1	12.211	7.6161	1.0793	14.056	.31311	24.86	.64011	3.9634
#2	12.217	7.6018	1.0764	14.019	.31177	24.90	.60740	4.0741

Sample Name: J6214-27 Acquired: 12/6/2018 20:09:09 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2-(0-2) Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.9	51409.	4494.3	80.744	3044.1
Stddev	5.3	24.	21.4	1.943	6.7
%RSD	.13989	.04678	.47717	2.4064	.22059
#1	3788.2	51392.	4479.1	82.118	3039.3
#2	3795.7	51426.	4509.4	79.370	3048.8

Sample Name: J6214-29 Acquired: 12/6/2018 20:13:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2-(12.5-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02058	-.02622	.98464	.06510	.00844	302.23	1.4346
Stddev	.00366	.00220	.00762	.00254	.00175	.48	.0015
%RSD	17.779	8.3941	.77435	3.9012	20.715	.15959	.10288

#1	.01799	-.02467	.97925	.06330	.00721	302.57	1.4357
#2	.02317	-.02778	.99003	.06689	.00968	301.89	1.4336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01129	.00193	1202.6	.40647	.21351	.41162	361.44
Stddev	.00012	.00059	8.3	.00170	.00031	.00080	3.31
%RSD	1.0421	30.805	.69036	.41778	.14296	.19366	.91674

#1	.01121	.00235	1208.5	.40527	.21372	.41105	359.10
#2	.01137	.00151	1196.7	.40767	.21329	.41218	363.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2439	544.80	.34642	-.00481	3.6652	.51461	1.3283
Stddev	.0141	1.62	.00007	.00015	.0013	.00146	.0136
%RSD	.26930	.29695	.01913	3.0830	.03558	.28387	1.0263

#1	5.2339	545.94	.34638	-.00491	3.6661	.51358	1.3186
#2	5.2539	543.65	.34647	-.00470	3.6642	.51564	1.3379

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.061	.00618	.26106	F 17.204	3.2615	.02466	F 10.079
Stddev	.079	.00003	.02434	.009	.0214	.00002	.014
%RSD	.15471	.44161	9.3222	.05295	.65651	.07283	.13660

#1	51.117	.00620	.24385	17.210	3.2464	.02464	10.088
#2	51.005	.00616	.27827	17.197	3.2767	.02467	10.069

Sample Name: J6214-29 Acquired: 12/6/2018 20:13:10 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2-(12.5-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44770	9.881	.51663	5.7873	F<.00000
Stddev	.00232	.006	.00770	.1031	.34288
%RSD	.51754	.0580	1.4908	1.7817	.55320

#1	.44934	9.876	.52208	5.8602	-61.738
#2	.44606	9.885	.51119	5.7144	-62.223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.6	48763.	4363.8	77.592	2858.1
Stddev	2.0	34.	10.5	.848	1.3
%RSD	.05609	.06906	.24002	1.0931	.04438

#1	3611.2	48740.	4356.3	78.192	2857.2
#2	3614.0	48787.	4371.2	76.992	2859.0

Sample Name: J6194-01 Acquired: 12/6/2018 20:17:07 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02130	-.01109	.15078	.04442	.00553	135.23	.62248
Stddev	.00135	.00049	.00036	.00093	.00242	.34	.00814
%RSD	6.3542	4.4191	.23620	2.0982	43.772	.24909	1.3083

#1	.02035	-.01144	.15053	.04508	.00382	134.99	.61672
#2	.02226	-.01075	.15104	.04376	.00724	135.47	.62824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	-.00293	57.615	.17658	.11553	.26773	252.65
Stddev	.00015	.00004	.963	.00213	.00016	.00011	.24
%RSD	2.8043	1.5246	1.6722	1.2048	.13567	.04286	.09460

#1	.00548	-.00290	56.934	.17809	.11542	.26781	252.82
#2	.00527	-.00296	58.296	.17508	.11564	.26765	252.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9706	49.786	.18358	-.00628	5.6058	.37469	.51374
Stddev	.0109	.624	.00000	.00006	.0783	.00062	.00086
%RSD	.27502	1.2540	.00094	.96191	1.3958	.16484	.16784

#1	3.9629	49.345	.18358	-.00632	5.5505	.37425	.51313
#2	3.9783	50.228	.18358	-.00624	5.6611	.37513	.51435

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.483	.00143	.19218	3.4357	2.3659	.00875	3.4400
Stddev	.198	.00046	.00551	.0067	.0420	.00005	.0278
%RSD	1.8930	32.341	2.8671	.19644	1.7763	.54390	.80840

#1	10.343	.00175	.19607	3.4309	2.3362	.00872	3.4203
#2	10.624	.00110	.18828	3.4404	2.3956	.00879	3.4596

Sample Name: J6194-01 Acquired: 12/6/2018 20:17:07 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12881	7.637	-.11257	4.5707	F<.00000
Stddev	.00008	.004	.00251	.0575	1.5020
%RSD	.06182	.0506	2.2296	1.2582	3.0753

#1	.12875	7.640	-.11434	4.5300	-49.903
#2	.12886	7.634	-.11079	4.6114	-47.779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4137.1	55485.	4531.3	90.957	3685.2
Stddev	4.3	89.	50.4	.096	5.2
%RSD	.10316	.16083	1.1115	.10517	.14212

#1	4134.1	55422.	4566.9	90.889	3681.5
#2	4140.1	55549.	4495.7	91.025	3688.9

Sample Name: J6194-01DUP Acquired: 12/6/2018 20:21:05 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01745	-.01380	.14905	.05185	.00643	135.69	.61717
Stddev	.00196	.00001	.00273	.00248	.00165	.13	.00346
%RSD	11.215	.05099	1.8322	4.7752	25.699	.09827	.56103

#1	.01607	-.01379	.15098	.05010	.00760	135.59	.61472
#2	.01883	-.01380	.14712	.05360	.00526	135.78	.61962

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00544	-.00363	56.927	.17865	.11456	.26282	259.10
Stddev	.00012	.00061	.203	.00211	.00076	.00016	5.93
%RSD	2.1387	16.671	.35743	1.1815	.66763	.05906	2.2881

#1	.00536	-.00320	56.783	.17716	.11402	.26293	254.91
#2	.00552	-.00406	57.071	.18014	.11510	.26271	263.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9831	49.465	.18181	-.00539	5.5163	.37449	.52305
Stddev	.0004	.496	.00210	.00056	.0126	.00288	.01151
%RSD	.01038	1.0028	1.1538	10.386	.22800	.76844	2.1998

#1	3.9834	49.114	.18033	-.00499	5.5074	.37245	.51492
#2	3.9828	49.815	.18329	-.00578	5.5252	.37652	.53119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.434	.00124	.19863	3.4239	2.3447	.00888	3.4174
Stddev	.058	.00027	.00647	.0148	.0448	.00030	.0070
%RSD	.55900	21.669	3.2598	.43348	1.9112	3.3278	.20550

#1	10.392	.00105	.19405	3.4134	2.3130	.00867	3.4224
#2	10.475	.00143	.20321	3.4344	2.3764	.00909	3.4124

Sample Name: J6194-01DUP Acquired: 12/6/2018 20:21:05 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12779	7.584	-.12051	4.6229	F<.00000
Stddev	.00354	.034	.00769	.0745	1.1569
%RSD	2.7728	.4507	6.3847	1.6105	2.3646

#1	.13030	7.560	-.11507	4.6755	-48.105
#2	.12529	7.608	-.12595	4.5702	-49.742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4145.8	55562.	4603.9	89.209	3695.0
Stddev	18.4	130.	26.3	1.909	15.5
%RSD	.44308	.23427	.57184	2.1403	.41847

#1	4158.8	55654.	4622.6	90.559	3705.9
#2	4132.8	55470.	4585.3	87.859	3684.1

Sample Name: J6194-01LX5 Acquired: 12/6/2018 20:25:02 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00413	.03419	.01020	.00047	28.583	.14320	.00123
Stddev	.00066	.00029	.00106	.00275	.00035	.077	.00211	.00006
%RSD	70.977	6.9286	3.1002	26.977	74.155	.27041	1.4718	5.1780

#1	.00047	-.00433	.03344	.00825	.00071	28.638	.14171	.00118
#2	.00140	-.00393	.03494	.01215	.00022	28.528	.14469	.00127

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	12.915	.03991	.02226	.06250	49.106	.89617	11.143
Stddev	.00012	.122	.00053	.00021	.00025	.363	.00109	.099
%RSD	14.117	.94205	1.3201	.94175	.40076	.73911	.12169	.88812

#1	-.00091	12.829	.04028	.02211	.06232	49.362	.89694	11.073
#2	-.00075	13.001	.03954	.02240	.06268	48.849	.89540	11.213

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03358	-.00223	1.0724	.08183	.10382	2.3859	-.00009	.02627
Stddev	.00007	.00026	.0045	.00080	.00048	.0376	.00017	.00291
%RSD	.22031	11.678	.42261	.97624	.46288	1.5773	197.14	11.094

#1	.03353	-.00204	1.0756	.08240	.10416	2.3593	.00003	.02421
#2	.03364	-.00241	1.0692	.08127	.10348	2.4125	-.00021	.02833

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70557	.77166	-.00085	.77152	.03015	1.442	-.01722	5.7973
Stddev	.00869	.00569	.00025	.00280	.00099	.013	.00040	.0827
%RSD	1.2322	.73685	29.097	.36235	3.2821	.9314	2.3102	1.4270

#1	.69942	.76764	-.00067	.76954	.02945	1.433	-.01750	5.8558
#2	.71172	.77568	-.00102	.77350	.03085	1.452	-.01694	5.7388

Sample Name: J6194-01LX5 Acquired: 12/6/2018 20:25:02 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7189
Stddev	.1121
%RSD	3.0135

#1	3.7981
#2	3.6396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3901.2	52221.	4116.8	94.593	4063.9
Stddev	5.9	284.	6.9	.887	19.7
%RSD	.15149	.54355	.16862	.93773	.48402

#1	3905.3	52020.	4121.7	93.966	4077.8
#2	3897.0	52421.	4111.9	95.220	4050.0

Sample Name: J6194-01MS Acquired: 12/6/2018 20:29:02 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79702	2.0363	1.2011	1.8288	.15825	134.62	.79058
Stddev	.00170	.0033	.0080	.0163	.00089	.65	.00201
%RSD	.21315	.16378	.66287	.89275	.56164	.48491	.25410

#1	.79822	2.0387	1.2067	1.8404	.15888	134.15	.79200
#2	.79582	2.0340	1.1955	1.8173	.15762	135.08	.78916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19653	.20256	48.922	.55406	.32718	.52390	232.97
Stddev	.00010	.00167	.066	.00489	.00133	.00319	6.78
%RSD	.05337	.82529	.13512	.88325	.40737	.60972	2.9122

#1	.19645	.20374	48.969	.55060	.32813	.52616	228.17
#2	.19660	.20138	48.876	.55752	.32624	.52164	237.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6415	45.538	.69295	.06764	7.9872	.60609	.68399
Stddev	.0124	.229	.00403	.00047	.0338	.00295	.01669
%RSD	.34059	.50321	.58115	.69791	.42347	.48718	2.4395

#1	3.6328	45.700	.69580	.06730	8.0111	.60400	.67219
#2	3.6503	45.376	.69010	.06797	7.9633	.60818	.69579

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.800	.35828	.42670	4.6508	3.3585	.66346	3.6447
Stddev	.042	.00066	.02101	.0264	.0062	.00334	.0028
%RSD	.22183	.18521	4.9242	.56830	.18300	.50405	.07759

#1	18.829	.35875	.41184	4.6695	3.3629	.66583	3.6427
#2	18.770	.35781	.44156	4.6321	3.3542	.66110	3.6467

Sample Name: J6194-01MS Acquired: 12/6/2018 20:29:02 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32118	F 12.74	.12793	4.8985	F<.00000
Stddev	.00029	.03	.00715	.0209	.34921
%RSD	.08941	.2500	5.5869	.42712	.81295

#1	.32098	12.77	.13299	4.8837	-43.204
#2	.32138	12.72	.12288	4.9133	-42.710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4099.6	54939.	4465.4	90.439	3672.9
Stddev	12.1	50.	20.5	2.351	8.4
%RSD	.29514	.09154	.45891	2.5996	.22852

#1	4108.1	54975.	4450.9	92.101	3678.8
#2	4091.0	54904.	4479.9	88.776	3667.0

Sample Name: J6194-01MSD Acquired: 12/6/2018 20:32:54 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79872	2.0323	1.2044	1.8292	.15839	133.16	.78421
Stddev	.00330	.0056	.0091	.0124	.00055	1.42	.01157
%RSD	.41303	.27650	.75278	.67931	.34648	1.0667	1.4753

#1	.79639	2.0363	1.2108	1.8380	.15800	132.16	.77603
#2	.80105	2.0283	1.1980	1.8204	.15878	134.17	.79239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19532	.20245	48.156	.55285	.32821	.52317	233.37
Stddev	.00036	.00210	.669	.00009	.00227	.00090	6.00
%RSD	.18182	1.0380	1.3901	.01554	.69204	.17120	2.5719

#1	.19507	.20394	47.682	.55291	.32982	.52381	229.12
#2	.19558	.20096	48.629	.55279	.32661	.52254	237.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6259	45.122	.69669	.06733	7.9425	.60570	.68715
Stddev	.0025	.509	.00219	.00184	.1082	.00200	.01027
%RSD	.06802	1.1275	.31467	2.7295	1.3617	.32989	1.4950

#1	3.6242	44.762	.69824	.06603	7.8660	.60429	.67989
#2	3.6276	45.482	.69514	.06863	8.0190	.60712	.69442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.658	.35857	.44562	4.6632	3.3328	.66429	3.6104
Stddev	.227	.00113	.00974	.0061	.0120	.00129	.0590
%RSD	1.2160	.31598	2.1864	.13081	.36124	.19477	1.6328

#1	18.498	.35937	.43873	4.6675	3.3243	.66521	3.5687
#2	18.819	.35777	.45251	4.6589	3.3413	.66338	3.6521

Sample Name: J6194-01MSD Acquired: 12/6/2018 20:32:54 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31494	F 12.77	.12104	4.7986	F<.00000
Stddev	.00535	.04	.00268	.0014	.24861
%RSD	1.6978	.3157	2.2108	.02899	.58388

#1	.31116	12.80	.12293	4.7976	-42.404
#2	.31872	12.74	.11915	4.7996	-42.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4108.6	55197.	4498.0	90.208	3670.5
Stddev	16.8	104.	19.5	1.361	25.7
%RSD	.40916	.18907	.43432	1.5084	.70139

#1	4096.7	55271.	4511.9	91.170	3652.3
#2	4120.5	55123.	4484.2	89.245	3688.7

Sample Name: J6194-01A Acquired: 12/6/2018 20:36:46 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7758 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79558	2.0420	1.2050	1.8442	.15714	133.09	.77886
Stddev	.00853	.0098	.0073	.0090	.00010	.36	.01385
%RSD	1.0726	.48089	.60526	.48919	.06050	.26931	1.7782

#1	.80161	2.0489	1.2101	1.8506	.15707	133.35	.78865
#2	.78954	2.0350	1.1998	1.8378	.15720	132.84	.76907

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19676	.20344	47.812	.55655	.32787	.52583	231.95
Stddev	.00027	.00022	.982	.00106	.00139	.00102	12.64
%RSD	.13675	.10616	2.0546	.18957	.42388	.19356	5.4477

#1	.19695	.20360	48.506	.55580	.32885	.52655	240.89
#2	.19657	.20329	47.117	.55730	.32689	.52511	223.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6438	45.042	.69671	.06723	7.8685	.60769	.68200
Stddev	.0025	.767	.00305	.00133	.1264	.00252	.03818
%RSD	.06757	1.7024	.43814	1.9714	1.6059	.41506	5.5986

#1	3.6456	45.585	.69887	.06817	7.9579	.60591	.70899
#2	3.6421	44.500	.69455	.06630	7.7792	.60947	.65500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.471	.35910	.42790	4.6725	3.3432	.66723	3.6071
Stddev	.288	.00231	.01590	.0283	.0616	.00226	.0514
%RSD	1.5591	.64375	3.7163	.60532	1.8413	.33888	1.4245

#1	18.675	.36073	.43915	4.6925	3.3867	.66883	3.6435
#2	18.268	.35746	.41666	4.6525	3.2996	.66563	3.5708

Sample Name: J6194-01A Acquired: 12/6/2018 20:36:46 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7758 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31495	F 12.77	.12075	4.8724	F<.00000
Stddev	.00581	.01	.00508	.0107	.95050
%RSD	1.8435	.1042	4.2034	.21871	2.2101

#1	.31905	12.78	.11716	4.8799	-43.679
#2	.31084	12.76	.12434	4.8649	-42.335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4109.4	55129.	4520.7	90.851	3671.3
Stddev	4.0	29.	81.9	5.097	8.4
%RSD	.09806	.05171	1.8112	5.6102	.22804

#1	4106.5	55109.	4462.8	87.247	3665.4
#2	4112.2	55149.	4578.6	94.456	3677.2

Sample Name: J6194-03 Acquired: 12/6/2018 20:40:37 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01796	-.01306	.06513	.04265	.00221	127.36	.51154
Stddev	.00458	.00018	.00169	.00520	.00225	.62	.00147
%RSD	25.479	1.3886	2.5929	12.188	101.97	.48523	.28828

#1	.01472	-.01293	.06394	.04633	.00062	127.80	.51049
#2	.02119	-.01319	.06633	.03898	.00380	126.93	.51258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00357	65.632	.18659	.13929	.36797	250.31
Stddev	.00004	.00010	.088	.00117	.00059	.00027	.80
%RSD	.93072	2.7399	.13430	.62517	.42395	.07387	.32057

#1	.00443	-.00364	65.695	.18742	.13887	.36777	250.88
#2	.00437	-.00350	65.570	.18577	.13971	.36816	249.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1016	64.630	.20273	-.00531	4.8264	.39118	.42901
Stddev	.0050	.273	.00108	.00020	.0020	.00014	.00245
%RSD	.15964	.42210	.53278	3.7672	.04151	.03512	.57204

#1	3.0981	64.437	.20349	-.00545	4.8250	.39108	.42727
#2	3.1051	64.823	.20197	-.00517	4.8278	.39127	.43074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.588	.00421	.77888	6.8373	2.0976	.00895	5.4231
Stddev	.076	.00066	.01067	.0140	.0122	.00070	.0158
%RSD	.36817	15.646	1.3695	.20521	.58302	7.7696	.29204

#1	20.534	.00467	.78642	6.8274	2.0889	.00846	5.4343
#2	20.641	.00374	.77134	6.8473	2.1062	.00944	5.4119

Sample Name: J6194-03 Acquired: 12/6/2018 20:40:37 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12848	9.535	-.12564	4.6429	F<.00000
Stddev	.00099	.068	.00041	.0656	.51478
%RSD	.76927	.7110	.32874	1.4137	1.1189

#1	.12778	9.487	-.12593	4.6893	-46.372
#2	.12917	9.583	-.12535	4.5965	-45.644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.6	55476.	4583.5	90.019	3636.9
Stddev	8.1	84.	12.5	.028	3.0
%RSD	.19523	.15101	.27328	.03137	.08377

#1	4130.9	55417.	4592.4	90.039	3639.0
#2	4142.3	55535.	4574.7	89.999	3634.7

Sample Name: J6202-01 Acquired: 12/6/2018 20:44:35 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11119	-.00466	.34527	.04380	.00966	146.81	.49107
Stddev	.00143	.00055	.00198	.00733	.00340	.35	.00209
%RSD	1.2898	11.805	.57244	16.747	35.189	.23609	.42562

#1	.11221	-.00427	.34387	.04898	.00726	147.06	.49255
#2	.11018	-.00505	.34666	.03861	.01207	146.57	.48959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	-.00474	18.130	.28057	.03836	.11479	265.04
Stddev	.00012	.00060	.110	.00128	.00019	.00067	4.66
%RSD	1.8645	12.741	.60570	.45610	.50158	.58501	1.7578

#1	.00626	-.00517	18.208	.27966	.03822	.11527	268.34
#2	.00642	-.00432	18.053	.28147	.03850	.11432	261.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83934	15.853	.06622	-.01034	2.1517	.38064	.50698
Stddev	.00200	.199	.00073	.00032	.0063	.00065	.01029
%RSD	.23805	1.2540	1.0959	3.1105	.29253	.17194	2.0287

#1	.84075	15.712	.06570	-.01011	2.1561	.38110	.51426
#2	.83793	15.994	.06673	-.01057	2.1472	.38018	.49971

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.160	.00634	.15889	1.7131	2.5044	.01153	.85789
Stddev	.100	.00019	.00093	.0152	.0110	.00111	.00412
%RSD	.82455	2.9175	.58259	.88595	.43735	9.6360	.48073

#1	12.230	.00647	.15955	1.7024	2.5122	.01074	.85497
#2	12.089	.00621	.15824	1.7238	2.4967	.01231	.86080

Sample Name: J6202-01 Acquired: 12/6/2018 20:44:35 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10571	3.415	-.16530	4.9970	F<.00000
Stddev	.00035	.027	.00491	.0075	1.0865
%RSD	.33510	.7785	2.9696	.14940	2.0345

#1	.10546	3.397	-.16877	4.9917	-52.635
#2	.10596	3.434	-.16183	5.0023	-54.172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.0	52680.	4327.0	91.288	3807.9
Stddev	3.5	191.	25.5	1.817	35.3
%RSD	.08724	.36288	.58865	1.9906	.92587

#1	3977.6	52545.	4309.0	90.003	3832.9
#2	3982.5	52815.	4345.0	92.573	3783.0

Sample Name: CCV09 Acquired: 12/6/2018 20:48:36 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14285 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0628	4.7502	4.8803	4.8784	5.0669	10.195	9.9419	.24605
Stddev	.0170	.0097	.0200	.0210	.0302	.076	.0157	.00053
%RSD	.33527	.20469	.41033	.43006	.59505	.74344	.15780	.21355
#1	5.0748	4.7571	4.8944	4.8932	5.0882	10.141	9.9530	.24568
#2	5.0508	4.7433	4.8661	4.8635	5.0456	10.249	9.9308	.24642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3542	26.076	1.0170	2.3875	1.2401	4.6800	2.4996	24.527
Stddev	.0093	.131	.0092	.0075	.0065	.0882	.0098	.073
%RSD	.39619	.50388	.90950	.31594	.52585	1.8848	.39366	.29892
#1	2.3608	25.983	1.0105	2.3928	1.2447	4.6177	2.4927	24.475
#2	2.3476	26.169	1.0236	2.3821	1.2355	4.7424	2.5066	24.578
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3264	1.3036	23.481	2.3190	2.4422	24.743	4.8039	4.8572
Stddev	.0085	.0044	.058	.0049	.0216	.120	.0193	.0086
%RSD	.36642	.33650	.24735	.20998	.88464	.48544	.40270	.17660
#1	2.3324	1.3005	23.440	2.3156	2.4269	24.658	4.8175	4.8632
#2	2.3204	1.3067	23.522	2.3225	2.4575	24.828	4.7902	4.8511
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6352	5.0383	4.5669	4.8713	4.9460	4.703	5.2679	F 6.6368
Stddev	.0104	.0226	.0170	.0089	.0071	.018	.0096	.0776
%RSD	.22427	.44905	.37331	.18316	.14346	.3786	.18216	1.1698
#1	4.6426	5.0543	4.5790	4.8650	4.9510	4.715	5.2746	6.5819
#2	4.6279	5.0223	4.5549	4.8776	4.9410	4.690	5.2611	6.6917

Sample Name: CCV09 Acquired: 12/6/2018 20:48:36 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14285 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1074
Stddev .0239
%RSD 1.1345

#1 2.1243
#2 2.0905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.5	49397.	4016.4	91.558	3810.0
Stddev	22.6	285.	9.2	.735	19.9
%RSD	.60831	.57765	.22883	.80249	.52198

#1	3699.5	49599.	4009.9	92.078	3795.9
#2	3731.5	49195.	4022.9	91.039	3824.0

Sample Name: CCB09 Acquired: 12/6/2018 20:52:21 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14285 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00129	F .00470	.00032	-.00120	.01054	.00795
Stddev	.00031	.00058	.00011	.00504	.00121	.01380	.00018
%RSD	325.08	44.712	2.3651	1571.2	100.07	130.92	2.2608

#1	-.00032	-.00089	.00462	-.00324	-.00206	.02030	.00782
#2	.00013	-.00170	.00478	.00389	-.00035	.00078	.00808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00000	-.02195	.00022	.00005	-.00020	.00910
Stddev	.00004	.00005	.00055	.00041	.00008	.00007	.00449
%RSD	75.943	1101.1	2.5070	184.92	150.79	36.292	49.357

#1	.00009	-.00003	-.02156	.00051	-.00000	-.00025	.01227
#2	.00003	.00004	-.02234	-.00007	.00010	-.00015	.00592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.02719	-.00102	.00049	-.23997	.00003	-.00027
Stddev	.00001	.05867	.00019	.00055	.00697	.00031	.00017
%RSD	8.7893	215.74	18.435	111.58	2.9036	903.39	64.286

#1	.00009	.06868	-.00089	.00088	-.23504	-.00019	-.00015
#2	.00008	-.01429	-.00116	.00010	-.24490	.00025	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01941	-.00036	-.00556	F -.01324	.01183	-.00198	.00480
Stddev	.04899	.00022	.00724	.00147	.00099	.00040	.00028
%RSD	252.40	60.331	130.16	11.110	8.3996	20.119	5.7871

#1	.01523	-.00021	-.00044	-.01428	.01254	-.00170	.00500
#2	-.05405	-.00052	-.01067	-.01220	.01113	-.00226	.00460

Sample Name: CCB09 Acquired: 12/6/2018 20:52:21 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14285 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.0047	-.00032	F 5.7934	F .32973
Stddev	.00250	.0004	.00005	.1243	.66632
%RSD	126.41	7.966	16.262	2.1451	202.08

#1	.00375	-.0045	-.00036	5.8812	.80089
#2	.00021	-.0050	-.00029	5.7055	-.14144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.3	52247.	4025.8	96.125	4350.4
Stddev	1.7	308.	33.6	1.544	3.6
%RSD	.04437	.58872	.83415	1.6061	.08286

#1	3864.1	52030.	4002.1	95.033	4353.0
#2	3866.6	52465.	4049.5	97.217	4347.9

Sample Name: J6214-01 Acquired: 12/6/2018 20:56:26 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-(13-15) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14856	-.00729	11.527	.05861	.00947	75.239	18.550
Stddev	.00243	.00293	.006	.00113	.00317	.594	.433
%RSD	1.6353	40.250	.05091	1.9250	33.417	.78963	2.3364

#1	.15028	-.00521	11.523	.05781	.01171	74.819	18.857
#2	.14684	-.00936	11.531	.05941	.00724	75.660	18.244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00914	.00399	102.93	.66376	.09674	.50466	226.99
Stddev	.00012	.00085	.50	.00149	.00086	.00153	5.56
%RSD	1.3460	21.373	.48623	.22414	.89192	.30293	2.4516

#1	.00923	.00339	103.28	.66482	.09612	.50358	230.93
#2	.00905	.00459	102.58	.66271	.09735	.50574	223.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6290	15.802	.37936	-.00665	5.9115	.38514	10.081
Stddev	.0210	.038	.00063	.00030	.0299	.00018	.229
%RSD	.79897	.24022	.16605	4.5364	.50633	.04613	2.2710

#1	2.6142	15.829	.37892	-.00644	5.9326	.38526	10.243
#2	2.6439	15.775	.37981	-.00686	5.8903	.38501	9.9188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4382	.05140	.18265	F 14.482	3.3544	.84544	1.8447
Stddev	.0067	.00020	.00801	.027	.0555	.00137	.0269
%RSD	.07921	.39674	4.3838	.18910	1.6543	.16257	1.4572

#1	8.4429	.05126	.18832	14.462	3.3936	.84641	1.8637
#2	8.4335	.05154	.17699	14.501	3.3152	.84447	1.8257

Sample Name: J6214-01 Acquired: 12/6/2018 20:56:26 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-(13-15) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12608	F 10.29	1.0538	5.1637	F<.00000
Stddev	.00061	.02	.0024	.1823	.49366
%RSD	.48712	.1567	.22292	3.5299	1.2461

#1	.12564	10.28	1.0521	5.0348	-39.967
#2	.12651	10.30	1.0555	5.2926	-39.269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3986.4	53036.	4473.6	92.435	3719.8
Stddev	6.6	267.	38.9	2.217	5.8
%RSD	.16669	.50405	.86907	2.3987	.15469

#1	3981.7	53225.	4446.1	90.868	3715.7
#2	3991.1	52847.	4501.1	94.003	3723.8

Sample Name: J6214-03 Acquired: 12/6/2018 21:00:22 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-(18-20) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14432	-.00712	6.6598	.20161	.04961	70.953	2.0847	.01108
Stddev	.00121	.00624	.0649	.01401	.00467	.867	.0447	.00036
%RSD	.84163	87.603	.97523	6.9473	9.4186	1.2226	2.1451	3.2602

#1	.14518	-.01153	6.7058	.19170	.05291	70.340	2.0530	.01083
#2	.14346	-.00271	6.6139	.21151	.04630	71.567	2.1163	.01134

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01359	53.973	.26700	.16345	1.3760	F 979.06	4.6139	14.978
Stddev	.00830	1.273	.00009	.00180	.0329	68.21	.0356	.172
%RSD	61.115	2.3589	.03414	1.0996	2.3892	6.9668	.77128	1.1458

#1	-.00772	53.073	.26707	.16472	1.3993	930.83	4.5887	14.856
#2	-.01946	54.874	.26694	.16218	1.3528	1027.3	4.6391	15.099

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24853	-.02307	3.1023	.48399	4.2271	6.5061	.08110	.65860
Stddev	.00149	.00762	.0867	.00945	.2614	.0823	.00014	.07756
%RSD	.59823	33.015	2.7950	1.9523	6.1838	1.2643	.17464	11.776

#1	.24958	-.02846	3.0410	.47731	4.0423	6.4479	.08120	.60376
#2	.24748	-.01769	3.1636	.49067	4.4120	6.5643	.08100	.71345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3193	4.2892	F 16.431	1.8770	.11401	8.357	-.31390	2.9516
Stddev	.0420	.1335	.126	.0309	.00243	.056	.05788	.1341
%RSD	.50444	3.1125	.76679	1.6491	2.1312	.6684	18.438	4.5441

#1	8.3490	4.1948	16.520	1.8551	.11229	8.397	-.27297	3.0465
#2	8.2896	4.3836	16.342	1.8989	.11573	8.318	-.35483	2.8568

Sample Name: J6214-03 Acquired: 12/6/2018 21:00:22 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-(18-20) Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.0	52641.	4393.0	85.122	3480.1
Stddev	32.7	310.	69.8	5.301	22.5
%RSD	.82727	.58870	1.5892	6.2273	.64669
#1	3930.9	52860.	4442.4	88.871	3464.2
#2	3977.2	52422.	4343.6	81.374	3496.0

Sample Name: J6214-05 Acquired: 12/6/2018 21:04:12 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-(13-15) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15136	-.00550	6.2463	.03525	.00983	78.423	8.6526
Stddev	.00410	.00044	.0295	.00426	.00033	.169	.0568
%RSD	2.7096	8.0156	.47300	12.100	3.3250	.21496	.65698

#1	.14846	-.00518	6.2255	.03223	.01006	78.304	8.6124
#2	.15426	-.00581	6.2672	.03826	.00960	78.542	8.6928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01110	.00532	116.23	.23043	.11080	1.4402	121.19
Stddev	.00019	.00025	.87	.00024	.00099	.0010	3.34
%RSD	1.7016	4.6530	.75144	.10326	.89697	.06883	2.7565

#1	.01096	.00550	115.62	.23059	.11010	1.4395	118.82
#2	.01123	.00515	116.85	.23026	.11151	1.4409	123.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0280	12.110	.21808	-.00146	7.7125	.41424	5.9815
Stddev	.0032	.093	.00132	.00047	.0161	.00189	.1642
%RSD	.10478	.76994	.60312	32.416	.20897	.45665	2.7448

#1	3.0257	12.044	.21715	-.00180	7.7011	.41291	5.8654
#2	3.0302	12.176	.21901	-.00113	7.7239	.41558	6.0976

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1516	.04020	.12651	5.4778	3.4010	.11604	1.4678
Stddev	.0396	.00041	.00187	.0537	.0418	.00179	.0071
%RSD	.43261	1.0257	1.4802	.97977	1.2299	1.5449	.48140

#1	9.1236	.03990	.12518	5.4398	3.3714	.11477	1.4628
#2	9.1796	.04049	.12783	5.5157	3.4306	.11731	1.4728

Sample Name: J6214-05 Acquired: 12/6/2018 21:04:12 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9-(13-15) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12426	F 30.26	1.1819	5.4388	F<.00000
Stddev	.00041	.21	.0076	.0082	.15671
%RSD	.32672	.6837	.64233	.15091	1.8147

#1	.12398	30.11	1.1766	5.4330	-8.7464
#2	.12455	30.40	1.1873	5.4446	-8.5248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.7	53958.	4421.1	93.309	3774.6
Stddev	10.6	40.	34.8	2.563	19.8
%RSD	.26201	.07406	.78634	2.7466	.52582

#1	4052.2	53929.	4445.7	95.122	3788.6
#2	4037.2	53986.	4396.5	91.497	3760.6

Sample Name: J6214-07 Acquired: 12/6/2018 21:08:05 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-(18-20) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04627	-.01985	2.3914	.12550	.02368	310.99	3.5783
Stddev	.00195	.00022	.0187	.00169	.00182	2.40	.0600
%RSD	4.2118	1.1328	.78398	1.3471	7.6671	.77201	1.6761

#1	.04489	-.02001	2.4047	.12669	.02496	309.29	3.6207
#2	.04765	-.01969	2.3782	.12430	.02239	312.68	3.5359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01181	-.00433	56.583	.53319	.18408	.42063	562.86
Stddev	.00037	.00049	.622	.00357	.00201	.00144	7.85
%RSD	3.1746	11.250	1.0992	.67015	1.0892	.34179	1.3938

#1	.01154	-.00468	57.022	.53067	.18549	.42165	568.41
#2	.01207	-.00399	56.143	.53572	.18266	.41962	557.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6249	72.986	.39635	-.00715	5.4455	.64722	3.0748
Stddev	.0510	.686	.00459	.00184	.0829	.00479	.0401
%RSD	1.4057	.93957	1.1572	25.672	1.5231	.74028	1.3034

#1	3.5888	73.471	.39959	-.00586	5.5042	.64384	3.1031
#2	3.6609	72.501	.39310	-.00845	5.3869	.65061	3.0464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.257	.02904	.40938	7.2644	5.0804	.17861	8.6923
Stddev	.304	.00019	.00759	.0822	.0602	.00078	.1207
%RSD	1.5789	.65626	1.8539	1.1317	1.1849	.43815	1.3884

#1	19.472	.02917	.41475	7.3226	5.1229	.17916	8.7776
#2	19.042	.02890	.40402	7.2063	5.0378	.17806	8.6070

Sample Name: J6214-07 Acquired: 12/6/2018 21:08:05 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9-(18-20) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.46412	F 20.58	-.05942	3.8320	F<.00000
Stddev	.00645	.20	.00120	.1099	.81319
%RSD	1.3896	.9932	2.0145	2.8685	.52503

#1	.46868	20.73	-.06027	3.7543	-154.31
#2	.45956	20.44	-.05858	3.9097	-155.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.3	54755.	4650.7	85.744	3410.9
Stddev	34.1	490.	55.9	1.199	42.7
%RSD	.82921	.89438	1.2013	1.3979	1.2504

#1	4087.2	55101.	4611.2	84.897	3380.7
#2	4135.4	54408.	4690.2	86.592	3441.0

Sample Name: J6214-09 Acquired: 12/6/2018 21:12:02 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15391	-.02160	14.919	.16602	.03704	169.49	6.4290	.01038
Stddev	.00060	.00173	.075	.00096	.00097	.47	.1665	.00016
%RSD	.38834	8.0164	.50545	.57852	2.6117	.27713	2.5901	1.5772

#1	.15433	-.02038	14.866	.16670	.03772	169.16	6.3113	.01027
#2	.15349	-.02283	14.973	.16534	.03635	169.82	6.5468	.01050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03311	235.91	.67867	.18889	1.4696	890.72	7.2929	100.89
Stddev	.00247	5.85	.00445	.00034	.0047	16.17	.0619	2.52
%RSD	7.4522	2.4818	.65540	.17949	.31883	1.8153	.84934	2.4963

#1	.03137	231.77	.67552	.18865	1.4663	902.15	7.2491	99.114
#2	.03486	240.05	.68181	.18913	1.4729	879.28	7.3367	102.68

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55043	-.01192	2.4358	.74105	13.459	48.291	.03539	.57967
Stddev	.00150	.00285	.0792	.00611	.257	1.291	.00029	.04208
%RSD	.27204	23.932	3.2517	.82514	1.9112	2.6728	.82558	7.2589

#1	.54937	-.00990	2.3798	.74538	13.641	47.379	.03560	.60943
#2	.55149	-.01393	2.4918	.73673	13.277	49.204	.03519	.54992

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9946	2.3930	.33672	9.6279	.28364	F 15.72	-.23163	3.2923
Stddev	.0683	.0530	.00179	.1358	.01037	.09	.03697	.0709
%RSD	.85440	2.2158	.53037	1.4100	3.6546	.5565	15.962	2.1540

#1	7.9463	2.3555	.33546	9.5319	.27631	15.65	-.25777	3.2422
#2	8.0429	2.4305	.33798	9.7239	.29097	15.78	-.20548	3.3425

Sample Name: J6214-09 Acquired: 12/6/2018 21:12:02 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-4-(0-2) Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.5	51817.	4441.6	84.002	3202.0
Stddev	4.0	9.	104.7	1.557	19.4
%RSD	.10497	.01729	2.3568	1.8531	.60525
#1	3835.3	51811.	4515.7	82.902	3215.7
#2	3829.6	51824.	4367.6	85.103	3188.3

Sample Name: J6214-11 Acquired: 12/6/2018 21:16:05 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4-(3-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06143	-.08911	.18001	.23959	.02937	669.35	4.8889	.01370
Stddev	.00216	.00592	.00693	.01167	.00367	2.62	.0406	.00007
%RSD	3.5200	6.6462	3.8506	4.8703	12.492	.39179	.83047	.54647

#1	.06295	-.08492	.17511	.24784	.03196	671.21	4.9176	.01375
#2	.05990	-.09329	.18491	.23134	.02677	667.50	4.8602	.01365

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01087	512.33	F 2.3751	.63308	.57773	F 1309.9	13.879	606.18
Stddev	.00505	4.22	.0103	.00187	.00675	37.6	.070	2.05
%RSD	46.407	.82410	.43235	.29579	1.1681	2.8728	.50460	.33827

#1	.00731	515.32	2.3678	.63176	.57296	1336.5	13.829	607.63
#2	.01444	509.35	2.3823	.63441	.58250	1283.3	13.928	604.73

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1001	.01255	19.090	2.1297	4.5942	284.91	.02698	1.0386
Stddev	.0004	.00574	.126	.0021	.1198	2.38	.00077	.0635
%RSD	.03779	45.740	.66053	.09641	2.6079	.83406	2.8465	6.1153

#1	1.0998	.01662	19.179	2.1312	4.6789	286.60	.02752	1.0835
#2	1.1004	.00849	19.000	2.1283	4.5094	283.23	.02643	.99371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.306	2.1599	.02943	F 45.422	.45434	F 29.47	-.75202	2.4303
Stddev	.015	.0164	.00267	.359	.00182	.08	.03399	.0542
%RSD	.10177	.75784	9.0656	.79088	.39998	.2738	4.5205	2.2304

#1	14.316	2.1483	.02754	45.676	.45563	29.41	-.77606	2.3920
#2	14.295	2.1715	.03132	45.168	.45306	29.52	-.72798	2.4687

Sample Name: J6214-11 Acquired: 12/6/2018 21:16:05 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-4-(3-5) Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3921.4	52606.	4708.4	71.411	2617.8
Stddev	4.8	26.	23.5	1.861	6.0
%RSD	.12303	.04950	.49910	2.6066	.23075

#1	3924.8	52587.	4691.8	70.095	2622.1
#2	3918.0	52624.	4725.0	72.727	2613.5

Sample Name: J6214-13 Acquired: 12/6/2018 21:20:06 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03473	-.03411	4.2817	.11671	.01664	353.27	4.3013
Stddev	.00050	.00169	.0117	.00065	.00257	1.56	.0483
%RSD	1.4258	4.9605	.27428	.56022	15.470	.44093	1.1218

#1	.03438	-.03291	4.2734	.11717	.01846	352.17	4.2672
#2	.03509	-.03530	4.2900	.11625	.01482	354.37	4.3355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01119	.00830	246.56	.92485	.28294	.86093	626.80
Stddev	.00008	.00061	3.79	.00928	.00147	.00258	6.18
%RSD	.75460	7.3004	1.5377	1.0033	.51965	.30014	.98660

#1	.01113	.00873	243.88	.91829	.28190	.86276	622.42
#2	.01125	.00787	249.25	.93141	.28398	.85910	631.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8466	249.32	.67733	-.00231	6.2841	.87039	4.4702
Stddev	.0307	2.00	.00237	.00094	.0644	.00040	.0259
%RSD	.34692	.80357	.34989	40.420	1.0245	.04589	.57901

#1	8.8683	247.90	.67565	-.00165	6.2386	.87011	4.4519
#2	8.8249	250.73	.67900	-.00298	6.3296	.87067	4.4885

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.893	.00995	.46281	3.6520	2.3912	.23217	F 18.273
Stddev	.929	.00009	.01125	.0090	.0384	.00182	.212
%RSD	1.1346	.90685	2.4303	.24705	1.6046	.78399	1.1629

#1	81.236	.00988	.45486	3.6456	2.3640	.23088	18.123
#2	82.550	.01001	.47076	3.6584	2.4183	.23345	18.423

Sample Name: J6214-13 Acquired: 12/6/2018 21:20:06 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29564	F 17.00	-.11507	3.7320	F<.00000
Stddev	.00180	.06	.00001	.1238	3.0751
%RSD	.61010	.3793	.01207	3.3182	1.7695

#1	.29437	16.96	-.11508	3.8196	-171.61
#2	.29692	17.05	-.11506	3.6445	-175.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4021.9	53668.	4641.9	81.202	3136.6
Stddev	4.6	54.	30.3	.465	2.3
%RSD	.11543	.10086	.65186	.57211	.07351

#1	4018.6	53630.	4663.3	81.530	3138.2
#2	4025.2	53706.	4620.5	80.873	3135.0

Sample Name: J6214-15 Acquired: 12/6/2018 21:24:09 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1-(10-12) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00814	-.06245	.09575	.13150	.01806	511.58	4.0219	.01353
Stddev	.00552	.00185	.00287	.00238	.00012	2.85	.0076	.00009
%RSD	67.854	2.9690	2.9965	1.8096	.65801	.55755	.18815	.64791

#1	-.01205	-.06376	.09778	.12982	.01815	509.57	4.0272	.01360
#2	-.00423	-.06114	.09372	.13319	.01798	513.60	4.0165	.01347

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	65.900	1.2733	.39994	.18941	774.04	13.972	220.77
Stddev	.00207	.224	.0002	.00122	.00308	13.74	.015	.35
%RSD	73.646	.33969	.01233	.30555	1.6281	1.7754	.10491	.15820

#1	-.00135	65.742	1.2734	.40080	.19159	764.32	13.982	220.52
#2	-.00428	66.058	1.2731	.39908	.18723	783.75	13.961	221.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71377	.00039	2.2496	1.1040	1.9745	114.55	.00415	.54651
Stddev	.00028	.00005	.0233	.0015	.0177	.00	.00060	.01810
%RSD	.03963	13.314	1.0344	.13399	.89880	.00184	14.409	3.3113

#1	.71397	.00035	2.2331	1.1030	1.9620	114.55	.00458	.53371
#2	.71357	.00043	2.2660	1.1051	1.9871	114.55	.00373	.55930

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9165	3.1453	.02444	F 34.748	.39164	F 30.73	-.32193	3.3852
Stddev	.0003	.0071	.00144	.101	.00628	.01	.01334	.0576
%RSD	.01456	.22462	5.8885	.29205	1.6032	.0442	4.1439	1.7021

#1	1.9167	3.1403	.02546	34.676	.38720	30.74	-.31250	3.4259
#2	1.9163	3.1502	.02343	34.819	.39608	30.72	-.33137	3.3444

Sample Name: J6214-15 Acquired: 12/6/2018 21:24:09 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1-(10-12) Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.2	53200.	4619.5	83.504	3132.4
Stddev	10.4	15.	13.7	.689	10.0
%RSD	.25777	.02731	.29643	.82508	.31837
#1	4023.8	53210.	4609.8	83.992	3125.4
#2	4038.5	53189.	4629.2	83.017	3139.5

Sample Name: J6214-17 Acquired: 12/6/2018 21:28:13 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06119	-.01843	7.0656	.08351	.01229	173.14	3.4461
Stddev	.00128	.00095	.0059	.00046	.00047	.33	.0227
%RSD	2.0841	5.1650	.08338	.54669	3.7952	.19248	.65903

#1	.06209	-.01911	7.0697	.08319	.01262	172.90	3.4300
#2	.06029	-.01776	7.0614	.08384	.01196	173.37	3.4621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00858	.00578	566.20	.29675	.13357	.52570	458.38
Stddev	.00002	.00086	4.97	.00104	.00028	.00313	6.71
%RSD	.22608	14.905	.87692	.35000	.20727	.59614	1.4648

#1	.00857	.00639	562.69	.29748	.13376	.52791	453.63
#2	.00860	.00517	569.71	.29602	.13337	.52348	463.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0205	125.01	.38532	-.00817	4.8210	.60075	4.2736
Stddev	.0299	.90	.00023	.00048	.0514	.00122	.0452
%RSD	.49631	.72373	.06081	5.8380	1.0651	.20265	1.0581

#1	6.0416	124.37	.38516	-.00851	4.7847	.60161	4.2416
#2	5.9994	125.65	.38549	-.00784	4.8574	.59989	4.3055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.485	.01196	.32150	F 13.505	3.3430	.10571	8.0279
Stddev	.325	.00039	.00314	.025	.0282	.00136	.0443
%RSD	.91532	3.2488	.97591	.18172	.84341	1.2908	.55134

#1	35.256	.01168	.32372	13.523	3.3230	.10667	7.9966
#2	35.715	.01223	.31928	13.488	3.3629	.10475	8.0592

Sample Name: J6214-17 Acquired: 12/6/2018 21:28:13 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-10-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23841	F 10.60	1.2912	4.8198	F<.00000
Stddev	.00044	.03	.0085	.0125	.72040
%RSD	.18620	.2429	.65922	.25895	.69170

#1	.23872	10.61	1.2852	4.8286	-103.64
#2	.23809	10.58	1.2972	4.8109	-104.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3819.7	50992.	4442.3	82.532	3221.9
Stddev	2.7	129.	19.6	.921	1.4
%RSD	.07158	.25326	.44040	1.1160	.04398

#1	3817.8	50901.	4456.1	83.183	3220.9
#2	3821.6	51083.	4428.5	81.881	3222.9

Sample Name: J6219-01 Acquired: 12/6/2018 21:32:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NM-342-135-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01390	-.01028	-.02207	.05029	.00560	110.65	.05420
Stddev	.00226	.00008	.00012	.00218	.00007	.10	.00108
%RSD	16.255	.76885	.52497	4.3369	1.2733	.09042	1.9941

#1	-.01230	-.01034	-.02215	.05183	.00565	110.72	.05496
#2	-.01550	-.01023	-.02199	.04875	.00555	110.58	.05343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00495	83.255	.02682	.21807	1.0323	273.98
Stddev	.00007	.00081	.221	.00021	.00040	.0015	9.15
%RSD	6.6177	16.398	.26574	.78760	.18289	.14552	3.3409

#1	.00109	-.00552	83.412	.02667	.21835	1.0313	280.45
#2	.00099	-.00438	83.099	.02697	.21779	1.0334	267.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7663	69.908	.17430	-.00502	10.977	.65475	.33016
Stddev	.0033	.074	.00109	.00029	.071	.00319	.01322
%RSD	.18555	.10624	.62250	5.6873	.64798	.48776	4.0032

#1	1.7686	69.961	.17507	-.00482	11.027	.65701	.33950
#2	1.7640	69.856	.17353	-.00522	10.927	.65249	.32081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0113	.00305	.19656	2.2308	.64267	.00430	4.3431
Stddev	.0254	.00042	.00206	.0184	.01757	.00000	.0109
%RSD	2.5152	13.932	1.0475	.82526	2.7340	.02357	.24985

#1	1.0293	.00275	.19510	2.2439	.65509	.00430	4.3508
#2	.99333	.00335	.19801	2.2178	.63024	.00430	4.3355

Sample Name: J6219-01 Acquired: 12/6/2018 21:32:16 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NM-342-135-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01878	8.446	-.08201	4.5672	F<.00000
Stddev	.00027	.045	.00911	.1223	1.1626
%RSD	1.4294	.5361	11.106	2.6775	2.4266

#1	.01859	8.478	-.08845	4.6537	-48.734
#2	.01897	8.414	-.07557	4.4807	-47.090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4184.4	55842.	4637.9	88.689	3623.8
Stddev	1.7	111.	28.8	3.386	12.6
%RSD	.04059	.19881	.62008	3.8179	.34864

#1	4183.2	55764.	4617.5	86.295	3614.8
#2	4185.6	55921.	4658.2	91.083	3632.7

Sample Name: CCV10 Acquired: 12/6/2018 21:36:10 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14286 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0693	4.7839	4.8984	4.8956	5.0679	10.196	10.043	.24718
Stddev	.0008	.0020	.0014	.0172	.0093	.103	.047	.00033
%RSD	.01609	.04092	.02970	.35076	.18399	1.0080	.46475	.13420
#1	5.0687	4.7853	4.8974	4.9077	5.0745	10.124	10.076	.24741
#2	5.0699	4.7825	4.8995	4.8834	5.0613	10.269	10.010	.24694
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3652	26.144	1.0179	2.3956	1.2467	4.6734	2.5040	24.738
Stddev	.0029	.066	.0036	.0072	.0004	.0102	.0032	.146
%RSD	.12371	.25417	.35400	.30214	.02936	.21838	.12626	.58943
#1	2.3631	26.191	1.0204	2.3905	1.2465	4.6662	2.5063	24.635
#2	2.3673	26.097	1.0153	2.4008	1.2470	4.6806	2.5018	24.841
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3413	1.3037	23.838	2.3386	2.4408	25.031	4.8395	4.9307
Stddev	.0031	.0050	.082	.0051	.0139	.046	.0087	.0100
%RSD	.13269	.38359	.34602	.21926	.56833	.18191	.17884	.20202
#1	2.3391	1.3073	23.896	2.3422	2.4506	25.063	4.8456	4.9377
#2	2.3435	1.3002	23.779	2.3350	2.4310	24.998	4.8333	4.9236
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6699	5.0996	4.6134	4.9031	5.0023	4.723	5.3079	F 6.4983
Stddev	.0036	.0401	.0119	.0048	.0263	.004	.0186	.0188
%RSD	.07781	.78590	.25727	.09787	.52664	.0811	.34954	.28939
#1	4.6673	5.1280	4.6050	4.9065	5.0209	4.721	5.3210	6.5116
#2	4.6724	5.0713	4.6217	4.8997	4.9837	4.726	5.2948	6.4850

Sample Name: CCV10 Acquired: 12/6/2018 21:36:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14286 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0920
Stddev	.6940
%RSD	33.176

#1	1.6012
#2	2.5827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.5	49376.	3982.2	91.543	3802.2
Stddev	4.0	83.	36.0	.560	5.8
%RSD	.10810	.16748	.90486	.61127	.15195

#1	3714.7	49317.	3956.8	91.147	3806.3
#2	3720.3	49434.	4007.7	91.938	3798.1

Sample Name: CCB10 Acquired: 12/6/2018 21:39:56 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14286 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00274	F .00921	.00305	.00080	.00831	.00761
Stddev	.00018	.00106	.00123	.00015	.00023	.01477	.00032
%RSD	24.225	38.883	13.336	4.9185	28.466	177.70	4.1836

#1	.00061	-.00349	.01008	.00294	.00064	-.00213	.00738
#2	.00086	-.00198	.00834	.00315	.00097	.01875	.00783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00008	.00013	-.00001	-.00007	-.00107	.00847
Stddev	.00002	.00004	.00681	.00003	.00006	.00008	.00236
%RSD	27.193	55.081	5105.6	271.49	84.873	7.0355	27.861

#1	.00008	-.00011	.00495	-.00003	-.00003	-.00112	.00680
#2	.00005	-.00005	-.00468	.00001	-.00011	-.00102	.01014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.03471	-.00099	.00003	-.24614	.00053	.00005
Stddev	.00008	.03360	.00011	.00018	.00886	.00005	.00009
%RSD	53.569	96.787	11.366	632.56	3.5988	8.5819	206.16

#1	.00021	.05847	-.00107	.00015	-.25241	.00049	-.00002
#2	.00010	.01096	-.00091	-.00010	-.23988	.00056	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02391	-.00025	-.00851	F -.01022	.01146	-.00209	.00570
Stddev	.06892	.00004	.00655	.00078	.00307	.00003	.00018
%RSD	288.28	14.662	77.034	7.6411	26.814	1.2405	3.1575

#1	-.02483	-.00027	-.01314	-.00967	.01364	-.00207	.00583
#2	.07265	-.00022	-.00387	-.01077	.00929	-.00211	.00557

Sample Name: CCB10 Acquired: 12/6/2018 21:39:56 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14286 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00156	-.0033	-.00030	F 5.7103	F .77494
Stddev	.00076	.0001	.00005	.0824	.32064
%RSD	48.805	2.355	15.381	1.4423	41.376

#1	.00210	-.0034	-.00033	5.7685	1.0017
#2	.00102	-.0033	-.00027	5.6521	.54821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3851.9	51781.	3987.8	95.404	4317.1
Stddev	12.2	172.	13.4	.583	6.5
%RSD	.31623	.33198	.33714	.61147	.15037

#1	3843.2	51660.	3978.3	95.817	4312.6
#2	3860.5	51903.	3997.3	94.992	4321.7

Sample Name: J6224-01 Acquired: 12/6/2018 21:44:01 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28700	-.00677	.21430	.16062	.02234	154.10	.28439	.02122
Stddev	.00438	.00281	.00172	.00543	.00028	.68	.00072	.00044
%RSD	1.5270	41.544	.80050	3.3780	1.2387	.44076	.25384	2.0938

#1	.28390	-.00478	.21309	.16446	.02253	154.58	.28490	.02154
#2	.29010	-.00876	.21551	.15678	.02214	153.62	.28388	.02091

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01297	20.347	F 2.5979	.04273	.01863	847.39	.84687	15.590
Stddev	.00106	.078	.0142	.00040	.00193	8.38	.00661	.002
%RSD	8.1396	.38121	.54522	.94779	10.384	.98901	.77996	.01349

#1	-.01372	20.292	2.6080	.04244	.01726	853.31	.85154	15.589
#2	-.01223	20.402	2.5879	.04301	.02000	841.46	.84220	15.592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06769	-.02623	2.0702	1.3577	.96069	25.659	.00492	.65956
Stddev	.00193	.00068	.0076	.0121	.01414	.123	.00012	.01214
%RSD	2.8556	2.5813	.36545	.89206	1.4719	.48052	2.4489	1.8404

#1	.06905	-.02671	2.0648	1.3663	.97069	25.572	.00501	.66815
#2	.06632	-.02575	2.0755	1.3492	.95070	25.746	.00484	.65098

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3564	2.2376	.01731	1.0982	.04742	F 16.21	-.83473	2.8107
Stddev	.0081	.0212	.00050	.0051	.00148	.04	.00917	.1235
%RSD	.18568	.94605	2.9029	.46278	3.1107	.2402	1.0989	4.3950

#1	4.3507	2.2526	.01767	1.0946	.04846	16.23	-.84122	2.7233
#2	4.3621	2.2227	.01696	1.1018	.04637	16.18	-.82825	2.8980

Sample Name: J6224-01 Acquired: 12/6/2018 21:44:01 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4083.3	54249.	4487.1	87.056	3502.0
Stddev	.5	448.	.4	1.154	.7
%RSD	.01284	.82632	.00870	1.3255	.01911
#1	4082.9	53932.	4486.8	86.241	3502.5
#2	4083.6	54566.	4487.4	87.872	3501.6

Sample Name: J6233-01 Acquired: 12/6/2018 21:48:00 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52478	-.07636	.22569	.35858	.03159	703.86	4.4694
Stddev	.00088	.00213	.00075	.00479	.00131	1.60	.0253
%RSD	.16847	2.7910	.33247	1.3362	4.1522	.22792	.56644

#1	.52541	-.07786	.22516	.36196	.03252	702.73	4.4515
#2	.52416	-.07485	.22622	.35519	.03066	705.00	4.4873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04831	-.00217	11.315	1.2888	.54806	.48497	F 1674.8
Stddev	.00010	.00251	.244	.0021	.00097	.00384	23.2
%RSD	.20609	115.89	2.1560	.16094	.17647	.79212	1.3837

#1	.04838	-.00394	11.142	1.2903	.54737	.48225	1691.2
#2	.04824	-.00039	11.487	1.2873	.54874	.48769	1658.4

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.399	404.51	1.0166	.05384	2.1942	1.7539	2.9039
Stddev	.117	2.77	.0007	.00393	.0338	.0016	.0473
%RSD	.37109	.68519	.07237	7.2985	1.5429	.09082	1.6300

#1	31.316	402.55	1.0171	.05662	2.1703	1.7528	2.9374
#2	31.481	406.47	1.0161	.05106	2.2182	1.7551	2.8704

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	343.15	.08259	1.6112	2.0808	2.9397	.07930	F 31.310
Stddev	2.89	.00028	.0335	.0048	.0386	.00202	.170
%RSD	.84268	.34499	2.0797	.23139	1.3139	2.5492	.54428

#1	341.11	.08279	1.6349	2.0843	2.9124	.07787	31.190
#2	345.20	.08239	1.5876	2.0774	2.9670	.08073	31.431

Sample Name: J6233-01 Acquired: 12/6/2018 21:48:00 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4965	F 32.92	F -1.5806	<.00000	^ *****
Stddev	.0094	.02	.0281	.12758	-----
%RSD	.62767	.0715	1.7778	9.0993	-----
#1	1.4899	32.94	-1.6004	-1.3119	^ -----
#2	1.5032	32.90	-1.5607	-1.4923	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5001.1	65657.	5863.6	71.645	2695.7
Stddev	2.2	180.	25.6	1.115	5.2
%RSD	.04392	.27396	.43732	1.5562	.19273
#1	5002.7	65530.	5881.8	70.857	2699.4
#2	4999.6	65785.	5845.5	72.433	2692.0

Sample Name: J6233-03 Acquired: 12/6/2018 21:52:01 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10524	-.00505	.04345	.09107	.01042	123.83	.43534
Stddev	.00050	.00157	.00282	.00261	.00076	.20	.00398
%RSD	.47971	31.031	6.4893	2.8669	7.2610	.16460	.91505

#1	.10560	-.00616	.04146	.09292	.01095	123.97	.43815
#2	.10489	-.00394	.04545	.08922	.00988	123.69	.43252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01172	-.00942	.64857	.30261	.57870	.03079	464.17
Stddev	.00021	.00056	.00093	.00198	.00167	.00050	.50
%RSD	1.7876	5.9512	.14393	.65508	.28915	1.6260	.10708

#1	.01157	-.00982	.64923	.30401	.57752	.03043	464.52
#2	.01187	-.00903	.64791	.30121	.57988	.03114	463.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0918	6.0135	.05691	-.00295	-.09284	.43909	.32234
Stddev	.0074	.0185	.00044	.00067	.00744	.00210	.00079
%RSD	.12095	.30831	.77937	22.609	8.0176	.47784	.24588

#1	6.0866	6.0266	.05723	-.00342	-.09810	.44058	.32290
#2	6.0971	6.0004	.05660	-.00248	-.08758	.43761	.32178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.928	.00071	.40817	1.8159	1.6287	.00419	.84828
Stddev	.014	.00020	.00216	.0092	.0252	.00059	.00691
%RSD	.11715	27.480	.52821	.50738	1.5457	14.186	.81440

#1	11.918	.00085	.40665	1.8094	1.6465	.00461	.85316
#2	11.938	.00057	.40970	1.8224	1.6109	.00377	.84339

Sample Name: J6233-03 Acquired: 12/6/2018 21:52:01 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01688	7.763	-.49670	1.8456	F<.00000
Stddev	.00044	.029	.00052	.0292	1.1048
%RSD	2.5963	.3733	.10468	1.5816	.96077

#1	.01657	7.742	-.49707	1.8250	-115.77
#2	.01719	7.783	-.49634	1.8662	-114.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4786.0	63959.	5154.5	90.117	3713.0
Stddev	18.8	247.	47.8	.360	13.4
%RSD	.39275	.38567	.92732	.39997	.35961

#1	4799.3	63785.	5120.7	89.862	3722.5
#2	4772.7	64134.	5188.3	90.372	3703.6

Sample Name: J6172-06 Acquired: 12/6/2018 21:56:09 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180978-FIE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.00069	-.00007	.00004	-.00093	.00873	.00611	.00006
Stddev	.00013	.00059	.00031	.00410	.00087	.00954	.00184	.00006
%RSD	6.1931	85.716	458.86	10691.	92.735	109.20	30.070	101.45

#1	-.00203	-.00027	.00015	.00294	-.00154	.00199	.00481	.00010
#2	-.00221	-.00111	-.00028	-.00286	-.00032	.01548	.00741	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01676	-.00010	.00007	-.00063	.00597	.00013	.03823
Stddev	.00005	.00548	.00003	.00005	.00001	.00761	.00000	.00274
%RSD	158.64	32.728	28.672	74.074	1.3006	127.46	2.5751	7.1580

#1	.00000	-.02064	-.00008	.00010	-.00062	.01135	.00013	.03630
#2	-.00007	-.01288	-.00012	.00003	-.00063	.00059	.00013	.04017

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00025	-.28891	-.00019	.01218	.01935	-.00051	-.01389
Stddev	.00037	.00025	.01297	.00017	.00005	.03745	.00011	.00543
%RSD	725.32	101.32	4.4909	91.005	.41126	193.51	20.575	39.128

#1	.00021	-.00007	-.27974	-.00031	.01222	.04584	-.00059	-.01773
#2	-.00031	-.00043	-.29808	-.00007	.01215	-.00713	-.00044	-.01004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00995	.00055	-.00385	.00243	-.00704	-.0017	-.00023	4.3543
Stddev	.00060	.00062	.00000	.00315	.00025	.0002	.00001	.0912
%RSD	6.0552	111.97	.11812	129.58	3.5152	13.96	2.3055	2.0951

#1	-.01038	.00098	-.00385	.00020	-.00686	-.0019	-.00023	4.4188
#2	-.00953	.00011	-.00384	.00466	-.00721	-.0015	-.00024	4.2898

Sample Name: J6172-06 Acquired: 12/6/2018 21:56:09 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180978-FIE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.71666
Stddev	.20409
%RSD	28.478

#1	.86098
#2	.57235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4317.2	58040.	4455.3	107.26	4923.4
Stddev	1.4	5.	8.7	.23	3.5
%RSD	.03347	.00857	.19478	.21425	.07092

#1	4316.1	58044.	4461.4	107.43	4921.0
#2	4318.2	58037.	4449.1	107.10	4925.9

Sample Name: J6185-01 Acquired: 12/6/2018 22:00:14 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6 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	-.00860	.00766	.00747	-.00275	.00144	.21219	-.00012
Stddev	.00346	.00128	.00114	.00387	.00005	.00803	.00408	.00004
%RSD	1272.3	14.926	14.846	51.787	1.6497	559.32	1.9233	28.771

#1	-.00272	-.00951	.00847	.00473	-.00272	.00711	.21508	-.00015
#2	.00217	-.00769	.00686	.01020	-.00279	-.00424	.20931	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	346.22	.00114	.00025	.05724	6.2730	1.0784	87.887
Stddev	.00002	4.63	.00018	.00005	.00064	.0568	.0007	1.399
%RSD	4.7352	1.3387	15.661	21.018	1.1170	.90623	.06795	1.5923

#1	-.00044	349.49	.00126	.00021	.05679	6.3132	1.0789	88.877
#2	-.00047	342.94	.00101	.00028	.05770	6.2328	1.0779	86.898

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00007	174.86	.00102	.04148	24.576	.00266	.25596
Stddev	.00083	.00052	2.48	.00040	.00015	.283	.00052	.00758
%RSD	204.35	714.45	1.4178	39.072	.37014	1.1527	19.468	2.9601

#1	.00100	.00029	176.62	.00074	.04158	24.776	.00229	.25060
#2	-.00018	-.00044	173.11	.00130	.04137	24.375	.00302	.26132

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 90.229	F 15.720	-.03310	-.00387	.03114	2.312	3.1178	7.3083
Stddev	.609	.109	.00122	.00140	.00196	.020	.0383	.0530
%RSD	.67546	.69535	3.6845	36.314	6.2904	.8543	1.2290	.72579

#1	89.798	15.797	-.03224	-.00287	.03252	2.298	3.1449	7.3458
#2	90.660	15.643	-.03397	-.00486	.02975	2.326	3.0907	7.2707

Sample Name: J6185-01 Acquired: 12/6/2018 22:00:14 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4334
Stddev .0345
%RSD 1.0053

#1 3.4090
#2 3.4578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.6	44586.	3724.2	83.687	3340.3
Stddev	21.1	188.	45.7	.665	14.6
%RSD	.63719	.42217	1.2272	.79438	.43703

#1	3329.5	44453.	3691.8	83.217	3350.6
#2	3299.7	44719.	3756.5	84.157	3330.0

Sample Name: J6204-09 Acquired: 12/6/2018 22:04:15 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-FB1-112 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00374	.00277	.00007	.00075	.01477	.00731	-.00008
Stddev	.00053	.00013	.00128	.00159	.00022	.00163	.00062	.00004
%RSD	25.392	3.5355	46.211	2208.4	28.781	11.040	8.4344	53.166

#1	-.00246	-.00383	.00367	.00120	.00090	.01592	.00688	-.00005
#2	-.00171	-.00365	.00186	-.00105	.00060	.01362	.00775	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.04357	.00940	-.00005	.00097	.05496	.00114	.04549
Stddev	.00004	.00794	.00027	.00012	.00028	.00216	.00002	.02746
%RSD	32.155	18.227	2.8798	221.36	28.624	3.9335	1.5117	60.366

#1	-.00010	.04918	.00921	.00003	.00117	.05343	.00115	.02607
#2	-.00016	.03795	.00959	-.00014	.00078	.05649	.00113	.06491

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.00015	-.14520	-.00004	.03427	.18308	-.00019	.00140
Stddev	.00025	.00034	.01867	.00015	.00023	.04204	.00007	.01185
%RSD	9.4203	223.10	12.858	401.70	.67202	22.961	33.929	843.52

#1	.00250	-.00009	-.13200	.00007	.03444	.21280	-.00015	.00978
#2	.00285	.00039	-.15841	-.00015	.03411	.15335	-.00024	-.00697

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02248	.02479	-.00211	.00442	.00249	-.0024	-.00018	5.5451
Stddev	.00411	.00088	.00075	.00312	.00268	.0012	.00004	.1178
%RSD	18.290	3.5599	35.570	70.597	107.94	49.63	20.244	2.1243

#1	.02539	.02416	-.00158	.00662	.00438	-.0016	-.00021	5.6284
#2	.01957	.02541	-.00264	.00221	.00059	-.0033	-.00016	5.4618

Sample Name: J6204-09 Acquired: 12/6/2018 22:04:15 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-FB1-112 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .34253
 Stddev .83683
 %RSD 244.31

#1 -.24920
 #2 .93426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3786.3	51834.	3899.7	91.392	4197.4
Stddev	9.9	169.	10.4	.601	13.1
%RSD	.26237	.32619	.26688	.65765	.31129

#1	3779.3	51715.	3907.0	90.967	4188.1
#2	3793.3	51954.	3892.3	91.817	4206.6

Sample Name: J6209-01 Acquired: 12/6/2018 22:08:21 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12.68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04503	-.00470	.03532	.00841	.00296	1.2529	.15331	.00008
Stddev	.00078	.00015	.00006	.00407	.00017	.0076	.00018	.00002
%RSD	1.7423	3.2564	.17906	48.366	5.7754	.60367	.11999	28.637

#1	.04559	-.00481	.03537	.01129	.00308	1.2582	.15318	.00009
#2	.04448	-.00459	.03528	.00554	.00284	1.2475	.15344	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	105.08	.00695	.00130	.03458	12.099	1.0448	22.936
Stddev	.00002	.68	.00036	.00013	.00005	.223	.0017	.135
%RSD	13.796	.64408	5.1559	10.352	.15870	1.8400	.15851	.58668

#1	.00010	104.60	.00721	.00121	.03454	12.256	1.0436	22.841
#2	.00012	105.56	.00670	.00140	.03462	11.941	1.0460	23.031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00050	81.046	.00589	.16127	10.271	.00851	.17028
Stddev	.00048	.00064	.093	.00021	.00354	.055	.00003	.01343
%RSD	29.789	128.69	.11474	3.4799	2.1950	.53281	.30244	7.8882

#1	.00126	-.00004	80.980	.00604	.16377	10.233	.00853	.17978
#2	.00193	-.00095	81.112	.00575	.15876	10.310	.00850	.16078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6699	F 19.137	-.00172	.05814	.01520	3.008	.54514	6.6336
Stddev	.0343	.114	.00043	.00122	.00042	.017	.00284	.0910
%RSD	.60483	.59483	24.818	2.0990	2.7364	.5702	.52023	1.3723

#1	5.6457	19.057	-.00202	.05900	.01549	2.996	.54314	6.6980
#2	5.6942	19.218	-.00142	.05728	.01491	3.020	.54715	6.5692

Sample Name: J6209-01 Acquired: 12/6/2018 22:08:21 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12.68 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3419
Stddev	.1292
%RSD	3.8655

#1	3.4333
#2	3.2506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.5	47560.	3830.8	88.881	3717.9
Stddev	7.8	146.	5.2	1.944	27.7
%RSD	.21911	.30707	.13691	2.1876	.74576

#1	3563.9	47457.	3834.5	87.506	3737.5
#2	3575.0	47663.	3827.1	90.256	3698.3

Sample Name: J6209-03 Acquired: 12/6/2018 22:12:21 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12.65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03250	-.00537	.00509	.00377	.00130	.12446	.09980	.00002
Stddev	.00212	.00054	.00007	.00262	.00146	.00568	.00177	.00001
%RSD	6.5261	10.039	1.3101	69.711	112.19	4.5649	1.7748	77.299

#1	.03400	-.00499	.00514	.00191	.00234	.12044	.10105	.00001
#2	.03100	-.00575	.00505	.00562	.00027	.12847	.09855	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	84.125	.00191	.00005	.01460	2.4393	.73881	17.464
Stddev	.00005	2.611	.00056	.00013	.00037	.0579	.00411	.429
%RSD	25.519	3.1034	29.186	282.72	2.5473	2.3745	.55648	2.4566

#1	-.00016	85.971	.00152	.00014	.01487	2.4803	.74171	17.767
#2	-.00024	82.279	.00231	-.00005	.01434	2.3984	.73590	17.160

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00028	55.466	.00184	.06106	7.3017	.00691	.14412
Stddev	.00036	.00089	1.702	.00003	.00259	.1189	.00041	.00897
%RSD	28.147	312.34	3.0691	1.3887	4.2473	1.6289	5.9806	6.2263

#1	-.00152	-.00091	56.670	.00186	.06289	7.3858	.00662	.13778
#2	-.00101	.00034	54.263	.00182	.05922	7.2176	.00720	.15047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5229	F 13.336	-.00231	.00366	.01109	.6213	.40875	6.4282
Stddev	.0088	.390	.00082	.00255	.00025	.0015	.01333	.1598
%RSD	.19514	2.9244	35.247	69.622	2.2620	.2352	3.2614	2.4852

#1	4.5167	13.612	-.00289	.00186	.01126	.6203	.41818	6.5412
#2	4.5291	13.060	-.00174	.00546	.01091	.6223	.39933	6.3153

Sample Name: J6209-03 Acquired: 12/6/2018 22:12:21 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12.65 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6200
Stddev	.2267
%RSD	13.992

#1	1.7803
#2	1.4597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.6	48346.	3976.7	93.240	3810.1
Stddev	5.8	437.	108.6	3.544	.6
%RSD	.15958	.90345	2.7319	3.8013	.01490

#1	3622.7	48037.	3899.9	90.734	3809.7
#2	3614.5	48654.	4053.6	95.746	3810.5

Sample Name: J6209-05 Acquired: 12/6/2018 22:16:22 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HMF-NORTH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02228	-.00569	.00838	.00251	.00116	.14653	.10558	-.00003
Stddev	.00315	.00078	.00058	.00104	.00002	.01384	.00066	.00007
%RSD	14.160	13.793	6.9476	41.371	1.8515	9.4478	.62451	286.97
#1	.02005	-.00513	.00797	.00178	.00114	.15632	.10511	-.00008
#2	.02451	-.00624	.00879	.00324	.00117	.13674	.10605	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	85.174	.00367	-.00012	.01411	2.1038	.60329	18.181
Stddev	.00003	.138	.00021	.00015	.00031	.0315	.00102	.022
%RSD	16.804	.16255	5.8216	128.44	2.1722	1.4981	.16872	.12275
#1	-.00020	85.272	.00382	-.00022	.01389	2.0815	.60401	18.165
#2	-.00015	85.076	.00352	-.00001	.01432	2.1261	.60257	18.197
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00020	62.374	.00241	.06848	6.9504	.00863	.12229
Stddev	.00062	.00050	.002	.00039	.00038	.0175	.00038	.00431
%RSD	113.57	254.01	.00305	16.132	.55332	.25137	4.4502	3.5247
#1	-.00011	.00055	62.375	.00268	.06821	6.9627	.00890	.11924
#2	-.00099	-.00016	62.372	.00213	.06875	6.9380	.00836	.12534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4144	F 13.220	-.00393	.00994	.01094	.4152	.39493	6.4042
Stddev	.0147	.004	.00027	.00097	.00061	.0042	.00106	.1967
%RSD	.27218	.03062	6.9748	9.7556	5.5840	1.022	.26834	3.0718
#1	5.4040	13.217	-.00374	.01062	.01051	.4122	.39568	6.5434
#2	5.4249	13.223	-.00413	.00925	.01137	.4182	.39418	6.2651

Sample Name: J6209-05 Acquired: 12/6/2018 22:16:22 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HMF-NORTH Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5586
Stddev	.1187
%RSD	7.6133

#1	1.6426
#2	1.4747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.1	48218.	3830.9	88.146	3787.8
Stddev	8.8	314.	3.5	.425	17.2
%RSD	.24447	.65126	.09226	.48260	.45482

#1	3584.9	47996.	3828.4	88.447	3800.0
#2	3597.3	48440.	3833.4	87.845	3775.6

Sample Name: J6209-07 Acquired: 12/6/2018 22:20:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HMF-SOUTH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04814	-.00515	.00744	.00719	.00132	.17775	.12945	-.00005
Stddev	.00060	.00059	.00037	.00250	.00178	.00963	.00167	.00006
%RSD	1.2482	11.519	5.0395	34.776	134.64	5.4194	1.2884	133.00

#1	.04856	-.00557	.00771	.00895	.00006	.17094	.13063	-.00000
#2	.04771	-.00473	.00718	.00542	.00257	.18457	.12828	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	94.344	.00206	.00047	.00971	4.5531	.99672	19.986
Stddev	.00004	1.248	.00021	.00024	.00005	.0577	.00263	.114
%RSD	16.437	1.3230	10.056	51.484	.48394	1.2681	.26416	.57199

#1	-.00024	95.227	.00220	.00064	.00967	4.5939	.99486	20.067
#2	-.00030	93.461	.00191	.00030	.00974	4.5123	.99858	19.905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00012	71.073	.00191	.09373	8.0160	.00658	.18634
Stddev	.00020	.00010	.690	.00119	.00134	.0369	.00016	.00224
%RSD	35.702	81.908	.97059	62.288	1.4290	.46046	2.4661	1.2013

#1	-.00072	-.00005	71.561	.00274	.09467	8.0421	.00669	.18793
#2	-.00043	-.00019	70.585	.00107	.09278	7.9899	.00646	.18476

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6308	F 14.321	-.00397	.00998	.01022	.4213	.45497	6.3201
Stddev	.0186	.229	.00066	.00034	.00173	.0038	.00730	.0122
%RSD	.40121	1.6001	16.492	3.3650	16.920	.9037	1.6052	.19262

#1	4.6177	14.483	-.00444	.00974	.00900	.4186	.46014	6.3287
#2	4.6440	14.159	-.00351	.01022	.01145	.4240	.44981	6.3115

Sample Name: J6209-07 Acquired: 12/6/2018 22:20:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HMF-SOUTH Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1475
Stddev	.3027
%RSD	14.094

#1	2.3616
#2	1.9335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.6	48237.	3829.3	89.976	3750.5
Stddev	16.7	21.	55.6	1.723	15.1
%RSD	.46377	.04378	1.4519	1.9147	.40144

#1	3589.8	48252.	3790.0	88.758	3739.9
#2	3613.4	48222.	3868.6	91.195	3761.2

Sample Name: CCV11 Acquired: 12/6/2018 22:24:25 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14288 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9682	4.7937	4.8387	4.8701	4.9902	9.9510	9.9806	.24542
Stddev	.0019	.0039	.0066	.0023	.0103	.0439	.0816	.00067
%RSD	.03856	.08226	.13549	.04637	.20728	.44073	.81736	.27291
#1	4.9668	4.7909	4.8340	4.8685	4.9829	9.9199	10.038	.24590
#2	4.9695	4.7965	4.8433	4.8717	4.9976	9.9820	9.9229	.24495
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3612	25.760	1.0080	2.3842	1.2399	4.8021	2.4927	24.683
Stddev	.0023	.221	.0013	.0014	.0005	.0141	.0020	.475
%RSD	.09603	.85763	.12809	.05843	.03710	.29379	.07975	1.9226
#1	2.3596	25.917	1.0071	2.3832	1.2402	4.8121	2.4941	25.018
#2	2.3628	25.604	1.0089	2.3852	1.2395	4.7921	2.4913	24.347
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3511	1.2765	24.046	2.3679	2.5007	24.772	4.8647	4.8981
Stddev	.0035	.0029	.124	.0011	.0170	.144	.0102	.0324
%RSD	.15018	.22729	.51715	.04827	.67838	.58039	.21054	.66091
#1	2.3486	1.2785	24.134	2.3687	2.5127	24.874	4.8575	4.9210
#2	2.3536	1.2744	23.958	2.3671	2.4887	24.670	4.8720	4.8752
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6891	5.0670	4.6547	4.8798	4.9840	4.736	5.2219	F 6.0380
Stddev	.0060	.0730	.0102	.0344	.0479	.007	.0362	.0331
%RSD	.12788	1.4400	.21991	.70464	.96132	.1572	.69256	.54910
#1	4.6934	5.1186	4.6475	4.9041	5.0179	4.731	5.2475	6.0145
#2	4.6849	5.0154	4.6620	4.8555	4.9502	4.741	5.1963	6.0614

Sample Name: CCV11 Acquired: 12/6/2018 22:24:25 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14288 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8282
Stddev	.0942
%RSD	3.3300

#1	2.7616
#2	2.8948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.9	50201.	3988.3	89.546	3839.6
Stddev	.4	94.	48.3	.749	4.6
%RSD	.01114	.18652	1.2105	.83671	.11957

#1	3781.6	50135.	3954.1	89.016	3836.3
#2	3782.2	50267.	4022.4	90.075	3842.8

Sample Name: CCB11 Acquired: 12/6/2018 22:28:10 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14288 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	-.00276	F .00386	.00322	-.00074	.01633	.00744	-.00001
Stddev	.00152	.00038	.00016	.00445	.00180	.01718	.00129	.00002
%RSD	127.28	13.897	4.1765	138.06	244.29	105.16	17.401	270.96
#1	.00012	-.00249	.00375	.00636	.00054	.02848	.00835	-.00002
#2	.00227	-.00303	.00397	.00008	-.00201	.00419	.00652	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00461	.00062	.00004	-.00043	.00688	.00017	.05227
Stddev	.00010	.02017	.00020	.00002	.00047	.00768	.00005	.02802
%RSD	690.50	437.11	32.106	52.194	107.31	111.66	31.876	53.612
#1	-.00006	.00965	.00048	.00005	-.00076	.00145	.00013	.07208
#2	.00009	-.01888	.00076	.00002	-.00010	.01231	.00021	.03245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	.00048	-.20459	-.00017	-.00014	.01339	-.00015	-.01281
Stddev	.00000	.00002	.00252	.00027	.00001	.05365	.00016	.00691
%RSD	.22237	3.5531	1.2311	152.53	10.056	400.80	107.27	53.945
#1	-.00130	.00049	-.20281	-.00036	-.00013	.05132	-.00026	-.01770
#2	-.00130	.00046	-.20637	.00001	-.00015	-.02455	-.00004	-.00793
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00759	.00919	-.00172	.00294	.00085	-.0027	-.00018	F 5.3912
Stddev	.00142	.00308	.00009	.00369	.00011	.0001	.00003	.2004
%RSD	18.781	33.483	5.4901	125.40	12.451	4.415	16.281	3.7179
#1	-.00859	.00702	-.00178	.00554	.00092	-.0026	-.00020	5.5329
#2	-.00658	.01137	-.00165	.00033	.00077	-.0028	-.00016	5.2495

Sample Name: CCB11 Acquired: 12/6/2018 22:28:10 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14288 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .65684
Stddev	.25654
%RSD	39.056

#1	.83824
#2	.47544

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.1	52401.	4013.9	97.433	4363.9
Stddev	14.3	282.	48.3	.365	7.3
%RSD	.36482	.53783	1.2035	.37496	.16669

#1	3902.0	52201.	3979.7	97.175	4358.8
#2	3922.2	52600.	4048.0	97.692	4369.1

Sample Name: J6214-33 Acquired: 12/6/2018 22:32:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00839	-.02105	.09730	.02602	-.00090	92.351	1.5317	.00281
Stddev	.00375	.00300	.00018	.00008	.00099	.539	.0342	.00011
%RSD	44.680	14.236	.18296	.29641	109.31	.58405	2.2337	3.8486
#1	.00574	-.02317	.09717	.02597	-.00160	92.732	1.5559	.00288
#2	.01104	-.01893	.09742	.02608	-.00021	91.969	1.5075	.00273
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	932.79	.17769	.07620	.19860	110.08	5.6879	249.94
Stddev	.00012	18.74	.00212	.00050	.00194	1.97	.0293	4.71
%RSD	16.484	2.0089	1.1941	.65960	.97776	1.7932	.51560	1.8851
#1	.00065	946.04	.17919	.07656	.19723	111.47	5.7086	253.28
#2	.00083	919.53	.17619	.07584	.19998	108.68	5.6671	246.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19036	-.00451	F 1993.1	.19950	.30985	75.308	.02245	.25019
Stddev	.00045	.00016	49.1	.00270	.00511	1.520	.00015	.01378
%RSD	.23571	3.6014	2.4645	1.3523	1.6492	2.0179	.65905	5.5085
#1	.19068	-.00440	2027.9	.20141	.31346	76.383	.02235	.25993
#2	.19004	-.00463	1958.4	.19760	.30623	74.233	.02256	.24044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.424	F 69.341	-.02093	4.1520	.12495	3.646	3.2577	7.7860
Stddev	.165	1.515	.00167	.1403	.00144	.022	.0678	.0700
%RSD	.19769	2.1841	7.9536	3.3793	1.1532	.5919	2.0823	.89941
#1	83.540	70.412	-.01976	4.2512	.12393	3.631	3.3057	7.8356
#2	83.307	68.270	-.02211	4.0528	.12596	3.661	3.2097	7.7365

Sample Name: J6214-33 Acquired: 12/6/2018 22:32:16 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TW-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.777
Stddev	.134
%RSD	1.1417

#1	11.872
#2	11.681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.6	41049.	3870.3	80.401	2659.1
Stddev	1.4	353.	88.1	1.680	21.6
%RSD	.04443	.86108	2.2772	2.0893	.81068

#1	3178.6	40799.	3808.0	79.213	2643.9
#2	3176.6	41299.	3932.6	81.589	2674.3

Sample Name: J6214-33DUP Acquired: 12/6/2018 22:36:17 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01034	-.01923	.09594	.02803	-.00196	93.602	1.5496	.00298
Stddev	.00322	.00328	.00169	.00228	.00138	1.486	.0073	.00004
%RSD	31.171	17.043	1.7600	8.1214	70.624	1.5874	.47009	1.3232
#1	.00806	-.01691	.09714	.02642	-.00098	94.653	1.5445	.00295
#2	.01262	-.02155	.09475	.02964	-.00294	92.552	1.5548	.00301
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	945.71	.18209	.07519	.19562	113.21	5.8151	253.14
Stddev	.00008	8.15	.00120	.00031	.00132	.38	.1314	.68
%RSD	32.561	.86180	.65726	.40699	.67254	.33828	2.2591	.26995
#1	.00019	939.95	.18293	.07497	.19655	113.49	5.9080	252.66
#2	.00031	951.48	.18124	.07541	.19469	112.94	5.7222	253.63
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18982	-.00513	F 1969.6	.20384	.31593	76.521	.02234	.24111
Stddev	.00024	.00018	9.0	.00399	.00278	.598	.00032	.01166
%RSD	.12844	3.5616	.45585	1.9573	.87879	.78098	1.4102	4.8370
#1	.18999	-.00500	1976.0	.20666	.31790	76.098	.02256	.23286
#2	.18964	-.00526	1963.3	.20101	.31397	76.943	.02212	.24936
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.923	F 68.945	-.02026	4.1752	.14869	3.642	3.3051	7.8419
Stddev	.091	.108	.00022	.0072	.00865	.018	.0251	.2133
%RSD	.10902	.15734	1.0983	.17338	5.8180	.4905	.75947	2.7195
#1	83.859	68.868	-.02010	4.1804	.14257	3.629	3.2874	7.9927
#2	83.988	69.022	-.02041	4.1701	.15481	3.655	3.3229	7.6911

Sample Name: J6214-33DUP Acquired: 12/6/2018 22:36:17 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TW-4DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.167
Stddev	.451
%RSD	4.0347

#1	10.849
#2	11.486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.2	40706.	3874.4	78.962	2685.7
Stddev	3.5	765.	16.1	.737	1.4
%RSD	.10969	1.8795	.41604	.93384	.05265

#1	3208.7	40165.	3885.8	78.441	2686.7
#2	3203.7	41247.	3863.0	79.483	2684.7

Sample Name: J6214-33LX5 Acquired: 12/6/2018 22:40:18 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00500	.02187	.00616	-.00117	17.349	.33097	.00067
Stddev	.00032	.00107	.00134	.00113	.00013	.117	.00167	.00005
%RSD	80.175	21.445	6.1429	18.405	11.211	.67693	.50444	7.4053
#1	.00017	-.00575	.02282	.00536	-.00127	17.266	.32979	.00070
#2	.00062	-.00424	.02092	.00696	-.00108	17.432	.33216	.00063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	201.89	.03789	.01453	.04255	22.265	1.2315	54.351
Stddev	.00013	1.22	.00006	.00024	.00093	.433	.0019	.077
%RSD	26.326	.60194	.16198	1.6260	2.1760	1.9459	.15489	.14138
#1	-.00039	201.03	.03785	.01436	.04190	21.958	1.2301	54.297
#2	-.00057	202.75	.03793	.01470	.04321	22.571	1.2328	54.406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03461	-.00064	474.85	.04306	.05982	15.401	.00387	.04967
Stddev	.00024	.00029	3.07	.00102	.00094	.042	.00019	.02047
%RSD	.69653	45.106	.64577	2.3737	1.5695	.27213	4.8670	41.220
#1	.03444	-.00085	472.68	.04378	.05916	15.371	.00374	.03519
#2	.03478	-.00044	477.02	.04233	.06048	15.430	.00400	.06414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.197	F 14.973	-.00588	.88017	.04213	.6488	.69218	6.5909
Stddev	.090	.040	.00009	.00580	.00045	.0030	.00312	.0063
%RSD	.52351	.26648	1.5814	.65938	1.0634	.4577	.45014	.09548
#1	17.134	14.944	-.00594	.87607	.04244	.6467	.68997	6.5953
#2	17.261	15.001	-.00581	.88427	.04181	.6509	.69438	6.5864

Sample Name: J6214-33LX5 Acquired: 12/6/2018 22:40:18 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.0732
Stddev	.2573
%RSD	3.6375

#1	6.8912
#2	7.2551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.5	46934.	4008.8	92.078	3441.7
Stddev	27.9	10.	2.1	1.316	32.0
%RSD	.77983	.02163	.05256	1.4294	.92987

#1	3602.3	46927.	4010.3	93.009	3464.3
#2	3562.7	46941.	4007.3	91.147	3419.1

Sample Name: J6214-33MS Acquired: 12/6/2018 22:44:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89652	1.9929	1.1476	2.1622	.78898	92.498	1.6994	.24005
Stddev	.00156	.0039	.0041	.0126	.00125	.152	.0129	.00045
%RSD	.17402	.19331	.35820	.58309	.15861	.16400	.76011	.18871

#1	.89542	1.9956	1.1505	2.1711	.78810	92.391	1.7085	.24037
#2	.89762	1.9902	1.1447	2.1533	.78987	92.605	1.6902	.23973

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21711	930.32	.57941	.29430	.46144	111.32	5.7240	249.24
Stddev	.00086	6.58	.00169	.00072	.00140	.00	.0159	1.61
%RSD	.39608	.70759	.29181	.24337	.30439	.00162	.27827	.64414

#1	.21772	934.97	.57822	.29480	.46045	111.33	5.7127	250.37
#2	.21651	925.66	.58061	.29379	.46244	111.32	5.7352	248.10

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72659	.08469	F 1930.4	.49236	.52018	85.255	.41513	.55799
Stddev	.00360	.00079	29.1	.00086	.00203	.236	.00106	.00950
%RSD	.49601	.93470	1.5057	.17465	.39083	.27712	.25595	1.7033

#1	.72914	.08413	1951.0	.49175	.51875	85.422	.41438	.56471
#2	.72404	.08525	1909.9	.49296	.52162	85.087	.41588	.55127

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 82.219	F 70.938	.72709	3.9405	.37415	F 11.23	3.4640	7.7013
Stddev	.205	.290	.00023	.0151	.01093	.05	.0298	.0050
%RSD	.24967	.40870	.03142	.38432	2.9215	.4256	.86113	.06550

#1	82.364	71.143	.72692	3.9297	.36642	11.26	3.4851	7.7049
#2	82.074	70.733	.72725	3.9512	.38188	11.19	3.4429	7.6977

Sample Name: J6214-33MS Acquired: 12/6/2018 22:44:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.948
Stddev	.402
%RSD	3.6742

#1	11.233
#2	10.664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.4	41543.	3836.9	77.056	2691.4
Stddev	6.5	41.	29.4	.180	15.7
%RSD	.20176	.09827	.76720	.23295	.58218

#1	3212.8	41514.	3816.1	77.183	2680.4
#2	3222.0	41572.	3857.7	76.929	2702.5

Sample Name: J6214-33MSD Acquired: 12/6/2018 22:48:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89148	1.9410	1.1255	2.1418	.77312	89.651	1.6502	.23285
Stddev	.00346	.0108	.0095	.0151	.00262	.417	.0213	.00117
%RSD	.38769	.55851	.84194	.70450	.33876	.46515	1.2904	.50195

#1	.88904	1.9334	1.1188	2.1311	.77127	89.356	1.6653	.23202
#2	.89392	1.9487	1.1322	2.1525	.77498	89.945	1.6352	.23368

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21270	908.80	.56391	.28737	.45828	104.09	5.5575	241.97
Stddev	.00079	3.77	.00501	.00198	.00251	.36	.0256	1.78
%RSD	.37168	.41523	.88868	.68971	.54669	.34914	.46101	.73391

#1	.21214	911.47	.56036	.28597	.45651	104.35	5.5394	243.22
#2	.21326	906.13	.56745	.28877	.46005	103.84	5.5756	240.71

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70796	.08154	F 1862.8	.47851	.48652	83.208	.40956	.53586
Stddev	.00184	.00046	18.5	.00300	.00416	.529	.00375	.00423
%RSD	.26018	.56906	.99357	.62687	.85504	.63618	.91565	.78927

#1	.70666	.08187	1875.9	.47639	.48946	83.582	.40690	.53885
#2	.70926	.08121	1849.7	.48063	.48358	82.834	.41221	.53287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.816	F 69.357	.71075	3.8434	.37201	F 10.96	3.3962	7.5408
Stddev	.159	.302	.00699	.0067	.00624	.06	.0260	.0197
%RSD	.19864	.43611	.98309	.17330	1.6768	.5804	.76480	.26173

#1	79.704	69.571	.70581	3.8481	.36760	10.92	3.4145	7.5269
#2	79.928	69.143	.71569	3.8386	.37642	11.01	3.3778	7.5548

Sample Name: J6214-33MSD Acquired: 12/6/2018 22:48:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-4MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.749
Stddev	.701
%RSD	6.5178

#1	11.245
#2	10.254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.9	42871.	3940.6	82.159	2779.2
Stddev	6.7	57.	46.3	.637	.8
%RSD	.20582	.13268	1.1747	.77584	.02825

#1	3280.7	42831.	3907.9	81.708	2778.7
#2	3271.2	42911.	3973.4	82.610	2779.8

Sample Name: J6214-33A Acquired: 12/6/2018 22:52:08 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7760 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89258	1.9665	1.1378	2.1447	.77688	92.848	1.6651	.23964
Stddev	.00224	.0008	.0033	.0013	.00420	.789	.0311	.00180
%RSD	.25136	.03916	.29270	.06025	.54043	.84989	1.8704	.75160

#1	.89417	1.9670	1.1401	2.1437	.77391	93.406	1.6871	.24092
#2	.89100	1.9660	1.1354	2.1456	.77984	92.290	1.6431	.23837

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21533	918.58	.58216	.29097	.45928	104.62	5.7224	243.17
Stddev	.00027	19.82	.00333	.00007	.00143	4.72	.0342	3.29
%RSD	.12327	2.1582	.57217	.02244	.31127	4.5116	.59672	1.3518

#1	.21552	932.60	.58452	.29102	.45827	107.95	5.7465	245.50
#2	.21514	904.56	.57981	.29093	.46029	101.28	5.6982	240.85

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71709	.08328	F 1842.4	.49152	.48983	84.059	.41039	.54097
Stddev	.00132	.00113	68.0	.00546	.02210	1.771	.00146	.01360
%RSD	.18452	1.3522	3.6890	1.1101	4.5125	2.1064	.35480	2.5145

#1	.71802	.08408	1890.5	.49538	.50546	85.311	.41142	.55058
#2	.71615	.08249	1794.4	.48766	.47420	82.807	.40936	.53135

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 81.673	F 69.732	.72095	3.8691	.37792	F 11.15	3.4290	7.6442
Stddev	.221	1.266	.00209	.0854	.00255	.06	.0759	.0145
%RSD	.27014	1.8149	.28965	2.2075	.67432	.4967	2.2130	.18984

#1	81.829	70.627	.72242	3.9295	.37972	11.19	3.4827	7.6544
#2	81.517	68.837	.71947	3.8087	.37611	11.11	3.3753	7.6339

Sample Name: J6214-33A Acquired: 12/6/2018 22:52:08 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7760 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.346
Stddev	.195
%RSD	1.7219

#1	11.485
#2	11.208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.1	41753.	3932.0	82.392	2738.3
Stddev	29.9	337.	72.4	3.807	26.8
%RSD	.91327	.80752	1.8411	4.6201	.98043

#1	3252.0	41515.	3880.8	79.700	2719.3
#2	3294.3	41991.	3983.2	85.083	2757.3

Sample Name: J6195-02 Acquired: 12/6/2018 22:56:02 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.00406	.00700	.00272	-.00088	.13707	.15123	.00003
Stddev	.00214	.00095	.00083	.00050	.00182	.00521	.00040	.00005
%RSD	85.926	23.430	11.786	18.319	205.52	3.8019	.26292	145.98

#1	-.00098	-.00339	.00642	.00236	-.00217	.13339	.15095	-.00000
#2	-.00401	-.00474	.00759	.00307	.00040	.14076	.15151	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	21.511	.00056	.00451	.00346	.19205	.95947	1.2610
Stddev	.00000	.094	.00015	.00018	.00023	.00286	.00010	.0932
%RSD	8.4978	.43921	26.111	4.0452	6.7817	1.4912	.01041	7.3913

#1	.00006	21.444	.00066	.00438	.00329	.19002	.95940	1.1951
#2	.00005	21.577	.00046	.00464	.00362	.19407	.95954	1.3269

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.00029	330.47	-.00019	.02260	1.1406	-.00078	.00039
Stddev	.00023	.00065	1.65	.00002	.00004	.0167	.00006	.00241
%RSD	27.097	227.43	.50057	10.575	.17887	1.4677	8.2438	623.49

#1	.00103	.00075	329.30	-.00018	.02257	1.1524	-.00082	-.00132
#2	.00070	-.00018	331.64	-.00021	.02262	1.1288	-.00073	.00209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33866	1.0974	-.00176	.00529	.00984	.0013	.11466	6.1389
Stddev	.00918	.0094	.00109	.00203	.00176	.0008	.00018	.0832
%RSD	2.7101	.85646	61.745	38.288	17.867	59.97	.15802	1.3548

#1	.33217	1.0908	-.00099	.00386	.00860	.0008	.11454	6.0801
#2	.34515	1.1041	-.00253	.00673	.01109	.0019	.11479	6.1977

Sample Name: J6195-02 Acquired: 12/6/2018 22:56:02 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-120518 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8982
 Stddev .4440
 %RSD 23.392

#1 2.2121
 #2 1.5842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.2	49362.	4104.8	94.758	3752.6
Stddev	28.2	43.	24.6	.141	26.9
%RSD	.76217	.08810	.59901	.14924	.71595

#1	3715.1	49331.	4122.2	94.658	3771.6
#2	3675.3	49392.	4087.4	94.858	3733.6

Sample Name: J6195-02DUP Acquired: 12/6/2018 23:00:11 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 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	-.00633	.00644	.00271	-.00013	.15242	.15880	.00010
Stddev	.00059	.00118	.00043	.00376	.00094	.01047	.00168	.00002
%RSD	71.992	18.592	6.7172	138.91	747.38	6.8676	1.0569	17.441

#1	.00123	-.00716	.00613	.00537	-.00079	.15982	.15999	.00009
#2	.00040	-.00550	.00674	.00005	.00054	.14501	.15762	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	22.598	.00030	.00448	.00389	.19776	1.0091	1.3129
Stddev	.00015	.069	.00010	.00003	.00009	.00587	.0017	.0031
%RSD	3157.9	.30730	32.450	.77895	2.3143	2.9686	.16484	.23926

#1	-.00010	22.647	.00036	.00451	.00395	.20192	1.0079	1.3151
#2	.00011	22.548	.00023	.00446	.00382	.19361	1.0103	1.3106

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00025	354.52	.00043	.02443	1.1004	-.00049	.00787
Stddev	.00040	.00010	5.66	.00073	.00037	.0352	.00006	.00127
%RSD	38.527	39.445	1.5966	168.97	1.4981	3.1944	11.393	16.164

#1	.00076	-.00032	358.53	.00095	.02417	1.1252	-.00045	.00697
#2	.00132	-.00018	350.52	-.00008	.02469	1.0755	-.00053	.00877

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34565	1.1376	-.00225	.00404	.00817	.0032	.12082	6.2521
Stddev	.00328	.0087	.00011	.00125	.00053	.0017	.00019	.0791
%RSD	.94856	.76408	4.8395	30.969	6.5310	50.96	.16085	1.2659

#1	.34797	1.1438	-.00217	.00315	.00779	.0021	.12095	6.3081
#2	.34334	1.1315	-.00233	.00492	.00855	.0044	.12068	6.1962

Sample Name: J6195-02DUP Acquired: 12/6/2018 23:00:11 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-120518 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2092
 Stddev .0932
 %RSD 4.2179

#1 2.1433
 #2 2.2751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3757.6	48521.	4033.1	93.917	3797.9
Stddev	37.8	34.	23.6	1.426	20.2
%RSD	1.0072	.07059	.58527	1.5184	.53157

#1	3730.8	48497.	4016.4	94.925	3783.7
#2	3784.3	48545.	4049.8	92.908	3812.2

Sample Name: J6195-02LX5 Acquired: 12/6/2018 23:04:21 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00236	.00258	.00360	.00073	.01396	.03865	.00000
Stddev	.00004	.00113	.00022	.00081	.00118	.00168	.00014	.00001
%RSD	29.512	47.729	8.4365	22.602	161.43	12.021	.36978	2065.2

#1	.00010	-.00316	.00273	.00302	.00156	.01515	.03875	.00001
#2	.00015	-.00156	.00242	.00417	-.00010	.01277	.03855	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	4.6388	.00029	.00096	.00003	.05840	.20770	.29330
Stddev	.00001	.0565	.00036	.00043	.00018	.00374	.00134	.00387
%RSD	28.043	1.2172	123.40	44.417	553.74	6.4005	.64704	1.3201

#1	-.00003	4.5989	.00055	.00066	-.00009	.06104	.20865	.29056
#2	-.00005	4.6787	.00004	.00126	.00016	.05575	.20675	.29603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	.00079	74.030	-.00039	.00486	.26926	-.00026	-.00268
Stddev	.00013	.00016	.251	.00009	.00025	.03876	.00040	.00631
%RSD	8.7995	19.563	.33966	23.920	5.0578	14.397	154.03	235.10

#1	-.00153	.00069	73.853	-.00032	.00468	.29667	-.00055	.00178
#2	-.00135	.00090	74.208	-.00045	.00503	.24185	.00002	-.00714

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06888	.25920	-.00245	.00312	.00933	.0007	.02435	5.7746
Stddev	.00682	.00052	.00033	.00042	.00068	.0020	.00011	.1073
%RSD	9.8951	.19875	13.296	13.513	7.2738	289.1	.46003	1.8574

#1	.07370	.25883	-.00222	.00342	.00885	-.0007	.02428	5.8504
#2	.06406	.25956	-.00268	.00282	.00981	.0021	.02443	5.6987

Sample Name: J6195-02LX5 Acquired: 12/6/2018 23:04:21 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1853
Stddev	.5827
%RSD	49.159

#1	1.5973
#2	.77327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.8	50348.	3987.5	94.050	4004.6
Stddev	.1	118.	24.1	2.421	6.6
%RSD	.00166	.23496	.60358	2.5741	.16362

#1	3816.8	50431.	4004.5	95.762	3999.9
#2	3816.7	50264.	3970.4	92.338	4009.2

Sample Name: J6195-02MS Acquired: 12/6/2018 23:08:27 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 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	.88230	2.0109	1.0454	2.1663	.87027	2.4668	.39960	.21993	.21108
Stddev	.00121	.0015	.0010	.0132	.00076	.0002	.00398	.00060	.00001
%RSD	.13661	.07667	.09966	.61020	.08734	.00842	.99653	.27143	.00538

#1	.88316	2.0120	1.0461	2.1756	.87081	2.4670	.39678	.22035	.21108
#2	.88145	2.0098	1.0446	2.1569	.86973	2.4667	.40241	.21951	.21107

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.272	.46411	.22144	.33611	3.4405	1.2895	3.6934	.53601	.08063
Stddev	.286	.00063	.00094	.00038	.0296	.0043	.0311	.00079	.00003
%RSD	1.1330	.13509	.42292	.11234	.86046	.33669	.84111	.14763	.03207

#1	25.070	.46456	.22210	.33638	3.4196	1.2926	3.7153	.53657	.08061
#2	25.475	.46367	.22077	.33584	3.4615	1.2865	3.6714	.53545	.08065

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	384.67	.33689	.24315	12.528	.45035	.33994	.34986	2.2503	.73547
Stddev	.89	.00261	.00023	.098	.00079	.00817	.00505	.0047	.00020
%RSD	.23050	.77613	.09349	.78273	.17518	2.4046	1.4426	.20861	.02713

#1	384.04	.33874	.24331	12.459	.45091	.33416	.35343	2.2470	.73533
#2	385.30	.33505	.24299	12.597	.44979	.34572	.34629	2.2537	.73562

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22779	.23977	6.487	.36450	6.4989	1.4004
Stddev	.00090	.00196	.005	.00304	.0789	.2417
%RSD	.39568	.81823	.0781	.83517	1.2141	17.258

#1	.22843	.23839	6.490	.36235	6.5547	1.5713
#2	.22715	.24116	6.483	.36665	6.4431	1.2295

Sample Name: J6195-02MS Acquired: 12/6/2018 23:08:27 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 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	3613.3	47206.	3859.0	88.813	3631.2
Stddev	.0	274.	3.4	.124	.0
%RSD	.00027	.57953	.08695	.13933	.00047
#1	3613.3	47013.	3856.7	88.900	3631.2
#2	3613.3	47400.	3861.4	88.725	3631.2

Sample Name: CCV12 Acquired: 12/6/2018 23:12:24 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14291 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0801	4.9560	4.9314	5.0090	5.0935	10.274	10.250	.25119
Stddev	.0138	.0069	.0170	.0102	.0161	.035	.096	.00028
%RSD	.27201	.13997	.34490	.20355	.31568	.33910	.93757	.11284
#1	5.0899	4.9609	4.9435	5.0162	5.1048	10.249	10.182	.25140
#2	5.0704	4.9511	4.9194	5.0018	5.0821	10.298	10.318	.25099
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4250	26.516	1.0493	2.4376	1.2795	4.9867	2.5609	25.204
Stddev	.0077	.222	.0000	.0084	.0034	.1464	.0034	.058
%RSD	.31725	.83818	.00285	.34337	.26599	2.9357	.13250	.22831
#1	2.4305	26.359	1.0492	2.4435	1.2819	4.8831	2.5633	25.164
#2	2.4196	26.673	1.0493	2.4317	1.2771	5.0902	2.5585	25.245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4313	1.3150	25.003	2.4690	2.5641	25.462	5.0625	5.1200
Stddev	.0078	.0023	.211	.0027	.0522	.266	.0015	.0372
%RSD	.31975	.17519	.84491	.11019	2.0350	1.0454	.02881	.72638
#1	2.4368	1.3166	24.853	2.4671	2.5272	25.273	5.0636	5.0937
#2	2.4258	1.3133	25.152	2.4709	2.6010	25.650	5.0615	5.1463
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8719	5.3020	4.8554	5.0285	5.1203	4.892	5.3480	F 6.2656
Stddev	.0083	.0367	.0070	.0296	.0506	.019	.0657	.0323
%RSD	.17066	.69127	.14345	.58839	.98891	.3828	1.2291	.51547
#1	4.8778	5.2761	4.8604	5.0075	5.0845	4.906	5.3016	6.2884
#2	4.8661	5.3279	4.8505	5.0494	5.1561	4.879	5.3945	6.2428

Sample Name: CCV12 Acquired: 12/6/2018 23:12:24 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14291 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7154
Stddev	.8049
%RSD	29.641

#1	3.2846
#2	2.1463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.3	49215.	3921.3	87.781	3794.8
Stddev	11.7	90.	7.0	1.542	19.9
%RSD	.31213	.18280	.17859	1.7570	.52356

#1	3742.0	49152.	3926.3	88.872	3780.8
#2	3758.6	49279.	3916.4	86.691	3808.9

Sample Name: CCB12 Acquired: 12/6/2018 23:16:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14291 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00122	.00250	.00265	-.00053	-.00018	.00809	-.00001
Stddev	.00050	.00057	.00189	.00209	.00282	.00414	.00102	.00002
%RSD	534.90	46.643	75.625	78.969	535.32	2301.3	12.589	357.63
#1	.00045	-.00162	.00383	.00413	-.00252	.00275	.00737	-.00002
#2	-.00026	-.00082	.00116	.00117	.00146	-.00311	.00881	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00462	.00041	-.00010	-.00061	-.00170	.00007	.00740
Stddev	.00001	.00237	.00033	.00001	.00020	.01010	.00000	.02025
%RSD	12.603	51.182	78.840	10.755	32.531	595.15	6.6265	273.55
#1	-.00007	.00295	.00018	-.00011	-.00075	-.00884	.00007	-.00692
#2	-.00009	.00630	.00065	-.00010	-.00047	.00544	.00007	.02172
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00012	.00996	.00001	-.00034	-.03852	-.00002	-.01100
Stddev	.00026	.00032	.03384	.00008	.00001	.06595	.00008	.00711
%RSD	14.591	257.89	339.91	659.16	3.6172	171.20	339.13	64.646
#1	-.00157	-.00035	-.01397	-.00004	-.00035	.00811	.00003	-.01602
#2	-.00193	.00010	.03388	.00007	-.00033	-.08516	-.00008	-.00597
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00805	.01612	-.00217	.00409	.00128	-.0014	-.00009	F 5.6007
Stddev	.00100	.00191	.00038	.00479	.00151	.0002	.00025	.0142
%RSD	12.374	11.866	17.587	116.92	117.48	16.87	279.20	.25434
#1	-.00735	.01747	-.00244	.00748	.00022	-.0012	.00009	5.5907
#2	-.00876	.01476	-.00190	.00071	.00235	-.0015	-.00027	5.6108

Sample Name: CCB12 Acquired: 12/6/2018 23:16:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14291 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .57588
Stddev	.51942
%RSD	90.197

#1	.20859
#2	.94316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3895.2	51591.	3940.1	93.463	4306.0
Stddev	17.1	10.	5.7	1.243	13.7
%RSD	.43778	.02024	.14496	1.3303	.31846

#1	3907.3	51584.	3944.1	94.342	4315.7
#2	3883.2	51599.	3936.1	92.583	4296.3

Sample Name: J6195-02MSD Acquired: 12/6/2018 23:20:15 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 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	.89925	2.0431	1.0548	2.2051	.88766	2.5141	.40801	.22384	.21379
Stddev	.00597	.0032	.0046	.0058	.00633	.0153	.00044	.00026	.00024
%RSD	.66370	.15616	.43589	.26351	.71307	.61022	.10887	.11518	.11329

#1	.89503	2.0408	1.0515	2.2010	.88318	2.5249	.40833	.22403	.21362
#2	.90347	2.0454	1.0580	2.2092	.89213	2.5032	.40770	.22366	.21397

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.812	.47627	.22440	.34205	3.5051	1.3150	3.6796	.54532	.08378
Stddev	.015	.00121	.00033	.00047	.0355	.0004	.0922	.00027	.00135
%RSD	.05943	.25354	.14786	.13880	1.0131	.03180	2.5069	.05008	1.6101

#1	25.823	.47712	.22416	.34171	3.5302	1.3153	3.7448	.54551	.08283
#2	25.801	.47541	.22463	.34238	3.4800	1.3147	3.6144	.54512	.08474

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	391.60	.34596	.24415	12.732	.45911	.35473	.35935	2.2686	.74396
Stddev	4.07	.00061	.00171	.014	.00065	.00228	.00524	.0062	.00239
%RSD	1.0390	.17651	.69895	.10984	.14163	.64254	1.4568	.27283	.32083

#1	394.48	.34553	.24536	12.742	.45865	.35312	.36305	2.2729	.74227
#2	388.72	.34640	.24294	12.722	.45957	.35634	.35565	2.2642	.74565

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23218	.24431	6.580	.37043	6.6284	.84499
Stddev	.00140	.00016	.001	.00470	.0805	.01922
%RSD	.60326	.06488	.0072	1.2694	1.2148	2.2744

#1	.23317	.24443	6.580	.37376	6.6853	.85858
#2	.23119	.24420	6.579	.36711	6.5715	.83140

Sample Name: J6195-02MSD Acquired: 12/6/2018 23:20:15 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 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	3595.6	46757.	3845.2	89.597	3622.4
Stddev	9.1	207.	31.3	1.020	20.3
%RSD	.25272	.44167	.81434	1.1388	.56150
#1	3589.2	46611.	3823.0	88.875	3608.0
#2	3602.0	46903.	3867.3	90.318	3636.8

Sample Name: J6195-02A Acquired: 12/6/2018 23:24:13 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7762 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	.90618	2.0470	1.0641	2.2203	.88837	2.5000	.40554	.22441	.21557
Stddev	.00225	.0047	.0009	.0061	.00462	.0196	.00497	.00017	.00002
%RSD	.24826	.23131	.08310	.27600	.52002	.78490	1.2257	.07386	.00889
#1	.90777	2.0504	1.0647	2.2160	.89163	2.5138	.40203	.22453	.21559
#2	.90459	2.0437	1.0634	2.2246	.88510	2.4861	.40906	.22430	.21556
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.582	.47819	.22568	.34358	3.4275	1.3189	3.6645	.54665	.08297
Stddev	.574	.00329	.00025	.00054	.0964	.0000	.0238	.00069	.00057
%RSD	2.2433	.68878	.11157	.15655	2.8117	.00159	.64980	.12687	.68258
#1	25.176	.47586	.22586	.34396	3.3594	1.3188	3.6813	.54714	.08257
#2	25.988	.48052	.22550	.34320	3.4957	1.3189	3.6477	.54616	.08337
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	385.65	.34696	.23946	12.709	.46101	.35679	.35889	2.2417	.75067
Stddev	1.89	.00032	.00515	.284	.00076	.01066	.00639	.0375	.00162
%RSD	.49004	.09186	2.1513	2.2357	.16443	2.9888	1.7804	1.6736	.21578
#1	384.32	.34673	.23582	12.508	.46154	.34925	.35438	2.2152	.74953
#2	386.99	.34718	.24310	12.910	.46047	.36433	.36341	2.2682	.75182
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22990	.24256	6.618	.36430	6.6202	1.4360			
Stddev	.00207	.00297	.005	.00360	.0053	.2495			
%RSD	.90107	1.2258	.0717	.98850	.07999	17.375			
#1	.22844	.24046	6.621	.36175	6.6240	1.2595			
#2	.23137	.24466	6.615	.36685	6.6165	1.6124			

Sample Name: J6195-02A Acquired: 12/6/2018 23:24:13 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7762 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	3581.4	46645.	3874.3	91.330	3608.7
Stddev	5.5	12.	47.0	1.909	5.1
%RSD	.15490	.02501	1.2130	2.0906	.14180
#1	3577.5	46636.	3907.6	92.680	3605.0
#2	3585.4	46653.	3841.1	89.980	3612.3

Sample Name: J6195-04 Acquired: 12/6/2018 23:28:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00626	.01450	.00461	.00080	.15195	.18239	.00002
Stddev	.00158	.00027	.00195	.00057	.00090	.02242	.00170	.00009
%RSD	90.336	4.2515	13.432	12.378	112.57	14.753	.93465	411.72

#1	-.00063	-.00608	.01587	.00421	.00016	.16780	.18359	-.00004
#2	-.00286	-.00645	.01312	.00502	.00144	.13610	.18118	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	13.853	.00155	.00395	.00938	.51140	.92670	1.2334
Stddev	.00002	.097	.00030	.00020	.00042	.02882	.02487	.0764
%RSD	27.178	.70081	19.314	5.1570	4.4764	5.6363	2.6842	6.1961

#1	.00009	13.922	.00176	.00410	.00968	.53178	.90911	1.2874
#2	.00006	13.784	.00134	.00381	.00908	.49102	.94429	1.1793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.00028	406.76	.00018	.03334	.91343	-.00000	.01733
Stddev	.00065	.00053	.79	.00035	.00033	.00909	.00021	.01098
%RSD	60.429	185.47	.19336	198.55	.98694	.99501	39683.	63.346

#1	.00153	.00065	406.21	-.00007	.03357	.91986	.00015	.02509
#2	.00061	-.00009	407.32	.00043	.03310	.90700	-.00015	.00957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14376	.56890	-.00097	.00199	.01280	.0019	.05305	6.5556
Stddev	.00582	.00894	.00084	.00267	.00195	.0025	.00023	.2221
%RSD	4.0492	1.5709	87.294	134.05	15.197	131.6	.44243	3.3875

#1	.14788	.56258	-.00037	.00388	.01142	.0037	.05288	6.3986
#2	.13964	.57522	-.00156	.00010	.01418	.0001	.05321	6.7126

Sample Name: J6195-04 Acquired: 12/6/2018 23:28:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-120518 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8809
Stddev	.4163
%RSD	22.133

#1	1.5866
#2	2.1753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.0	47042.	3846.2	89.942	3619.4
Stddev	14.7	1093.	7.6	.896	16.9
%RSD	.41097	2.3238	.19797	.99583	.46769

#1	3576.6	47815.	3840.8	89.308	3607.5
#2	3597.4	46269.	3851.6	90.575	3631.4

Sample Name: J6199-02 Acquired: 12/6/2018 23:32:19 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-120518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00540	-.00605	.00698	.00340	.00019	.11462	.18576	-.00002
Stddev	.00318	.00192	.00023	.00091	.00160	.00084	.00088	.00005
%RSD	58.806	31.736	3.3539	26.808	862.37	.73204	.47418	315.14

#1	-.00316	-.00741	.00714	.00405	.00132	.11403	.18514	.00002
#2	-.00765	-.00469	.00681	.00276	-.00095	.11521	.18639	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	22.722	.00085	.01017	.00604	.06550	1.0003	5.7071
Stddev	.00003	.280	.00028	.00025	.00030	.00461	.0023	.0664
%RSD	653.79	1.2331	33.321	2.4365	4.9079	7.0390	.22964	1.1642

#1	-.00002	22.524	.00105	.00999	.00625	.06876	.99865	5.6602
#2	.00002	22.920	.00065	.01034	.00583	.06224	1.0019	5.7541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	-.00044	394.12	.00006	.03826	.96733	.00010	.02164
Stddev	.00018	.00049	6.39	.00083	.00073	.01808	.00012	.00478
%RSD	5.4381	111.95	1.6223	1289.0	1.9108	1.8686	121.64	22.066

#1	.00326	-.00078	398.64	.00065	.03878	.98011	.00018	.02502
#2	.00352	-.00009	389.60	-.00052	.03774	.95455	.00001	.01827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26589	.63904	-.00198	.00186	.01304	.0039	.06241	6.5300
Stddev	.00021	.00245	.00172	.00000	.00202	.0014	.00067	.0203
%RSD	.07765	.38409	86.928	.22922	15.522	35.10	1.0747	.31023

#1	.26575	.63730	-.00319	.00186	.01161	.0029	.06194	6.5444
#2	.26604	.64078	-.00076	.00186	.01447	.0049	.06289	6.5157

Sample Name: J6199-02 Acquired: 12/6/2018 23:32:19 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-120518 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1373
Stddev	.2067
%RSD	9.6705

#1	1.9911
#2	2.2834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.3	46370.	3833.9	86.579	3599.3
Stddev	14.5	133.	2.4	1.833	7.2
%RSD	.40465	.28682	.06279	2.1167	.19878

#1	3582.5	46464.	3835.6	85.283	3594.2
#2	3562.1	46276.	3832.2	87.875	3604.4

Sample Name: J6199-04 Acquired: 12/6/2018 23:36:29 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-120518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	-.00721	.00337	.00354	-.00024	.08407	.17300	-.00005
Stddev	.00176	.00089	.00105	.00103	.00132	.00123	.00504	.00004
%RSD	50.970	12.349	31.056	29.050	552.39	1.4637	2.9150	80.895

#1	-.00470	-.00658	.00263	.00281	.00069	.08320	.17657	-.00002
#2	-.00221	-.00784	.00411	.00427	-.00117	.08494	.16943	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	26.108	.00053	.01142	.00776	.08466	1.0521	6.5374
Stddev	.00009	.681	.00041	.00000	.00014	.01410	.0252	.0983
%RSD	1853.4	2.6090	76.881	.01537	1.8019	16.659	2.3965	1.5031

#1	.00007	26.590	.00082	.01142	.00786	.09463	1.0700	6.6069
#2	-.00006	25.627	.00024	.01141	.00766	.07468	1.0343	6.4680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	-.00014	378.17	.00007	.03373	.94588	-.00008	.01149
Stddev	.00037	.00008	9.32	.00009	.00082	.02019	.00034	.00787
%RSD	7.5305	56.935	2.4642	138.65	2.4392	2.1341	431.98	68.551

#1	.00462	-.00009	384.75	.00000	.03431	.93160	.00016	.00592
#2	.00514	-.00020	371.58	.00013	.03315	.96015	-.00031	.01705

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25617	.58428	-.00133	.00209	.01049	-.0000	.05993	6.3185
Stddev	.00249	.02328	.00055	.00035	.00100	.0005	.00158	.2417
%RSD	.97033	3.9851	41.145	16.770	9.5640	1145.	2.6440	3.8244

#1	.25441	.60075	-.00094	.00234	.00978	-.0004	.06105	6.4894
#2	.25793	.56782	-.00171	.00184	.01120	.0003	.05881	6.1476

Sample Name: J6199-04 Acquired: 12/6/2018 23:36:29 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-120518 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2717
Stddev	.1443
%RSD	6.3511

#1	2.1697
#2	2.3737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3614.5	47326.	3946.2	91.029	3640.5
Stddev	7.2	1140.	105.3	2.375	23.7
%RSD	.19871	2.4082	2.6676	2.6087	.64992

#1	3609.4	46521.	3871.7	89.350	3623.7
#2	3619.6	48132.	4020.6	92.708	3657.2

Sample Name: J6234-03 Acquired: 12/6/2018 23:40:39 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00636	.32838	.00634	-.00147	.10321	.28680	.00002
Stddev	.00068	.00050	.00172	.00042	.00042	.02777	.00312	.00005
%RSD	35.991	7.8187	.52332	6.6502	28.315	26.903	1.0890	270.76

#1	-.00238	-.00671	.32960	.00664	-.00118	.08358	.28459	-.00002
#2	-.00141	-.00601	.32717	.00604	-.00177	.12285	.28901	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	76.847	-.00002	.00759	.00618	.09463	1.5144	3.1549
Stddev	.00013	1.206	.00005	.00004	.00015	.00983	.0028	.0277
%RSD	5.2847	1.5693	342.05	.56920	2.4349	10.390	.18423	.87703

#1	.00238	75.994	.00002	.00763	.00607	.08768	1.5124	3.1353
#2	.00256	77.699	-.00005	.00756	.00628	.10159	1.5164	3.1745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	.00084	396.88	.00024	.41368	1.7229	-.00031	.00455
Stddev	.00026	.00050	.42	.00006	.00103	.0014	.00029	.00003
%RSD	4.4815	59.990	.10587	24.038	.24882	.08332	93.006	.60517

#1	.00555	.00119	397.18	.00028	.41441	1.7219	-.00011	.00457
#2	.00591	.00048	396.58	.00020	.41295	1.7239	-.00051	.00453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0748	1.8576	-.00155	.00506	.01285	.0096	.33775	6.6968
Stddev	.0073	.0091	.00020	.00140	.00177	.0005	.00537	.1978
%RSD	.67552	.48960	12.777	27.754	13.759	5.519	1.5892	2.9531

#1	1.0696	1.8641	-.00141	.00407	.01160	.0092	.33395	6.5569
#2	1.0799	1.8512	-.00169	.00605	.01410	.0099	.34154	6.8366

Sample Name: J6234-03 Acquired: 12/6/2018 23:40:39 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6438
 Stddev .2738
 %RSD 10.358

#1 2.4502
 #2 2.8374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.7	46330.	3810.5	88.086	3583.0
Stddev	8.6	253.	33.7	.560	8.0
%RSD	.24255	.54534	.88521	.63568	.22462

#1	3558.6	46509.	3834.4	87.690	3577.3
#2	3570.9	46151.	3786.7	88.482	3588.7

Sample Name: J6237-02 Acquired: 12/6/2018 23:44:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00678	.00724	.00339	-.00329	.16937	.14736	-.00001
Stddev	.00395	.00016	.00023	.00472	.00109	.01758	.00046	.00003
%RSD	194.05	2.3698	3.2056	139.44	33.119	10.379	.31391	409.54

#1	.00076	-.00667	.00740	.00673	-.00406	.18180	.14768	.00001
#2	-.00483	-.00690	.00707	.00005	-.00252	.15694	.14703	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	23.229	.00116	.00369	.00441	1.8584	.22107	3.0259
Stddev	.00004	.012	.00019	.00038	.00115	.0013	.00088	.0193
%RSD	25.507	.05376	16.519	10.380	26.119	.06845	.39688	.63913

#1	-.00020	23.220	.00102	.00342	.00523	1.8593	.22045	3.0396
#2	-.00014	23.238	.00129	.00396	.00360	1.8575	.22169	3.0122

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.00018	364.44	.00047	.03456	1.4892	-.00026	.00860
Stddev	.00018	.00045	5.94	.00036	.00069	.0331	.00021	.01545
%RSD	8.9047	251.21	1.6291	75.962	2.0018	2.2203	82.275	179.59

#1	.00211	.00049	368.64	.00022	.03505	1.4659	-.00041	-.00232
#2	.00186	-.00014	360.24	.00072	.03407	1.5126	-.00011	.01952

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72123	.77540	-.00260	.00420	.01152	-.0010	.14251	6.3444
Stddev	.00305	.00314	.00015	.00063	.00012	.0007	.00004	.0480
%RSD	.42326	.40443	5.6563	14.917	1.0125	71.46	.02838	.75602

#1	.71907	.77762	-.00270	.00375	.01144	-.0005	.14254	6.3105
#2	.72339	.77319	-.00249	.00464	.01160	-.0016	.14248	6.3783

Sample Name: J6237-02 Acquired: 12/6/2018 23:44:48 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7499
 Stddev .7668
 %RSD 27.884

#1 3.2921
 #2 2.2077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.5	47525.	3894.6	89.950	3654.2
Stddev	11.7	161.	37.2	1.626	3.7
%RSD	.32350	.33899	.95402	1.8081	.10155

#1	3625.7	47411.	3868.3	88.800	3656.8
#2	3609.2	47639.	3920.9	91.100	3651.5

Sample Name: J6243-01 Acquired: 12/6/2018 23:48:58 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.00515	.00845	.00361	.00176	.03543	.15940	-.00018
Stddev	.00011	.00021	.00092	.00164	.00117	.01170	.00470	.00002
%RSD	9.0926	4.0845	10.857	45.325	66.150	33.031	2.9501	9.0844

#1	-.00116	-.00530	.00910	.00477	.00094	.04371	.16273	-.00016
#2	-.00132	-.00501	.00780	.00245	.00259	.02716	.15608	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	1.2310	.00138	-.00003	.01726	.10311	.02285	.17003
Stddev	.00003	.0375	.00023	.00011	.00023	.00242	.00068	.01239
%RSD	24.249	3.0447	16.935	392.77	1.3479	2.3517	2.9624	7.2882

#1	.00017	1.2575	.00155	.00005	.01710	.10483	.02237	.17879
#2	.00012	1.2045	.00122	-.00011	.01742	.10140	.02333	.16127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00051	298.60	-.00029	.23595	.26798	-.00026	.02943
Stddev	.00024	.00071	5.09	.00004	.01014	.01403	.00021	.00703
%RSD	13.525	139.44	1.7060	13.935	4.2988	5.2357	79.783	23.884

#1	.00193	.00001	302.20	-.00032	.24312	.27790	-.00011	.03440
#2	.00159	.00101	295.00	-.00026	.22878	.25806	-.00041	.02446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23807	.08577	-.00201	.00216	.00792	.0023	.00548	6.1443
Stddev	.00333	.00063	.00006	.00271	.00128	.0005	.00010	.3462
%RSD	1.3998	.73457	2.9194	125.26	16.196	23.77	1.8566	5.6347

#1	.24042	.08533	-.00205	.00408	.00701	.0027	.00556	5.8995
#2	.23571	.08622	-.00197	.00025	.00883	.0019	.00541	6.3891

Sample Name: J6243-01 Acquired: 12/6/2018 23:48:58 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6777
Stddev	.0171
%RSD	1.0212

#1	1.6898
#2	1.6656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3636.7	48278.	3819.7	90.199	3723.8
Stddev	25.2	1283.	50.6	3.937	31.0
%RSD	.69259	2.6581	1.3249	4.3652	.83327

#1	3618.9	49185.	3783.9	87.415	3701.9
#2	3654.5	47370.	3855.5	92.983	3745.8

Sample Name: J6209-02 Acquired: 12/6/2018 23:53:06 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12.68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	-.00407	-.00036	.00202	.00068	-.01439	.08381	-.00013
Stddev	.00082	.00017	.00105	.00116	.00330	.02189	.00027	.00007
%RSD	23.272	4.0600	290.01	57.752	487.02	152.15	.31641	57.446

#1	-.00293	-.00395	-.00110	.00284	-.00165	.00109	.08363	-.00018
#2	-.00408	-.00419	.00038	.00119	.00301	-.02986	.08400	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	11.159	.00060	-.00019	-.00064	.02471	.09043	2.4114
Stddev	.00004	.002	.00048	.00001	.00025	.01849	.00019	.0640
%RSD	28.832	.01500	80.094	4.4205	39.019	74.833	.21391	2.6530

#1	-.00011	11.158	.00094	-.00018	-.00081	.03778	.09030	2.3661
#2	-.00017	11.160	.00026	-.00019	-.00046	.01163	.09057	2.4566

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00018	9.4262	.00043	.02263	.92163	.00069	.03347
Stddev	.00020	.00040	.0839	.00054	.00068	.04310	.00033	.01038
%RSD	12.677	230.43	.89014	125.20	2.9915	4.6770	47.284	31.015

#1	-.00171	-.00046	9.4856	.00005	.02311	.89115	.00092	.02613
#2	-.00143	.00011	9.3669	.00082	.02215	.95211	.00046	.04081

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79713	1.8727	-.00274	.00561	.00296	.0720	.05865	5.5944
Stddev	.00967	.0020	.00047	.00146	.00156	.0000	.00008	.0879
%RSD	1.2126	.10449	17.045	26.033	52.614	.0596	.13586	1.5715

#1	.79029	1.8713	-.00307	.00458	.00186	.0720	.05871	5.6566
#2	.80396	1.8741	-.00241	.00664	.00407	.0720	.05860	5.5323

Sample Name: J6209-02 Acquired: 12/6/2018 23:53:06 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12.68 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .37072
 Stddev .27857
 %RSD 75.145

#1 .17373
 #2 .56770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.0	51059.	3864.5	92.820	4107.3
Stddev	27.0	285.	31.4	3.127	32.2
%RSD	.71523	.55743	.81364	3.3692	.78348

#1	3798.1	50858.	3842.3	90.609	4130.0
#2	3759.9	51260.	3886.8	95.031	4084.5

Sample Name: J6209-04 Acquired: 12/6/2018 23:57:10 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12.65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00460	.00035	.00174	-.00136	.01599	.08547	-.00016
Stddev	.00109	.00093	.00005	.00211	.00219	.00426	.00259	.00002
%RSD	89.073	20.258	13.486	121.21	161.08	26.626	3.0307	14.120

#1	-.00045	-.00526	.00031	.00323	-.00291	.01298	.08364	-.00017
#2	-.00199	-.00394	.00038	.00025	.00019	.01900	.08730	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	9.2027	.00082	-.00031	-.00078	.03317	.06021	2.0076
Stddev	.00009	.2959	.00006	.00021	.00050	.00776	.00014	.1466
%RSD	47.705	3.2159	7.4511	68.545	63.864	23.395	.23166	7.3009

#1	-.00026	8.9935	.00087	-.00046	-.00043	.03866	.06011	1.9040
#2	-.00013	9.4120	.00078	-.00016	-.00113	.02768	.06031	2.1113

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	-.00054	7.3867	.00053	.02018	.60268	.00085	.02802
Stddev	.00043	.00023	.2427	.00035	.00043	.03722	.00020	.00193
%RSD	29.446	41.971	3.2850	66.099	2.1396	6.1755	23.768	6.8855

#1	-.00117	-.00071	7.2151	.00078	.01988	.62900	.00071	.02666
#2	-.00178	-.00038	7.5583	.00028	.02049	.57637	.00100	.02938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79172	1.4409	-.00314	.00314	.00289	.0168	.04231	5.6030
Stddev	.00290	.0403	.00020	.00041	.00368	.0004	.00121	.1144
%RSD	.36577	2.7978	6.3682	13.006	127.46	2.158	2.8683	2.0418

#1	.79377	1.4124	-.00300	.00343	.00029	.0171	.04145	5.6839
#2	.78967	1.4694	-.00328	.00286	.00549	.0166	.04317	5.5221

Sample Name: J6209-04 Acquired: 12/6/2018 23:57:10 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12.65 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .51421
 Stddev .41719
 %RSD 81.133

#1 .80920
 #2 .21921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.8	51193.	3811.5	88.608	4155.4
Stddev	11.5	143.	98.6	1.367	17.7
%RSD	.30088	.27932	2.5859	1.5428	.42545

#1	3802.7	51092.	3881.2	89.575	4142.9
#2	3818.9	51294.	3741.8	87.642	4167.9

Sample Name: CCV13 Acquired: 12/7/2018 0:01:14 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9355	4.8720	4.8390	4.8958	4.9634	10.019	10.049	.24799
Stddev	.0103	.0007	.0058	.0063	.0065	.114	.116	.00099
%RSD	.20818	.01387	.11929	.12768	.13044	1.1345	1.1563	.39832
#1	4.9282	4.8716	4.8431	4.9002	4.9680	9.9381	9.9666	.24729
#2	4.9428	4.8725	4.8350	4.8914	4.9589	10.099	10.131	.24868
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3902	26.209	1.0287	2.4008	1.2561	4.9295	2.5263	24.954
Stddev	.0029	.238	.0104	.0055	.0012	.1755	.0138	.178
%RSD	.12345	.90855	1.0153	.22743	.09266	3.5593	.54632	.71297
#1	2.3923	26.041	1.0213	2.4046	1.2569	4.8055	2.5166	24.828
#2	2.3881	26.377	1.0361	2.3969	1.2553	5.0536	2.5361	25.080
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4009	1.2830	24.664	2.4494	2.5154	25.038	4.9873	5.0587
Stddev	.0057	.0071	.318	.0132	.0574	.329	.0024	.0742
%RSD	.23908	.55398	1.2879	.53853	2.2823	1.3138	.04895	1.4665
#1	2.4050	1.2780	24.439	2.4400	2.4748	24.806	4.9856	5.0062
#2	2.3969	1.2880	24.888	2.4587	2.5560	25.271	4.9890	5.1111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7873	5.1392	4.7993	4.9314	5.0506	4.799	5.2573	F 5.9196
Stddev	.0102	.0370	.0018	.0256	.0575	.007	.0673	.1184
%RSD	.21276	.72069	.03743	.51963	1.1386	.1461	1.2791	2.0000
#1	4.7945	5.1130	4.8006	4.9133	5.0099	4.804	5.2098	5.8359
#2	4.7801	5.1653	4.7980	4.9495	5.0912	4.794	5.3049	6.0033

Sample Name: CCV13 Acquired: 12/7/2018 0:01:14 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8603
Stddev .7081
%RSD 24.758

#1 2.3596
#2 3.3611

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.8	50257.	3967.3	89.540	3862.9
Stddev	5.4	414.	26.5	2.231	.4
%RSD	.14062	.82381	.66682	2.4914	.01116

#1	3838.6	50549.	3986.0	91.118	3862.6
#2	3831.0	49964.	3948.6	87.963	3863.2

Sample Name: CCB13 Acquired: 12/7/2018 0:05:01 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00114	.00067	-.00251	-.00022	.00740	.00879
Stddev	.00039	.00113	.00036	.00261	.00074	.01740	.00030
%RSD	1299.7	99.071	53.790	104.05	336.23	235.12	3.3956

#1	-.00025	-.00034	.00092	-.00066	-.00075	.01970	.00900
#2	.00031	-.00194	.00041	-.00436	.00030	-.00490	.00858

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00007	.00496	.00058	.00014	-.00080	.01057
Stddev	.00002	.00011	.02441	.00004	.00004	.00004	.00431
%RSD	21.442	162.51	492.44	7.1532	29.663	4.9445	40.784

#1	.00009	-.00015	-.01230	.00055	.00011	-.00083	.01362
#2	.00007	.00001	.02221	.00061	.00017	-.00077	.00752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.02898	-.00165	.00025	-.07085	.00027	-.00036
Stddev	.00008	.01181	.00048	.00017	.01404	.00092	.00003
%RSD	67.983	40.749	28.809	68.979	19.820	342.22	8.0521

#1	.00006	.02063	-.00199	.00036	-.08077	-.00038	-.00038
#2	.00018	.03733	-.00131	.00013	-.06092	.00092	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06343	.00002	-.00471	F -.01083	.01042	-.00162	.00374
Stddev	.03459	.00011	.00711	.00164	.00001	.00002	.00242
%RSD	54.541	501.91	151.00	15.188	.13166	1.5046	64.696

#1	-.08789	.00010	.00032	-.01199	.01043	-.00161	.00546
#2	-.03896	-.00006	-.00974	-.00967	.01041	-.00164	.00203

Sample Name: CCB13 Acquired: 12/7/2018 0:05:01 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.0019	-.00018	F 5.3628	F .55108
Stddev	.00292	.0006	.00006	.0537	.18748
%RSD	158.81	32.35	32.407	1.0006	34.021

#1	-.00023	-.0015	-.00022	5.3249	.41851
#2	.00391	-.0024	-.00014	5.4008	.68365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3965.0	52222.	3999.1	94.296	4386.3
Stddev	.3	100.	1.6	1.220	2.5
%RSD	.00831	.19136	.03914	1.2935	.05633

#1	3964.8	52293.	4000.2	95.158	4384.6
#2	3965.3	52151.	3998.0	93.433	4388.1

Sample Name: J6209-06 Acquired: 12/7/2018 0:09:07 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HMF-NORTH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00340	.00114	.00217	-.00100	.00874	.09367	-.00017
Stddev	.00157	.00148	.00078	.00072	.00084	.01076	.00133	.00004
%RSD	107.17	43.587	68.438	33.094	83.673	123.14	1.4250	20.686

#1	-.00257	-.00445	.00059	.00166	-.00160	.00113	.09272	-.00015
#2	-.00035	-.00235	.00170	.00267	-.00041	.01635	.09461	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	10.409	.00084	-.00019	-.00118	.02157	.08645	2.1396
Stddev	.00002	.019	.00042	.00007	.00062	.00588	.00039	.0008
%RSD	19.376	.17959	50.787	38.814	52.005	27.250	.45267	.03877

#1	-.00009	10.396	.00114	-.00025	-.00162	.02572	.08673	2.1402
#2	-.00012	10.422	.00054	-.00014	-.00075	.01741	.08618	2.1390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	-.00069	7.4416	.00015	.02323	.71083	.00090	.02820
Stddev	.00023	.00012	.0037	.00008	.00022	.03710	.00007	.00480
%RSD	15.860	17.431	.05022	49.921	.96841	5.2199	7.2381	17.026

#1	-.00131	-.00060	7.4389	.00010	.02307	.68459	.00095	.03160
#2	-.00164	-.00077	7.4442	.00021	.02339	.73707	.00086	.02481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76994	1.6509	-.00193	.00659	.00187	.0186	.05024	5.6592
Stddev	.00288	.0002	.00008	.00080	.00142	.0001	.00014	.1266
%RSD	.37393	.01052	4.1641	12.190	75.718	.2910	.27412	2.2374

#1	.76791	1.6507	-.00199	.00602	.00087	.0186	.05014	5.7488
#2	.77198	1.6510	-.00187	.00716	.00288	.0185	.05034	5.5697

Sample Name: J6209-06 Acquired: 12/7/2018 0:09:07 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HMF-NORTH Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.71744
Stddev	.19762
%RSD	27.546

#1	.57770
#2	.85718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.2	50773.	3862.9	90.183	4141.7
Stddev	7.1	430.	14.6	.071	6.2
%RSD	.18575	.84713	.37809	.07841	.14901

#1	3791.2	50469.	3852.5	90.133	4137.3
#2	3801.2	51077.	3873.2	90.233	4146.1

Sample Name: J6209-08 Acquired: 12/7/2018 0:13:12 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HMF-SOUTH Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00295	.00113	.00144	.00060	.01502	.07382	-.00010
Stddev	.00079	.00090	.00098	.00226	.00014	.02236	.00094	.00002
%RSD	37.448	30.495	86.686	157.00	22.877	148.83	1.2672	17.004

#1	-.00266	-.00231	.00182	.00303	.00069	.03083	.07448	-.00009
#2	-.00155	-.00359	.00044	-.00016	.00050	-.00079	.07316	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	8.8292	.00079	-.00025	-.00066	.03357	.09114	1.8257
Stddev	.00000	.0108	.00018	.00010	.00029	.00741	.00047	.0056
%RSD	2.4166	.12206	23.025	39.743	44.468	22.063	.52030	.30499

#1	-.00020	8.8216	.00066	-.00018	-.00045	.02834	.09081	1.8218
#2	-.00021	8.8368	.00092	-.00032	-.00087	.03881	.09148	1.8296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.00002	6.8951	-.00010	.01930	.63341	.00011	.02656
Stddev	.00014	.00010	.0300	.00007	.00048	.07021	.00021	.02025
%RSD	8.8914	453.92	.43544	68.322	2.4846	11.085	189.54	76.261

#1	-.00153	-.00005	6.9163	-.00005	.01964	.68306	-.00004	.01224
#2	-.00173	.00009	6.8738	-.00015	.01896	.58377	.00026	.04088

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56065	1.3418	-.00240	.00384	-.00018	.0020	.04215	5.3371
Stddev	.00252	.0135	.00013	.00064	.00022	.0007	.00043	.1863
%RSD	.44905	1.0055	5.5718	16.585	117.96	34.54	1.0085	3.4915

#1	.56243	1.3514	-.00231	.00339	-.00003	.0025	.04245	5.4688
#2	.55887	1.3323	-.00250	.00429	-.00034	.0015	.04185	5.2053

Sample Name: J6209-08 Acquired: 12/7/2018 0:13:12 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HMF-SOUTH Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .57503
 Stddev .11210
 %RSD 19.495

#1 .49576
 #2 .65430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3809.6	51487.	3897.7	90.688	4157.9
Stddev	13.2	190.	34.9	1.585	16.8
%RSD	.34650	.36829	.89422	1.7479	.40510

#1	3800.2	51353.	3873.0	89.567	4146.0
#2	3818.9	51621.	3922.3	91.808	4169.8

Sample Name: J6243-04 Acquired: 12/7/2018 0:17:18 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00404	-.00038	.00210	.00057	.00120	.14497	-.00006
Stddev	.00112	.00087	.00034	.00266	.00142	.00659	.00109	.00005
%RSD	63.148	21.534	89.435	127.00	248.40	548.10	.75432	92.152

#1	-.00098	-.00343	-.00062	.00021	-.00043	.00586	.14574	-.00010
#2	-.00256	-.00466	-.00014	.00398	.00158	-.00346	.14420	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.26896	.00077	.00003	-.00055	.33632	.01708	.09888
Stddev	.00004	.02708	.00026	.00002	.00019	.01719	.00066	.00238
%RSD	26.406	10.068	34.133	50.808	35.217	5.1104	3.8935	2.4109

#1	-.00013	.24981	.00059	.00004	-.00069	.34847	.01755	.09720
#2	-.00019	.28810	.00096	.00002	-.00041	.32417	.01661	.10057

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00064	.34996	.00006	.02300	-.00052	-.00031	.01770
Stddev	.00055	.00058	.01822	.00011	.00018	.00874	.00002	.01008
%RSD	563.49	90.439	5.2074	166.40	.76926	1677.3	5.4161	56.950

#1	-.00029	-.00023	.33707	-.00001	.02313	.00566	-.00030	.01057
#2	.00048	-.00106	.36285	.00014	.02288	-.00670	-.00032	.02483

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23047	.07748	-.00313	.00363	-.00249	-.0002	.00299	4.7180
Stddev	.00472	.00686	.00015	.00168	.00054	.0008	.00010	.3254
%RSD	2.0491	8.8597	4.8570	46.274	21.605	407.9	3.2263	6.8970

#1	.23381	.08233	-.00302	.00482	-.00287	-.0008	.00306	4.9481
#2	.22713	.07262	-.00324	.00244	-.00211	.0004	.00292	4.4879

Sample Name: J6243-04 Acquired: 12/7/2018 0:17:18 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.36000
Stddev	.01894
%RSD	5.2604

#1	.37339
#2	.34661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.0	54066.	4003.4	91.954	4320.3
Stddev	25.3	1556.	24.3	.359	34.7
%RSD	.64654	2.8782	.60719	.39090	.80312

#1	3894.1	52966.	3986.2	91.700	4295.7
#2	3929.9	55167.	4020.6	92.208	4344.8

Sample Name: J6243-04DUP Acquired: 12/7/2018 0:21:24 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	-.00371	-.00056	.00324	-.00100	.02173	.14443	-.00012
Stddev	.00046	.00052	.00042	.00101	.00078	.00157	.00168	.00001
%RSD	20.876	13.942	74.530	31.340	78.171	7.2465	1.1632	9.2516

#1	-.00252	-.00334	-.00085	.00252	-.00045	.02062	.14324	-.00013
#2	-.00187	-.00407	-.00026	.00395	-.00155	.02285	.14562	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.24881	.00120	.00007	-.00112	.32985	.01748	.05831
Stddev	.00008	.03495	.00031	.00008	.00083	.00846	.00006	.00343
%RSD	88.989	14.048	25.516	107.01	73.984	2.5640	.34331	5.8887

#1	-.00003	.22409	.00098	.00013	-.00054	.32387	.01752	.06073
#2	-.00014	.27352	.00142	.00002	-.00171	.33584	.01743	.05588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00054	.33918	-.00049	.02280	-.00906	-.00017	.01405
Stddev	.00037	.00011	.01107	.00044	.00026	.03322	.00020	.00895
%RSD	179.76	20.286	3.2625	90.208	1.1606	366.66	118.18	63.730

#1	.00006	-.00047	.33135	-.00080	.02261	-.03255	-.00031	.02038
#2	-.00046	-.00062	.34700	-.00018	.02299	.01443	-.00003	.00772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23344	.07154	-.00359	.00220	-.00120	.0002	.00290	5.0780
Stddev	.00326	.00019	.00054	.00128	.00087	.0020	.00005	.1048
%RSD	1.3969	.26471	15.082	58.184	72.683	840.6	1.5968	2.0647

#1	.23575	.07167	-.00397	.00130	-.00182	.0016	.00293	5.0039
#2	.23114	.07141	-.00320	.00311	-.00058	-.0012	.00287	5.1522

Sample Name: J6243-04DUP Acquired: 12/7/2018 0:21:24 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .50801
 Stddev .87127
 %RSD 171.51

#1 1.1241
 #2 -.10807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.7	52661.	4012.5	92.521	4317.9
Stddev	5.3	139.	8.4	.371	1.4
%RSD	.13499	.26434	.20899	.40124	.03131

#1	3916.9	52759.	4006.6	92.783	4318.9
#2	3924.4	52563.	4018.5	92.258	4317.0

Sample Name: J6243-04LX5 Acquired: 12/7/2018 0:25:31 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7762 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00375	-.00235	.00059	-.00155	-.00056	.00984	.03591	.00002
Stddev	.00278	.00154	.00011	.00143	.00044	.00177	.00115	.00001
%RSD	74.055	65.732	18.878	92.717	78.362	18.027	3.1966	72.694

#1	-.00571	-.00126	.00067	-.00053	-.00087	.00859	.03509	.00001
#2	-.00178	-.00344	.00051	-.00256	-.00025	.01110	.03672	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.06394	.00033	.00005	-.00111	.07302	.00355	.04215
Stddev	.00006	.00125	.00035	.00013	.00065	.00170	.00007	.04008
%RSD	56.583	1.9626	103.84	255.83	58.916	2.3315	1.8996	95.077

#1	-.00006	.06483	.00009	-.00004	-.00157	.07182	.00360	.01381
#2	-.00014	.06305	.00058	.00014	-.00065	.07423	.00350	.07050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00003	-.01381	.00013	.00462	-.05574	-.00038	.00142
Stddev	.00023	.00010	.00406	.00010	.00021	.01402	.00008	.01350
%RSD	22.334	335.30	29.417	76.879	4.5918	25.162	19.794	953.74

#1	-.00121	-.00010	-.01669	.00006	.00447	-.06566	-.00033	.01096
#2	-.00088	.00004	-.01094	.00020	.00477	-.04582	-.00043	-.00813

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03989	.02363	-.00272	.00464	-.00155	-.0006	.00035	5.1435
Stddev	.00142	.00033	.00106	.00026	.00254	.0000	.00007	.0591
%RSD	3.5701	1.4097	38.883	5.6906	163.78	1.452	18.705	1.1483

#1	.03888	.02340	-.00198	.00445	-.00334	-.0006	.00040	5.1853
#2	.04090	.02387	-.00347	.00482	.00025	-.0006	.00031	5.1017

Sample Name: J6243-04LX5 Acquired: 12/7/2018 0:25:31 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7762 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .65285
 Stddev .12500
 %RSD 19.147

#1 .56446
 #2 .74124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.7	52823.	3993.9	92.738	4358.8
Stddev	5.3	93.	56.9	3.200	4.8
%RSD	.13388	.17674	1.4245	3.4502	.10926

#1	3959.0	52757.	4034.1	95.000	4355.4
#2	3966.5	52889.	3953.6	90.475	4362.2

Sample Name: J6243-04MS Acquired: 12/7/2018 0:29:37 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79444	2.0055	.97962	1.9432	.82034	2.1130	.38446	.19618
Stddev	.00660	.0058	.00229	.0019	.00006	.0215	.00088	.00057
%RSD	.83091	.28737	.23420	.09828	.00716	1.0152	.22811	.29009

#1	.78977	2.0014	.97800	1.9419	.82030	2.0978	.38508	.19577
#2	.79911	2.0095	.98125	1.9446	.82038	2.1281	.38384	.19658

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18853	1.4618	.45190	.20242	.33254	3.4886	.24200	2.2799
Stddev	.00016	.0174	.00313	.00053	.00011	.0251	.00078	.0368
%RSD	.08227	1.1924	.69278	.26056	.03286	.71894	.32052	1.6143

#1	.18842	1.4495	.44969	.20204	.33262	3.4709	.24146	2.3059
#2	.18864	1.4741	.45411	.20279	.33246	3.5063	.24255	2.2539

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50242	.07621	3.7363	.32212	.22634	11.042	.44015	.33078
Stddev	.00032	.00014	.0077	.00122	.00105	.036	.00157	.00509
%RSD	.06395	.18525	.20621	.37741	.46223	.32858	.35586	1.5388

#1	.50219	.07631	3.7308	.32126	.22560	11.017	.43904	.33438
#2	.50264	.07611	3.7417	.32298	.22708	11.068	.44125	.32718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24374	1.1099	.68140	.22157	.22603	5.374	.23402	5.4634
Stddev	.00139	.0002	.00392	.00191	.00150	.013	.00122	.0550
%RSD	.56892	.02058	.57510	.86074	.66485	.2366	.52316	1.0074

#1	.24276	1.1101	.67862	.22292	.22496	5.365	.23316	5.4245
#2	.24472	1.1098	.68417	.22023	.22709	5.383	.23489	5.5023

Sample Name: J6243-04MS Acquired: 12/7/2018 0:29:37 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.22704
%RSD	240.87

#1	-.25480
#2	.06629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.2	51184.	3887.7	92.917	4133.5
Stddev	3.2	80.	.8	.094	6.1
%RSD	.08480	.15579	.02042	.10147	.14665

#1	3811.9	51241.	3887.1	92.983	4129.2
#2	3816.4	51128.	3888.3	92.850	4137.8

Sample Name: J6243-04MSD Acquired: 12/7/2018 0:33:30 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78716	1.9856	.96981	1.9254	.81357	2.0853	.38308	.19532
Stddev	.01741	.0221	.01373	.0322	.00894	.0102	.00055	.00023
%RSD	2.2114	1.1143	1.4158	1.6705	1.0995	.48814	.14314	.11829

#1	.79946	2.0012	.97952	1.9482	.81990	2.0781	.38269	.19515
#2	.77485	1.9699	.96010	1.9027	.80725	2.0925	.38346	.19548

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18689	1.4734	.44866	.20059	.33027	3.5270	.24051	2.3374
Stddev	.00296	.0423	.00069	.00281	.00426	.0047	.00081	.0279
%RSD	1.5865	2.8696	.15302	1.3993	1.2903	.13460	.33724	1.1952

#1	.18899	1.4435	.44914	.20258	.33329	3.5236	.23993	2.3572
#2	.18479	1.5033	.44817	.19861	.32726	3.5303	.24108	2.3177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49716	.07545	3.7196	.32042	.22909	10.981	.43743	.34647
Stddev	.00862	.00057	.0070	.00063	.00023	.032	.00545	.01325
%RSD	1.7330	.75638	.18957	.19720	.10115	.28885	1.2461	3.8251

#1	.50326	.07505	3.7146	.31998	.22892	10.959	.44128	.35584
#2	.49107	.07585	3.7246	.32087	.22925	11.003	.43357	.33710

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24759	1.0997	.67259	.21639	.22464	5.323	.23308	5.4442
Stddev	.00439	.0043	.01303	.00112	.00087	.074	.00099	.0932
%RSD	1.7716	.39084	1.9373	.51852	.38532	1.392	.42376	1.7119

#1	.25070	1.1028	.68181	.21560	.22525	5.375	.23238	5.5101
#2	.24449	1.0967	.66338	.21719	.22403	5.271	.23378	5.3783

Sample Name: J6243-04MSD Acquired: 12/7/2018 0:33:30 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.32633
%RSD	54.008

#1	-.83499
#2	-.37348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.8	51572.	3885.3	91.996	4188.2
Stddev	44.9	88.	4.8	.277	52.6
%RSD	1.1634	.16980	.12351	.30105	1.2567

#1	3825.0	51510.	3888.7	92.192	4151.0
#2	3888.5	51634.	3881.9	91.800	4225.4

Sample Name: J6243-04A Acquired: 12/7/2018 0:37:23 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7760 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79368	1.9990	.97741	1.9341	.82007	2.0851	.37510	.19566
Stddev	.00146	.0095	.00380	.0076	.00447	.0063	.00972	.00055
%RSD	.18412	.47442	.38896	.39550	.54551	.29996	2.5908	.28082

#1	.79265	2.0057	.98010	1.9395	.82323	2.0895	.38197	.19605
#2	.79471	1.9923	.97473	1.9287	.81690	2.0807	.36823	.19527

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18837	1.4602	.45189	.20198	.33169	3.4198	.24085	2.2287
Stddev	.00087	.0415	.00013	.00075	.00068	.1177	.00042	.0281
%RSD	.45999	2.8418	.02822	.37297	.20459	3.4403	.17522	1.2601

#1	.18898	1.4895	.45180	.20252	.33217	3.5030	.24115	2.2486
#2	.18776	1.4308	.45198	.20145	.33121	3.3366	.24056	2.2088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50170	.07599	3.6474	.32118	.22449	10.785	.43985	.33269
Stddev	.00069	.00060	.1336	.00043	.00943	.417	.00106	.00055
%RSD	.13681	.78335	3.6625	.13395	4.1996	3.8639	.24094	.16403

#1	.50219	.07556	3.7418	.32148	.23116	11.080	.44060	.33230
#2	.50122	.07641	3.5529	.32087	.21783	10.491	.43910	.33307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25101	1.0996	.68150	.21570	.22377	5.379	.23151	5.5564
Stddev	.00332	.0243	.00201	.00225	.00468	.022	.00546	.0043
%RSD	1.3229	2.2080	.29524	1.0428	2.0936	.4010	2.3592	.07778

#1	.24866	1.1167	.68292	.21729	.22708	5.395	.23537	5.5595
#2	.25335	1.0824	.68008	.21411	.22045	5.364	.22764	5.5534

Sample Name: J6243-04A Acquired: 12/7/2018 0:37:23 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7760 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .56245
 %RSD 396.89

#1 -.53943
 #2 .25600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.3	51418.	3911.6	93.867	4154.4
Stddev	5.8	66.	110.5	3.571	.8
%RSD	.15085	.12932	2.8260	3.8042	.01889

#1	3838.3	51371.	3833.5	91.342	4153.9
#2	3830.2	51465.	3989.8	96.392	4155.0

Sample Name: J6243-07 Acquired: 12/7/2018 0:41:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00349	.00054	.00148	-.00042	.01290	.07390	-.00014
Stddev	.00010	.00037	.00030	.00044	.00081	.00000	.00046	.00010
%RSD	8.9872	10.509	56.509	29.960	191.16	.02904	.62623	66.899

#1	-.00117	-.00323	.00075	.00180	.00015	.01290	.07357	-.00008
#2	-.00103	-.00375	.00032	.00117	-.00100	.01291	.07423	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.19354	.00129	-.00012	-.00118	.34534	.00600	.03633
Stddev	.00001	.01537	.00013	.00003	.00036	.01006	.00016	.05932
%RSD	11.399	7.9412	9.9149	23.732	30.588	2.9130	2.6915	163.29

#1	-.00012	.18267	.00120	-.00014	-.00093	.35246	.00612	.07827
#2	-.00014	.20441	.00138	-.00010	-.00144	.33823	.00589	-.00562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	.00005	.45592	-.00046	.02186	-.00715	.00008	.01071
Stddev	.00011	.00031	.00442	.00027	.00028	.04644	.00019	.01037
%RSD	9.0372	670.81	.96998	58.180	1.2669	649.68	231.91	96.749

#1	-.00124	-.00017	.45904	-.00027	.02166	-.03999	.00022	.00338
#2	-.00109	.00027	.45279	-.00065	.02206	.02569	-.00005	.01804

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26287	.08532	-.00198	.00458	.00010	.0005	.00184	5.4177
Stddev	.00256	.00099	.00085	.00049	.00157	.0003	.00006	.0471
%RSD	.97274	1.1631	42.727	10.654	1521.3	66.41	3.0448	.86881

#1	.26106	.08462	-.00139	.00492	-.00100	.0007	.00180	5.4510
#2	.26468	.08602	-.00258	.00423	.00121	.0003	.00188	5.3844

Sample Name: J6243-07 Acquired: 12/7/2018 0:41:16 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.38443
Stddev	.21039
%RSD	54.728

#1	.23566
#2	.53320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.2	51943.	3888.1	89.967	4250.0
Stddev	16.6	342.	11.2	.318	10.9
%RSD	.43056	.65763	.28883	.35368	.25725

#1	3844.4	51701.	3896.0	90.192	4242.3
#2	3867.9	52184.	3880.2	89.742	4257.8

Sample Name: J6254-02 Acquired: 12/7/2018 0:45:22 Type: Unk
Method: P4-ICP2(v2634) 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	-.00130	.00019	-.00186	-.00210	.00433	.02324	.00001
Stddev	.00020	.00033	.00106	.00034	.00222	.00331	.00198	.00004
%RSD	15.506	25.474	543.59	18.435	105.74	76.492	8.5244	359.59

#1	.00114	-.00154	.00094	-.00162	-.00367	.00199	.02184	-.00002
#2	.00142	-.00107	-.00055	-.00211	-.00053	.00667	.02465	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	31.348	-.00007	-.00035	.00058	.06218	.00310	13.808
Stddev	.00007	.106	.00003	.00017	.00053	.00451	.00006	.025
%RSD	91.161	.33755	38.437	49.997	90.795	7.2550	2.0696	.17788

#1	-.00003	31.273	-.00005	-.00023	.00095	.06537	.00314	13.791
#2	-.00014	31.423	-.00009	-.00047	.00021	.05899	.00305	13.826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00000	88.064	.00014	.00025	4.1889	-.00014	.03649
Stddev	.00013	.00042	.517	.00003	.00016	.0256	.00044	.00216
%RSD	14.639	46378.	.58737	20.585	64.834	.61011	305.32	5.9230

#1	-.00080	.00029	87.698	.00012	.00014	4.2069	-.00046	.03496
#2	-.00098	-.00029	88.430	.00016	.00037	4.1708	.00017	.03802

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7485	3.3434	-.00675	.00281	-.00248	.0341	.17823	4.4097
Stddev	.0028	.0593	.00027	.00162	.00104	.0004	.00086	.0858
%RSD	.03194	1.7727	4.0356	57.733	41.799	1.285	.47974	1.9463

#1	8.7465	3.3015	-.00694	.00396	-.00322	.0338	.17763	4.4703
#2	8.7504	3.3853	-.00656	.00166	-.00175	.0344	.17884	4.3490

Sample Name: J6254-02 Acquired: 12/7/2018 0:45:22 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4353
 Stddev .0080
 %RSD .32740

#1 2.4410
 #2 2.4297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4315.4	56259.	4493.0	106.77	4532.6
Stddev	7.1	492.	40.3	3.74	.6
%RSD	.16372	.87409	.89776	3.5064	.01370

#1	4310.4	55911.	4521.6	109.42	4532.2
#2	4320.4	56607.	4464.5	104.13	4533.1

Sample Name: CCV14 Acquired: 12/7/2018 0:49:26 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14292 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9516	4.8733	4.8325	4.9128	4.9544	10.154	9.9953	.24734
Stddev	.0033	.0144	.0064	.0020	.0009	.051	.1287	.00081
%RSD	.06611	.29544	.13188	.04143	.01847	.50561	1.2872	.32859

#1	4.9539	4.8632	4.8280	4.9114	4.9551	10.190	9.9043	.24676
#2	4.9493	4.8835	4.8370	4.9143	4.9538	10.117	10.086	.24791

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3924	26.030	1.0330	2.3959	1.2600	4.9565	2.5184	24.864
Stddev	.0051	.212	.0049	.0034	.0007	.0476	.0041	.243
%RSD	.21218	.81575	.47708	.14132	.05220	.96111	.16128	.97866

#1	2.3888	25.880	1.0365	2.3935	1.2604	4.9902	2.5155	24.692
#2	2.3960	26.180	1.0295	2.3983	1.2595	4.9229	2.5213	25.036

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4077	1.2882	24.554	2.4603	2.4908	24.939	5.0101	5.0863
Stddev	.0054	.0056	.285	.0121	.0109	.440	.0015	.0017
%RSD	.22474	.43636	1.1602	.49306	.43788	1.7626	.03020	.03301

#1	2.4038	1.2922	24.353	2.4517	2.4831	24.628	5.0091	5.0851
#2	2.4115	1.2842	24.755	2.4689	2.4986	25.250	5.0112	5.0875

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7998	5.0720	4.8186	4.9435	5.0171	4.816	5.2241	F 6.0777
Stddev	.0238	.0773	.0278	.0256	.0843	.001	.0910	.1114
%RSD	.49577	1.5247	.57603	.51678	1.6797	.0224	1.7428	1.8325

#1	4.7829	5.0173	4.7990	4.9254	4.9575	4.815	5.1597	6.1564
#2	4.8166	5.1266	4.8382	4.9616	5.0767	4.817	5.2885	5.9989

Sample Name: CCV14 Acquired: 12/7/2018 0:49:26 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14292 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8663
Stddev	.1976
%RSD	6.8942

#1	2.7266
#2	3.0061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3787.9	49456.	3967.4	89.057	3817.2
Stddev	10.3	20.	52.7	.212	3.0
%RSD	.27082	.03961	1.3283	.23815	.07965

#1	3780.7	49442.	4004.7	89.207	3815.1
#2	3795.2	49469.	3930.2	88.907	3819.4

Sample Name: CCB14 Acquired: 12/7/2018 0:53:12 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14292 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	-.00271	F .00324	-.00067	.00121	.00715	.00810	.00003
Stddev	.00121	.00049	.00040	.00033	.00066	.00516	.00016	.00005
%RSD	149.50	17.957	12.367	49.305	54.585	72.142	1.9281	136.63

#1	-.00005	-.00305	.00352	-.00043	.00074	.00350	.00799	.00000
#2	.00167	-.00236	.00296	-.00090	.00167	.01079	.00821	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01953	.00006	.00001	-.00070	.00773	.00020	.04389
Stddev	.00003	.02659	.00014	.00015	.00036	.00515	.00003	.00883
%RSD	49.066	136.14	217.17	2320.5	51.247	66.554	12.429	20.112

#1	-.00004	-.00073	-.00003	-.00010	-.00096	.01137	.00022	.05014
#2	-.00008	-.03833	.00016	.00011	-.00045	.00409	.00018	.03765

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00009	-.11491	-.00021	-.00038	-.04239	.00024	-.00311
Stddev	.00002	.00023	.00445	.00005	.00006	.02377	.00002	.00003
%RSD	1.5748	241.44	3.8760	25.195	15.878	56.069	9.1517	.98265

#1	-.00128	.00007	-.11806	-.00017	-.00033	-.05920	.00022	-.00308
#2	-.00130	-.00026	-.11176	-.00024	-.00042	-.02559	.00026	-.00313

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00959	.00931	-.00136	.00489	.00238	-.0016	-.00008	F 5.2328
Stddev	.00547	.00207	.00048	.00418	.00118	.0011	.00007	.0296
%RSD	56.989	22.250	35.281	85.563	49.868	67.17	86.032	.56599

#1	-.00573	.00785	-.00102	.00193	.00154	-.0008	-.00003	5.2538
#2	-.01346	.01078	-.00170	.00784	.00321	-.0023	-.00013	5.2119

Sample Name: CCB14 Acquired: 12/7/2018 0:53:12 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14292 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .87896
Stddev	.19747
%RSD	22.466

#1	.73933
#2	1.0186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.6	52193.	3940.4	93.258	4361.7
Stddev	.0	130.	.4	3.595	1.4
%RSD	.00061	.24938	.00914	3.8543	.03176

#1	3940.6	52101.	3940.7	90.717	4362.6
#2	3940.6	52285.	3940.2	95.800	4360.7

Sample Name: J6255-01 Acquired: 12/7/2018 0:57:19 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00164	-.00102	.00103	-.00143	.01235	.02064	.00015
Stddev	.00215	.00173	.00118	.00122	.00032	.01663	.00148	.00002
%RSD	112.56	105.81	116.05	118.75	22.150	134.64	7.1872	13.548

#1	.00344	-.00287	-.00018	.00017	-.00165	.02412	.02169	.00013
#2	.00039	-.00041	-.00186	.00190	-.00121	.00059	.01959	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	29.942	.00016	-.00008	.00040	.05599	.00251	7.0607
Stddev	.00007	1.276	.00010	.00013	.00021	.00400	.00007	.2958
%RSD	78.735	4.2601	60.853	158.96	51.958	7.1375	2.6743	4.1900

#1	-.00004	30.844	.00023	-.00018	.00054	.05881	.00246	7.2699
#2	-.00015	29.040	.00009	.00001	.00025	.05316	.00256	6.8515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00018	29.677	.00063	.00022	1.9018	-.00032	.01071
Stddev	.00030	.00001	1.194	.00013	.00005	.0740	.00032	.00984
%RSD	30.652	4.0625	4.0231	20.788	22.891	3.8926	99.374	91.822

#1	-.00076	-.00018	30.522	.00054	.00018	1.9541	-.00055	.01767
#2	-.00118	-.00017	28.833	.00073	.00025	1.8494	-.00010	.00376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1894	3.4133	-.00497	.00301	-.00452	.0311	.13777	4.5728
Stddev	.0101	.0912	.00029	.00143	.00195	.0004	.00550	.1656
%RSD	.24073	2.6716	5.7371	47.472	43.190	1.264	3.9937	3.6211

#1	4.1823	3.4778	-.00517	.00200	-.00314	.0308	.14166	4.4557
#2	4.1965	3.3489	-.00477	.00402	-.00590	.0314	.13388	4.6899

Sample Name: J6255-01 Acquired: 12/7/2018 0:57:19 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9836
 Stddev .2246
 %RSD 11.322

#1 1.8248
 #2 2.1424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4352.3	56199.	4348.4	105.02	4718.9
Stddev	7.8	1105.	149.5	2.29	4.1
%RSD	.17840	1.9666	3.4383	2.1769	.08699

#1	4346.8	56981.	4242.7	103.41	4716.0
#2	4357.8	55418.	4454.1	106.64	4721.8

Sample Name: J6255-02 Acquired: 12/7/2018 1:01:23 Type: Unk
Method: P4-ICP2(v2634) 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	.00011	-.00074	.00005	.00189	-.00266	.00757	.02207	.00008
Stddev	.00027	.00124	.00054	.00333	.00068	.00537	.00210	.00003
%RSD	235.03	169.09	1015.0	175.90	25.712	70.876	9.5236	34.069

#1	-.00007	.00014	-.00033	-.00046	-.00218	.01136	.02355	.00006
#2	.00030	-.00161	.00044	.00425	-.00314	.00378	.02058	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	30.051	-.00032	-.00013	.00020	.05579	.00240	7.1834
Stddev	.00004	1.064	.00055	.00018	.00047	.01132	.00004	.2462
%RSD	38.244	3.5400	170.04	134.69	241.44	20.289	1.5616	3.4277

#1	-.00013	30.803	-.00071	-.00026	.00053	.04778	.00237	7.3575
#2	-.00007	29.299	.00007	-.00001	-.00014	.06379	.00243	7.0093

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	.00017	30.816	.00065	.00038	1.9471	-.00038	.00814
Stddev	.00030	.00030	1.160	.00034	.00008	.0506	.00012	.00014
%RSD	25.103	177.45	3.7630	53.155	20.428	2.5982	31.868	1.7174

#1	-.00099	-.00004	31.636	.00040	.00044	1.9829	-.00029	.00824
#2	-.00141	.00039	29.996	.00089	.00033	1.9114	-.00047	.00804

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2770	3.4376	-.00462	.00600	-.00546	.0341	.13870	4.2967
Stddev	.0217	.1098	.00009	.00249	.00141	.0003	.00513	.0914
%RSD	.50677	3.1950	1.9994	41.483	25.757	.7911	3.6993	2.1266

#1	4.2617	3.5153	-.00468	.00776	-.00646	.0339	.14233	4.3613
#2	4.2923	3.3600	-.00455	.00424	-.00447	.0343	.13507	4.2321

Sample Name: J6255-02 Acquired: 12/7/2018 1:01:23 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5389
 Stddev .8680
 %RSD 56.402

#1 2.1526
 #2 .92514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4296.8	56780.	4315.8	103.12	4645.3
Stddev	14.2	1.	120.7	2.35	15.5
%RSD	.32953	.00230	2.7977	2.2753	.33335

#1	4306.8	56779.	4230.4	101.46	4656.3
#2	4286.8	56781.	4401.2	104.78	4634.4

Sample Name: J6255-03 Acquired: 12/7/2018 1:05:26 Type: Unk
Method: P4-ICP2(v2634) 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	.00194	-.00124	.00064	.00025	-.00197	.01849	.02081	.00007
Stddev	.00301	.00029	.00019	.00064	.00322	.00414	.00002	.00001
%RSD	154.85	23.043	30.154	260.66	163.57	22.381	.08408	21.105

#1	-.00018	-.00144	.00051	.00070	-.00425	.02142	.02082	.00008
#2	.00407	-.00104	.00078	-.00021	.00031	.01556	.02080	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	29.952	.00012	.00008	.00107	.04921	.00248	7.2913
Stddev	.00003	.698	.00009	.00000	.00018	.00336	.00003	.0546
%RSD	21.179	2.3308	71.625	6.6047	16.641	6.8225	1.2921	.74862

#1	-.00012	29.458	.00006	.00008	.00120	.05158	.00250	7.2527
#2	-.00016	30.446	.00018	.00007	.00095	.04683	.00245	7.3298

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00051	31.885	.00080	.00000	2.0301	-.00022	.01302
Stddev	.00001	.00044	.696	.00001	.00006	.0432	.00033	.00175
%RSD	1.0366	84.707	2.1834	.78684	4086.5	2.1275	146.35	13.468

#1	-.00095	-.00021	31.392	.00081	.00005	1.9996	-.00046	.01426
#2	-.00096	-.00082	32.377	.00080	-.00004	2.0607	.00001	.01178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3605	3.4194	-.00503	.00299	-.00558	.0340	.13920	4.5342
Stddev	.0154	.0906	.00044	.00138	.00048	.0001	.00370	.0504
%RSD	.35250	2.6494	8.8272	46.126	8.5148	.2360	2.6558	1.1120

#1	4.3496	3.3553	-.00534	.00201	-.00524	.0340	.13659	4.5699
#2	4.3713	3.4835	-.00472	.00396	-.00591	.0339	.14181	4.4986

Sample Name: J6255-03 Acquired: 12/7/2018 1:05:26 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2252
 Stddev .2221
 %RSD 18.124

#1 1.3822
 #2 1.0682

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4284.8	56136.	4297.3	102.96	4633.9
Stddev	1.7	275.	65.2	2.28	4.4
%RSD	.04031	.49052	1.5165	2.2154	.09414

#1	4283.6	55941.	4343.4	104.57	4637.0
#2	4286.0	56331.	4251.2	101.34	4630.8

Sample Name: J6255-04 Acquired: 12/7/2018 1:09:30 Type: Unk
Method: P4-ICP2(v2634) 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	.00199	-.00160	-.00049	.00273	-.00202	.00385	.01860	.00003
Stddev	.00224	.00087	.00012	.00051	.00064	.00611	.00077	.00007
%RSD	112.50	54.633	24.759	18.732	31.619	158.63	4.1446	255.28

#1	.00358	-.00222	-.00040	.00237	-.00157	-.00047	.01806	-.00002
#2	.00041	-.00098	-.00058	.00310	-.00248	.00818	.01915	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	29.354	-.00015	-.00003	.00081	.05054	.00236	7.1771
Stddev	.00007	.039	.00013	.00018	.00010	.00921	.00012	.1187
%RSD	74.856	.13361	90.659	582.12	11.759	18.214	5.2419	1.6539

#1	-.00004	29.382	-.00024	.00010	.00088	.05705	.00245	7.2610
#2	-.00014	29.326	-.00005	-.00016	.00074	.04403	.00227	7.0932

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00030	31.895	.00066	-.00022	1.9898	-.00036	.01465
Stddev	.00013	.00061	.180	.00022	.00004	.0753	.00016	.00162
%RSD	16.395	201.65	.56412	33.257	19.531	3.7822	44.669	11.055

#1	-.00092	-.00073	32.022	.00082	-.00019	2.0430	-.00047	.01580
#2	-.00073	.00013	31.768	.00051	-.00025	1.9366	-.00024	.01351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4187	3.3606	-.00553	.00135	-.00563	.0335	.13759	4.2260
Stddev	.0251	.0258	.00022	.00049	.00052	.0009	.00131	.1088
%RSD	.56863	.76770	3.9091	36.225	9.2384	2.649	.95176	2.5734

#1	4.4365	3.3788	-.00537	.00100	-.00599	.0342	.13851	4.3029
#2	4.4009	3.3423	-.00568	.00169	-.00526	.0329	.13666	4.1491

Sample Name: J6255-04 Acquired: 12/7/2018 1:09:30 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6103
 Stddev .2922
 %RSD 18.142

#1 1.8169
 #2 1.4037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4293.8	57254.	4394.8	105.36	4647.6
Stddev	23.7	1277.	2.6	.87	28.5
%RSD	.55304	2.2297	.05936	.82241	.61402

#1	4277.0	56351.	4392.9	104.74	4627.4
#2	4310.6	58157.	4396.6	105.97	4667.8

Sample Name: J6255-05 Acquired: 12/7/2018 1:13:34 Type: Unk
Method: P4-ICP2(v2634) 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	.00111	-.00092	-.00011	.00319	-.00162	.00016	.02060	.00010
Stddev	.00215	.00123	.00041	.00275	.00046	.00241	.00084	.00001
%RSD	194.35	132.88	358.25	86.377	28.547	1464.4	4.0925	6.3621

#1	-.00041	-.00179	.00017	.00514	-.00195	.00187	.02119	.00010
#2	.00263	-.00006	-.00040	.00124	-.00129	-.00154	.02000	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	30.121	.00018	.00004	.00050	.06210	.00239	7.2526
Stddev	.00010	.812	.00039	.00014	.00004	.01567	.00006	.1789
%RSD	252.55	2.6961	214.44	386.56	7.8560	25.239	2.7119	2.4662

#1	-.00011	30.695	.00046	.00013	.00052	.07319	.00234	7.3790
#2	.00003	29.547	-.00009	-.00006	.00047	.05102	.00243	7.1261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00027	31.364	.00021	-.00002	1.9578	-.00030	.01225
Stddev	.00014	.00049	.704	.00026	.00001	.0002	.00009	.00109
%RSD	13.732	181.50	2.2431	124.60	36.011	.01043	28.679	8.8657

#1	-.00095	-.00062	31.861	.00040	-.00002	1.9579	-.00024	.01148
#2	-.00116	.00008	30.866	.00003	-.00003	1.9576	-.00037	.01301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4218	3.4604	-.00471	.00196	-.00428	.0340	.13950	4.6229
Stddev	.0074	.0837	.00001	.00377	.00054	.0021	.00367	.0394
%RSD	.16689	2.4184	.29232	192.22	12.623	6.106	2.6300	.85214

#1	4.4166	3.5196	-.00470	.00462	-.00390	.0355	.14210	4.5950
#2	4.4270	3.4012	-.00472	-.00070	-.00466	.0326	.13691	4.6507

Sample Name: J6255-05 Acquired: 12/7/2018 1:13:34 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4489
 Stddev .1669
 %RSD 11.518

#1 1.5669
 #2 1.3309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4258.5	55842.	4293.2	102.13	4613.3
Stddev	12.6	133.	103.6	1.42	14.3
%RSD	.29545	.23856	2.4135	1.3869	.31095

#1	4267.4	55748.	4219.9	101.13	4623.4
#2	4249.6	55936.	4366.4	103.13	4603.1

Sample Name: J6255-06 Acquired: 12/7/2018 1:17:37 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	-.00191	.00009	.00012	-.00180	.00373	.02098	.00006
Stddev	.00066	.00011	.00065	.00085	.00156	.01718	.00024	.00009
%RSD	47.435	5.9047	720.50	713.73	86.478	460.20	1.1567	136.91

#1	.00185	-.00183	-.00037	.00072	-.00070	-.00841	.02115	.00012
#2	.00092	-.00199	.00055	-.00048	-.00290	.01588	.02081	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	29.739	-.00005	.00001	.00046	.06637	.00241	7.1729
Stddev	.00002	.181	.00036	.00003	.00011	.00651	.00001	.0142
%RSD	26.242	.60958	764.51	291.97	22.885	9.8056	.22674	.19823

#1	-.00007	29.868	-.00030	-.00001	.00039	.06177	.00241	7.1629
#2	-.00010	29.611	.00021	.00004	.00054	.07097	.00241	7.1830

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	-.00017	31.334	.00063	-.00024	1.9539	-.00016	.01485
Stddev	.00011	.00020	.121	.00016	.00008	.0203	.00013	.00874
%RSD	9.4690	117.34	.38654	24.786	32.975	1.0377	84.614	58.826

#1	-.00123	-.00003	31.419	.00074	-.00018	1.9682	-.00025	.00867
#2	-.00107	-.00031	31.248	.00052	-.00029	1.9395	-.00006	.02103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4407	3.4076	-.00531	.00309	-.00480	.0336	.13833	4.5547
Stddev	.0520	.0272	.00054	.00117	.00060	.0001	.00071	.0659
%RSD	1.1708	.79775	10.134	37.788	12.482	.1765	.51235	1.4462

#1	4.4775	3.4268	-.00493	.00391	-.00437	.0336	.13883	4.6013
#2	4.4039	3.3884	-.00569	.00226	-.00522	.0336	.13783	4.5082

Sample Name: J6255-06 Acquired: 12/7/2018 1:17:37 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1498
 Stddev .2170
 %RSD 10.092

#1 2.3033
 #2 1.9964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4247.9	55882.	4351.9	105.59	4591.5
Stddev	10.2	116.	46.9	2.13	1.2
%RSD	.24031	.20688	1.0779	2.0173	.02689

#1	4255.1	55964.	4318.7	104.09	4592.4
#2	4240.6	55800.	4385.1	107.10	4590.7

Sample Name: J6255-07 Acquired: 12/7/2018 1:21:41 Type: Unk
Method: P4-ICP2(v2634) 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	.00261	-.00175	-.00046	-.00012	-.00111	.00660	.02154	.00002
Stddev	.00021	.00063	.00038	.00263	.00072	.00259	.00048	.00005
%RSD	8.2137	35.728	82.720	2202.6	64.277	39.224	2.2061	254.75

#1	.00277	-.00219	-.00019	-.00198	-.00162	.00843	.02188	-.00002
#2	.00246	-.00131	-.00073	.00174	-.00061	.00477	.02120	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	29.478	.00035	.00013	.00088	.06553	.00351	7.7190
Stddev	.00002	.341	.00020	.00041	.00008	.00361	.00013	.1747
%RSD	24.908	1.1559	56.610	307.26	9.4627	5.5065	3.7385	2.2635

#1	-.00006	29.719	.00021	.00042	.00094	.06298	.00360	7.8426
#2	-.00009	29.237	.00048	-.00016	.00082	.06808	.00342	7.5955

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00041	36.952	.00055	.00058	2.2763	-.00015	.01692
Stddev	.00030	.00008	1.006	.00000	.00001	.0338	.00031	.00581
%RSD	40.170	20.693	2.7232	.53971	1.9181	1.4856	201.07	34.339

#1	-.00053	-.00035	37.664	.00055	.00058	2.3002	.00007	.02103
#2	-.00095	-.00046	36.241	.00056	.00057	2.2524	-.00037	.01281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8929	3.4158	-.00538	.00253	-.00230	.0351	.14150	4.5915
Stddev	.0221	.1081	.00090	.00191	.00116	.0005	.00243	.3787
%RSD	.45109	3.1651	16.762	75.375	50.541	1.388	1.7203	8.2479

#1	4.9085	3.4922	-.00601	.00388	-.00148	.0355	.14323	4.8593
#2	4.8773	3.3394	-.00474	.00118	-.00313	.0348	.13978	4.3237

Sample Name: J6255-07 Acquired: 12/7/2018 1:21:41 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9868
 Stddev .0820
 %RSD 4.1278

#1 1.9288
 #2 2.0448

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4237.0	54655.	4397.7	103.23	4553.7
Stddev	.3	1221.	136.8	1.05	4.3
%RSD	.00723	2.2342	3.1118	1.0211	.09477

#1	4237.3	53792.	4301.0	102.48	4550.6
#2	4236.8	55519.	4494.5	103.98	4556.8

Sample Name: J6255-08 Acquired: 12/7/2018 1:25:44 Type: Unk
Method: P4-ICP2(v2634) 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	.00144	-.00211	.00087	-.00065	-.00200	.02157	.02168	.00001
Stddev	.00013	.00039	.00042	.00216	.00041	.00956	.00017	.00005
%RSD	9.0939	18.620	48.447	330.73	20.469	44.309	.79842	635.25

#1	.00135	-.00184	.00117	-.00218	-.00171	.01481	.02156	-.00003
#2	.00153	-.00239	.00057	.00087	-.00229	.02833	.02181	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	29.388	-.00004	-.00010	.00066	.06192	.00373	7.1175
Stddev	.00004	.137	.00013	.00013	.00031	.00238	.00000	.0771
%RSD	32.150	.46696	319.30	130.73	47.430	3.8386	.03223	1.0837

#1	-.00009	29.291	-.00014	-.00001	.00089	.06024	.00373	7.0629
#2	-.00014	29.485	.00005	-.00020	.00044	.06360	.00372	7.1720

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00031	30.796	.00038	.00001	2.0617	-.00027	.00765
Stddev	.00007	.00006	.032	.00009	.00005	.0292	.00011	.00010
%RSD	7.4401	19.009	.10264	23.427	653.88	1.4148	39.377	1.3162

#1	-.00100	.00027	30.774	.00044	-.00003	2.0411	-.00034	.00758
#2	-.00090	.00035	30.819	.00032	.00005	2.0823	-.00019	.00772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3350	3.4157	-.00528	.00210	-.00368	.0414	.13765	4.4863
Stddev	.0211	.0507	.00031	.00024	.00011	.0003	.00001	.0433
%RSD	.48627	1.4829	5.8394	11.357	2.9684	.7639	.00918	.96533

#1	4.3201	3.3799	-.00550	.00193	-.00361	.0417	.13764	4.4557
#2	4.3499	3.4515	-.00506	.00227	-.00376	.0412	.13766	4.5169

Sample Name: J6255-08 Acquired: 12/7/2018 1:25:44 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6455
 Stddev .5755
 %RSD 34.974

#1 2.0525
 #2 1.2386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4258.3	55793.	4348.1	104.32	4603.1
Stddev	.5	188.	27.1	.29	1.0
%RSD	.01268	.33703	.62347	.27645	.02117

#1	4258.0	55660.	4367.3	104.52	4603.7
#2	4258.7	55926.	4328.9	104.11	4602.4

Sample Name: J6182-18DL2X100 Acquired: 12/7/2018 1:29:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7758 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00327	-.00255	.00239	.00413	-.00634	-.00267	.00777	.00001
Stddev	.00422	.00017	.00058	.00050	.00213	.02140	.00104	.00002
%RSD	128.73	6.4885	24.472	11.996	33.556	801.88	13.357	142.73

#1	-.00626	-.00243	.00280	.00448	-.00483	-.01780	.00704	-.00000
#2	-.00029	-.00267	.00197	.00378	-.00784	.01246	.00851	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	4.3494	1.4259	.00004	.00037	.01198	.00020	-.00451
Stddev	.00004	.0154	.0084	.00010	.00036	.00403	.00000	.02954
%RSD	258.80	.35380	.58937	244.62	95.656	33.645	.09306	655.27

#1	-.00001	4.3602	1.4200	-.00003	.00012	.01483	.00020	-.02539
#2	.00005	4.3385	1.4319	.00011	.00063	.00913	.00020	.01638

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	.00084	15.083	.00115	.00031	1.3881	.00004	.02504
Stddev	.00010	.00019	.105	.00049	.00005	.0098	.00014	.00741
%RSD	7.6266	22.479	.69792	42.666	17.093	.70348	321.44	29.583

#1	-.00136	.00071	15.008	.00080	.00035	1.3950	-.00006	.01980
#2	-.00122	.00098	15.157	.00150	.00027	1.3812	.00014	.03027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5858	.02562	-.00384	.00119	.00779	-.0009	.02243	5.2224
Stddev	.0029	.00355	.00029	.00238	.00089	.0003	.00003	.0199
%RSD	.11347	13.861	7.4511	199.65	11.474	32.07	.15034	.38107

#1	2.5879	.02813	-.00405	.00288	.00842	-.0007	.02241	5.2083
#2	2.5838	.02311	-.00364	-.00049	.00716	-.0011	.02246	5.2364

Sample Name: J6182-18DL2X100 Acquired: 12/7/2018 1:29:48 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7758 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .88442
Stddev .11701
%RSD 13.230

#1 .80169
#2 .96716

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3953.7	51921.	4014.1	95.165	4304.8
Stddev	10.4	35.	19.3	1.215	7.1
%RSD	.26348	.06694	.47968	1.2769	.16601

#1	3946.3	51897.	4027.8	94.306	4299.7
#2	3961.0	51946.	4000.5	96.025	4309.8

Sample Name: CCV15 Acquired: 12/7/2018 1:33:53 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14289 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8637	4.8104	4.7509	4.8544	4.8980	9.8829	9.8358	.24462
Stddev	.0034	.0028	.0004	.0159	.0006	.0255	.1719	.00083
%RSD	.06933	.05806	.00850	.32863	.01234	.25825	1.7478	.34023
#1	4.8661	4.8124	4.7512	4.8656	4.8984	9.9009	9.9573	.24521
#2	4.8613	4.8084	4.7507	4.8431	4.8976	9.8648	9.7142	.24404
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3540	25.558	1.0153	2.3568	1.2440	4.8371	2.4879	24.185
Stddev	.0007	.358	.0037	.0003	.0017	.0009	.0027	.227
%RSD	.02977	1.4009	.36242	.01188	.13355	.01805	.10676	.93665
#1	2.3545	25.811	1.0127	2.3566	1.2452	4.8377	2.4898	24.345
#2	2.3535	25.304	1.0179	2.3570	1.2429	4.8364	2.4860	24.024
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3725	1.2673	24.260	2.4388	2.4460	24.510	4.9522	4.9417
Stddev	.0013	.0007	.428	.0001	.0002	.461	.0008	.0887
%RSD	.05518	.05256	1.7644	.00472	.00838	1.8819	.01602	1.7939
#1	2.3734	1.2669	24.563	2.4389	2.4459	24.836	4.9528	5.0044
#2	2.3715	1.2678	23.957	2.4387	2.4462	24.184	4.9516	4.8790
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7479	5.0087	4.7577	4.8307	4.9501	4.729	5.1357	F 5.8137
Stddev	.0218	.0798	.0009	.0674	.0969	.005	.0991	.1019
%RSD	.45914	1.5939	.01918	1.3948	1.9571	.1064	1.9304	1.7522
#1	4.7633	5.0651	4.7584	4.8783	5.0186	4.732	5.2058	5.7416
#2	4.7325	4.9522	4.7571	4.7830	4.8816	4.725	5.0656	5.8857

Sample Name: CCV15 Acquired: 12/7/2018 1:33:53 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14289 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8526
Stddev	.5451
%RSD	19.108

#1	2.4671
#2	3.2380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.7	50310.	4014.1	90.782	3880.8
Stddev	.9	10.	67.5	.004	1.8
%RSD	.02216	.02022	1.6824	.00485	.04638

#1	3845.3	50302.	3966.4	90.785	3882.1
#2	3844.1	50317.	4061.9	90.779	3879.6

Sample Name: CCB15 Acquired: 12/7/2018 1:37:40 Type: Unk
Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14289 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00363	.00123	.00075	-.00074	.01134	.00809
Stddev	.00035	.00059	.00105	.00013	.00093	.00592	.00002
%RSD	35.257	16.149	85.741	17.686	125.06	52.189	.21058

#1	-.00123	-.00405	.00048	.00084	-.00140	.01552	.00808
#2	-.00074	-.00322	.00197	.00066	-.00009	.00715	.00810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00004	-.00501	.00015	.00008	-.00057	-.00198
Stddev	.00007	.00001	.00853	.00037	.00026	.00009	.01035
%RSD	694.66	22.923	170.40	248.50	333.73	15.847	521.21

#1	.00004	-.00004	.00103	-.00011	.00026	-.00064	.00533
#2	-.00006	-.00005	-.01104	.00041	-.00011	-.00051	-.00930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.01564	-.00143	.00007	-.12653	.00025	-.00028
Stddev	.00004	.00940	.00008	.00048	.00716	.00005	.00004
%RSD	19.813	60.104	5.5785	740.92	5.6608	20.737	15.685

#1	.00021	.00899	-.00137	.00041	-.13159	.00021	-.00025
#2	.00016	.02228	-.00148	-.00028	-.12146	.00028	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07581	-.00004	.00396	F -.01283	.00795	-.00175	.00611
Stddev	.02283	.00022	.00606	.00017	.00133	.00020	.00219
%RSD	30.112	567.38	153.05	1.3060	16.685	11.211	35.771

#1	-.09195	.00012	.00824	-.01271	.00702	-.00188	.00457
#2	-.05966	-.00020	-.00033	-.01295	.00889	-.00161	.00766

Sample Name: CCB15 Acquired: 12/7/2018 1:37:40 Type: Unk
 Method: P4-ICP2(v2634) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14289 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00372	-.0006	-.00024	F 5.2324	F 1.0556
Stddev	.00115	.0003	.00006	.0603	.0756
%RSD	30.867	43.61	24.073	1.1525	7.1605

#1	.00291	-.0004	-.00028	5.1897	1.1090
#2	.00453	-.0008	-.00020	5.2750	1.0021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.5	52645.	4025.2	93.950	4435.5
Stddev	8.4	185.	23.0	.083	.8
%RSD	.20971	.35130	.57172	.08781	.01878

#1	3998.6	52514.	4009.0	93.892	4435.0
#2	4010.4	52775.	4041.5	94.008	4436.1