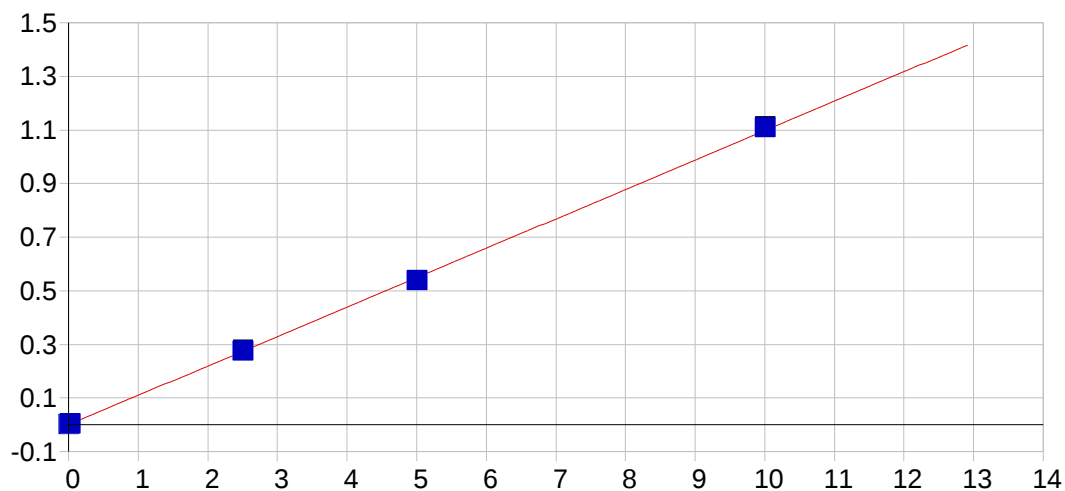


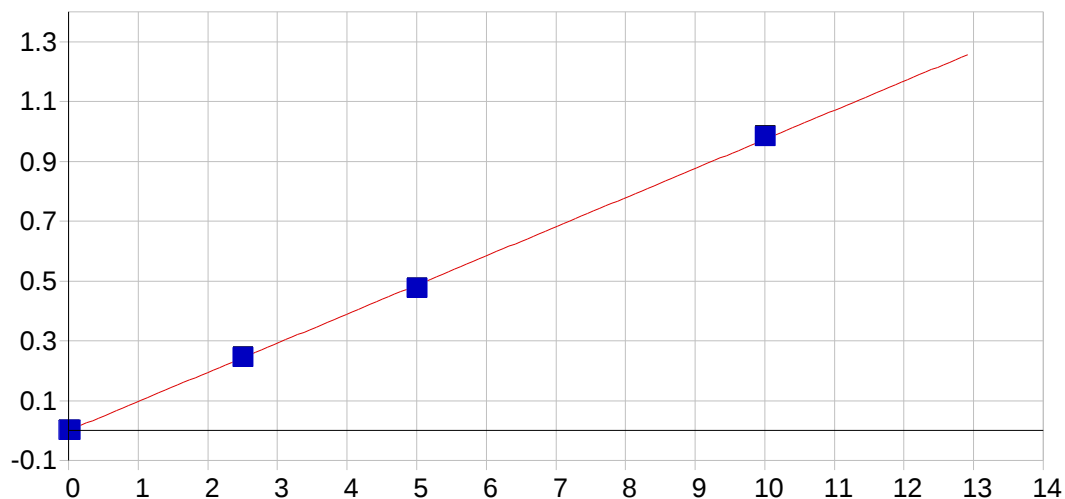


As 189.042 {478}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000282 Re-Slope: 1.000000
 A1 (Gain): 0.109777 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002686
 Predicted MQL: 0.008955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.02000	.02014	.000	.711	.00193	.000	1
S3	2.5000	2.5081	.008	.325	.27504	.001	1
S4	5.0000	4.8908	-.109	-2.18	.53658	.002	1
S5	10.000	10.101	.101	1.01	1.1085	.002	1



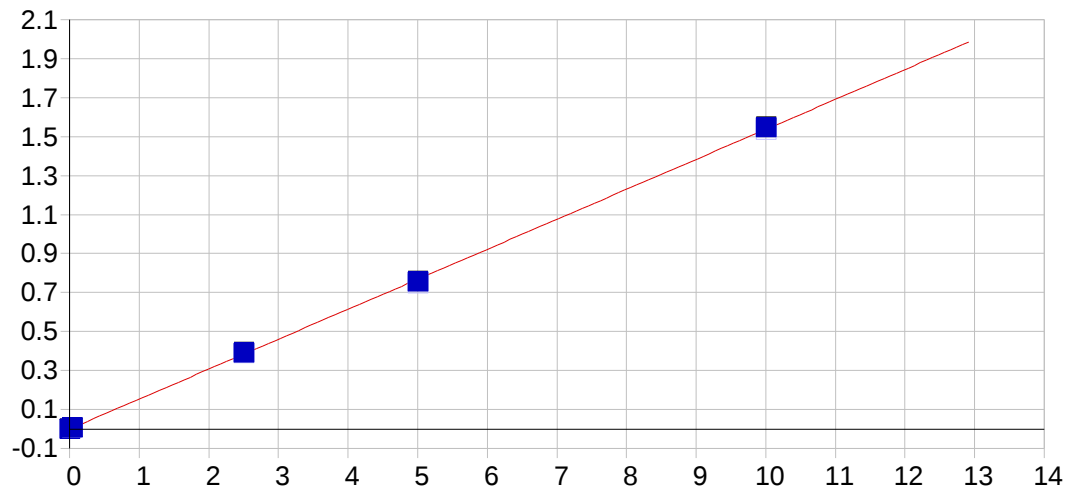
As 189.042 {479}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000

A1 (Gain): 0.097353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002220
 Predicted MQL: 0.007400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.02000	.01698	-.003	-15.1	.00155	.000	1
S3	2.5000	2.5125	.012	.499	.24449	.001	1
S4	5.0000	4.8876	-.112	-2.25	.47572	.000	1
S5	10.000	10.103	.103	1.03	.98346	.001	1

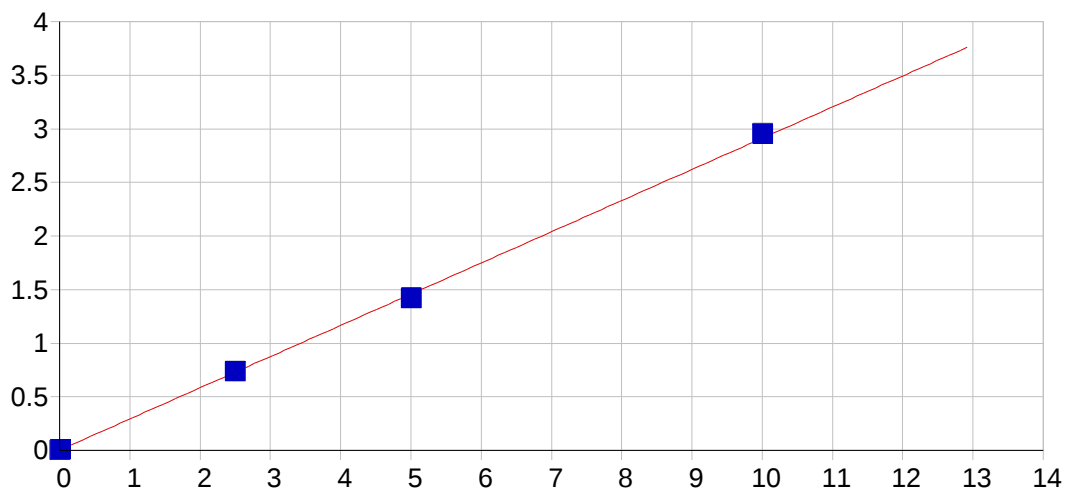


TI 190.856 {477}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000597 Re-Slope: 1.000000
 A1 (Gain): 0.153766 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.001280
 Predicted MQL: 0.004266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00060	.000	1
S1	.04000	.04370	.004	9.26	.00596	.000	1
S3	2.5000	2.5408	.041	1.63	.38615	.002	1
S4	5.0000	4.8953	-.105	-2.09	.74426	.004	1
S5	10.000	10.060	.060	.602	1.5305	.003	1

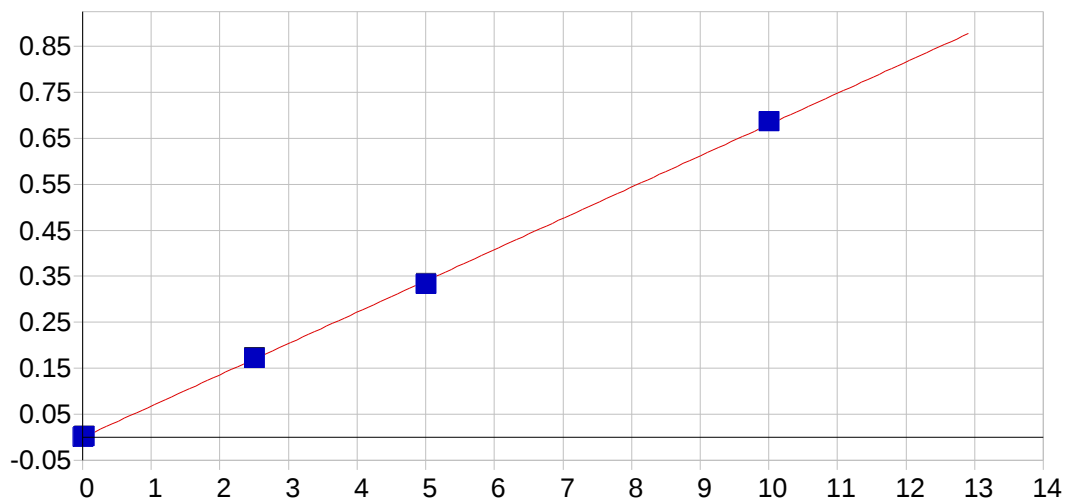


Pb 220.353 {453}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002813 Re-Slope: 1.000000
 A1 (Gain): 0.290882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.001045
 Predicted MQL: 0.003485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00281	.000	1
S1	.01200	.01175	-.000	-2.11	.00617	.000	1
S3	2.5000	2.5069	.007	.275	.73107	.000	1
S4	5.0000	4.8576	-.142	-2.85	1.4139	.002	1
S5	10.000	10.136	.136	1.36	2.9473	.004	1



Se 196.090 {472}

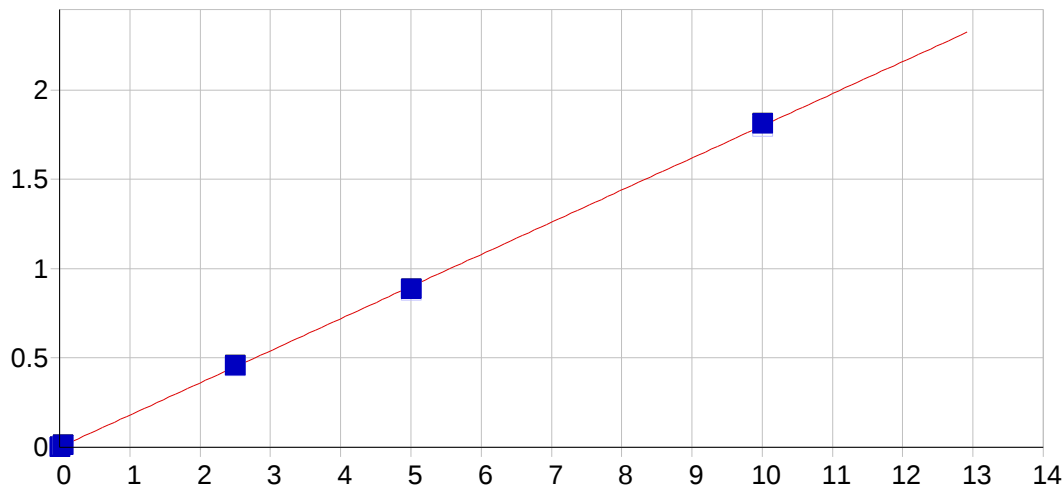
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.067968 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000021
 Predicted MDL: 0.003538
 Predicted MQL: 0.011792

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	.01970	-.000	-1.51	.00126	.000	1
S3	2.5000	2.5164	.016	.655	.17093	.001	1
S4	5.0000	4.9007	-.099	-1.99	.33298	.000	1
S5	10.000	10.083	.083	.832	.68517	.001	1



Sb 206.833 {463}

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

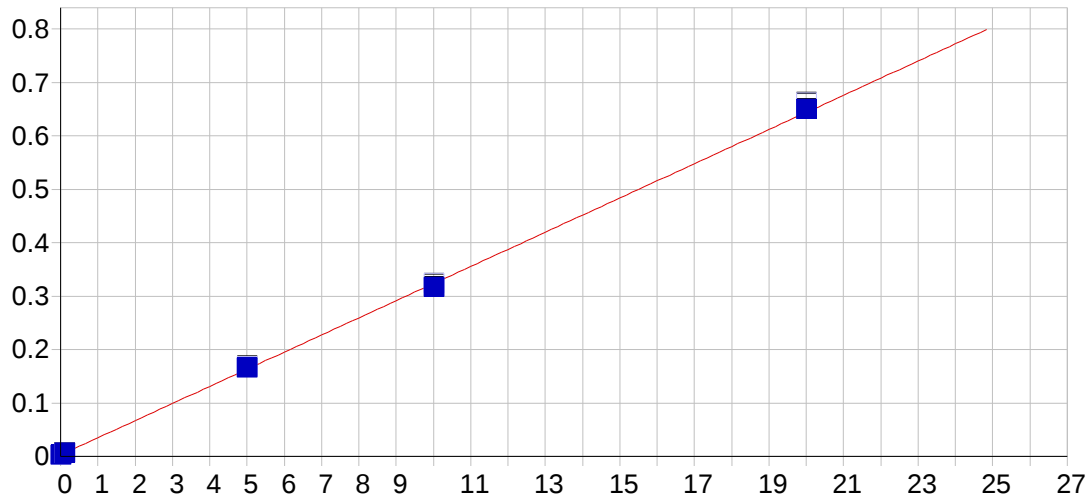
Weighting: 1/Conc

A0 (Offset): 0.000716
 A1 (Gain): 0.179835
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000084
 Predicted MDL: 0.001842
 Predicted MQL: 0.006140

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	.00072	.000	1
S1	.05000	.05441	.004	8.82	.01028	.000	1
S3	2.5000	2.5265	.027	1.06	.45002	.002	1
S4	5.0000	4.9100	-.090	-1.80	.87359	.001	1
S5	10.000	10.059	.059	.591	1.7895	.002	1

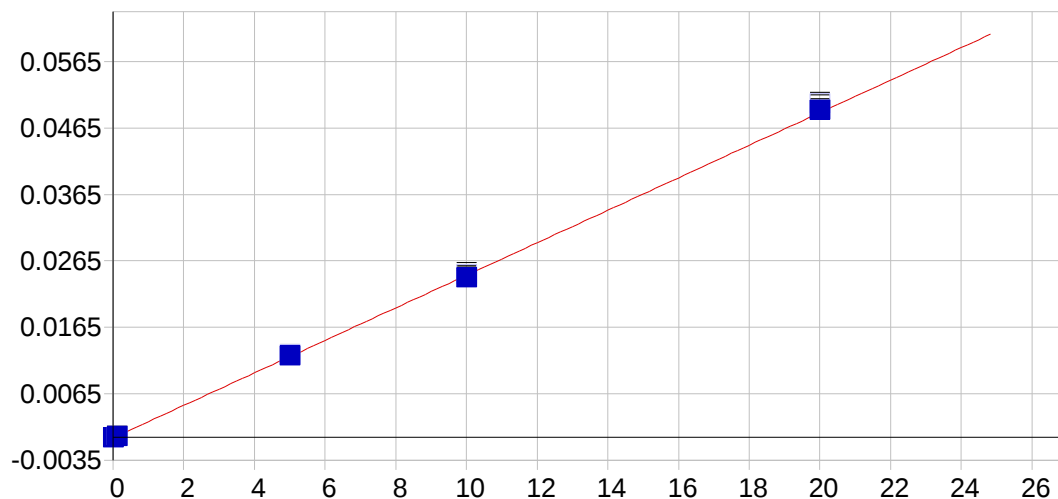


AI 308.215 {109}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002800 Re-Slope: 1.000000
 A1 (Gain): 0.032068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003236
 Predicted MQL: 0.010786

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00280	.000	1
S1	.10000	.10387	.004	3.87	.00635	.000	1
S3	5.0000	5.0574	.057	1.15	.16818	.001	1
S4	10.000	9.7854	-.215	-2.15	.32299	.001	1
S5	20.000	20.153	.153	.765	.66184	.001	1



AI 309.271 {109}

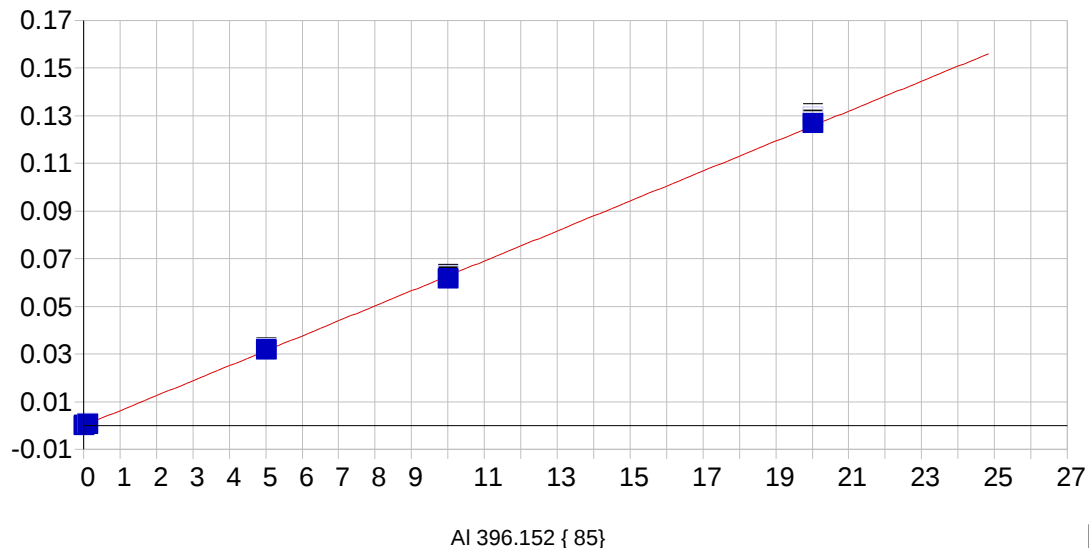
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000133 Re-Slope: 1.000000
 A1 (Gain): 0.002446 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000002
 Predicted MDL: 0.025372
 Predicted MQL: 0.084573

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.10000	.09650	-.004	-3.50	.00012	.000	1
S3	5.0000	5.0278	.028	.557	.01241	.000	1
S4	10.000	9.8221	-.178	-1.78	.02438	.000	1
S5	20.000	20.154	.154	.769	.05015	.000	1

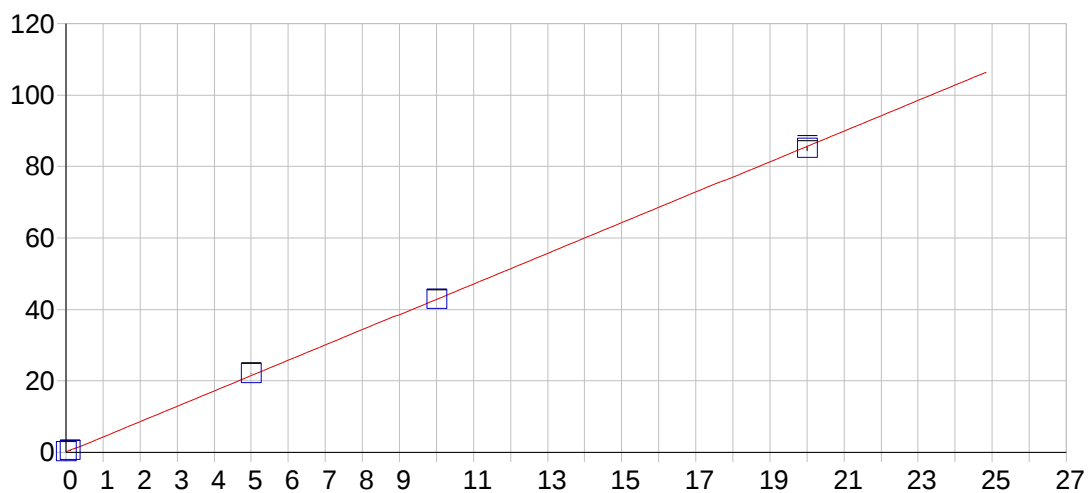


Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.006287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000007
 Predicted MDL: 0.015168
 Predicted MQL: 0.050559

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.10000	.10615	.006	6.15	.00064	.000	1
S3	5.0000	5.0247	.025	.495	.03215	.000	1
S4	10.000	9.7844	-.216	-2.16	.06269	.001	1
S5	20.000	20.184	.184	.922	.12933	.001	1

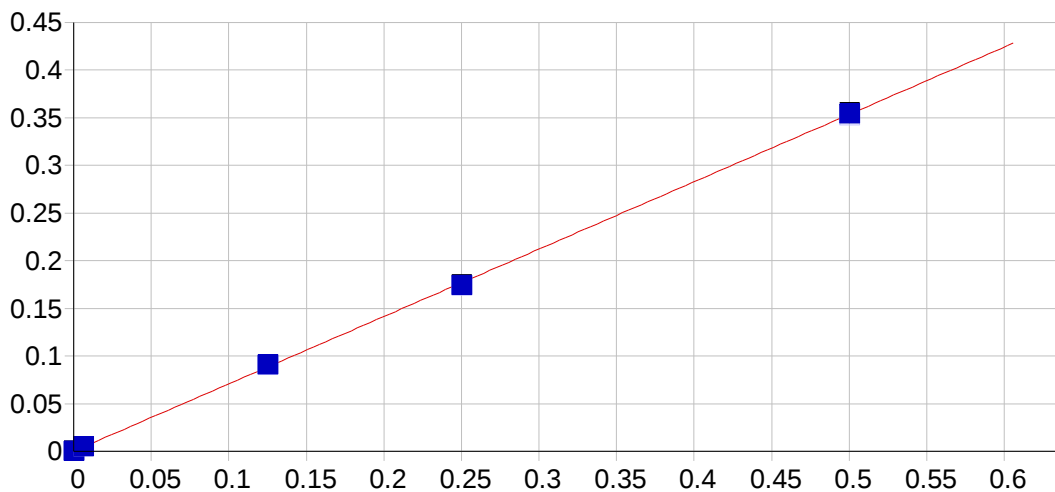


Ba 493.409 { 68}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.093584 Re-Slope: 1.000000
 A1 (Gain): 4.278055 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.004225
 Predicted MDL: 0.000814
 Predicted MQL: 0.002713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09354	.004	1
S1	.10000	.10869	.009	8.69	.55855	.006	1
S3	5.0000	5.1445	.145	2.89	22.102	.161	1
S5	20.000	19.867	-.133	-.665	85.085	.721	1
S4	10.000	9.9798	-.020	-.202	42.788	.101	1



Be 234.861 {144}

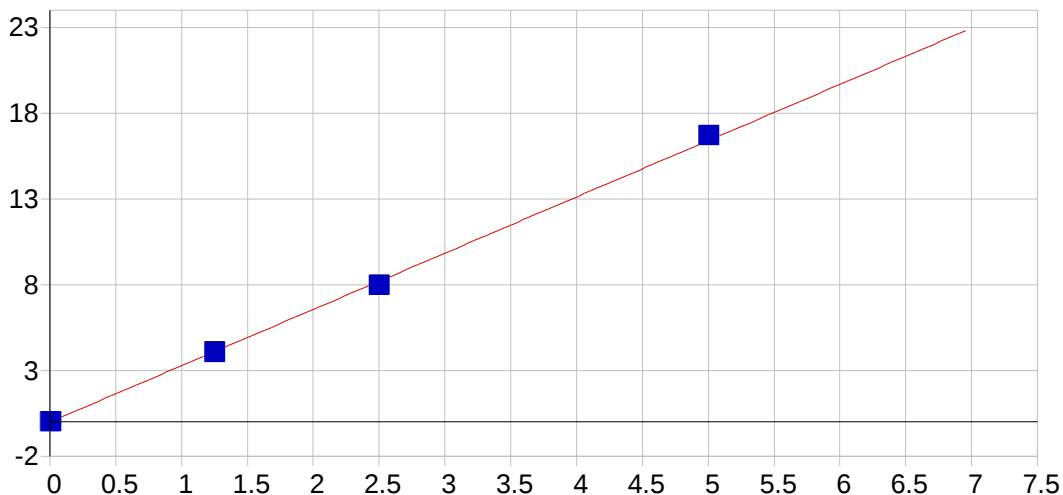
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.706857 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000027
 Predicted MDL: 0.000080
 Predicted MQL: 0.000267

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.00600	.00614	.000	2.35	.00441	.000	1
S3	.12500	.12811	.003	2.48	.09011	.000	1
S4	.25000	.24612	-.004	-1.55	.17298	.000	1
S5	.50000	.50064	.001	.128	.35177	.001	1



Cd 226.502 {449}

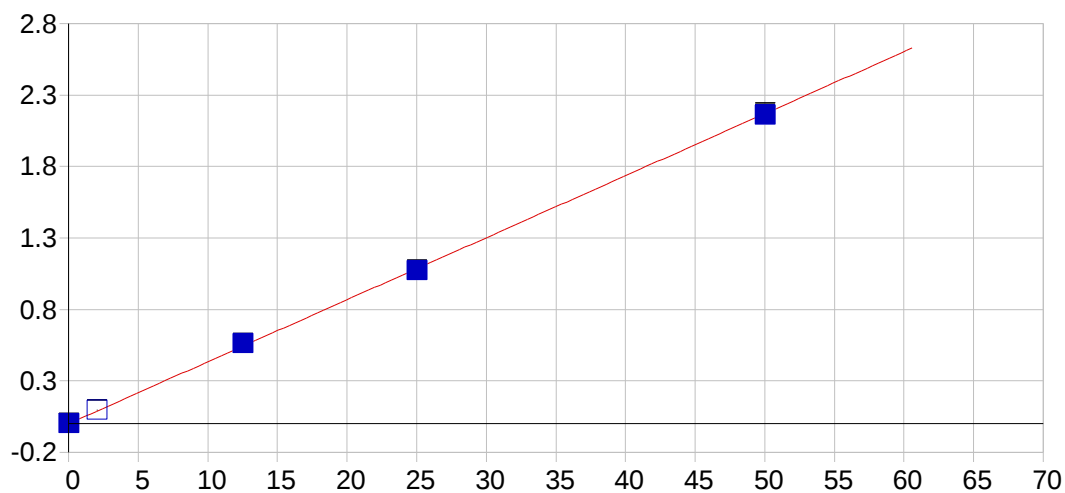
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000854
 A1 (Gain): 3.279678
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777
 Std Error of Est: 0.000648
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

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	-.00085	.000	1
S1	.00600	.00569	-.000	-5.12	.01786	.000	1
S3	1.2500	1.2377	-.012	-.985	4.0593	.005	1
S4	2.5000	2.4251	-.075	-2.99	7.9547	.023	1
S5	5.0000	5.0875	.087	1.75	16.688	.017	1

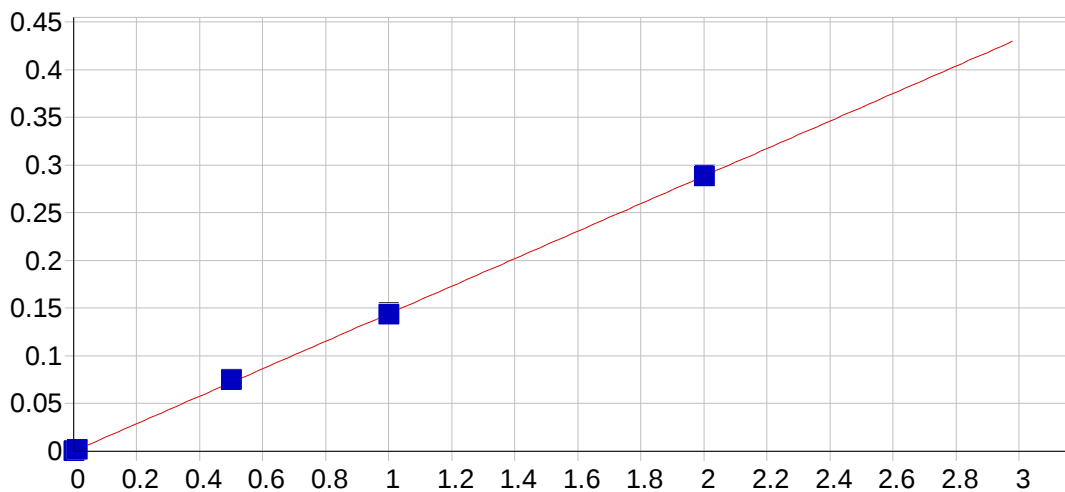


Ca 373.690 { 90}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.043386 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000458
 Predicted MDL: 0.020970
 Predicted MQL: 0.069900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1671	.167	8.36	.09428	.001	1
S0	.00000	-.00020	-.000	.000	.00025	.001	1
S3	12.500	12.915	.415	3.32	.56085	.002	1
S4	25.000	24.665	-.335	-1.34	1.0709	.003	1
S5	50.000	49.754	-.246	-.492	2.1600	.013	1



Cr 267.716 {126}

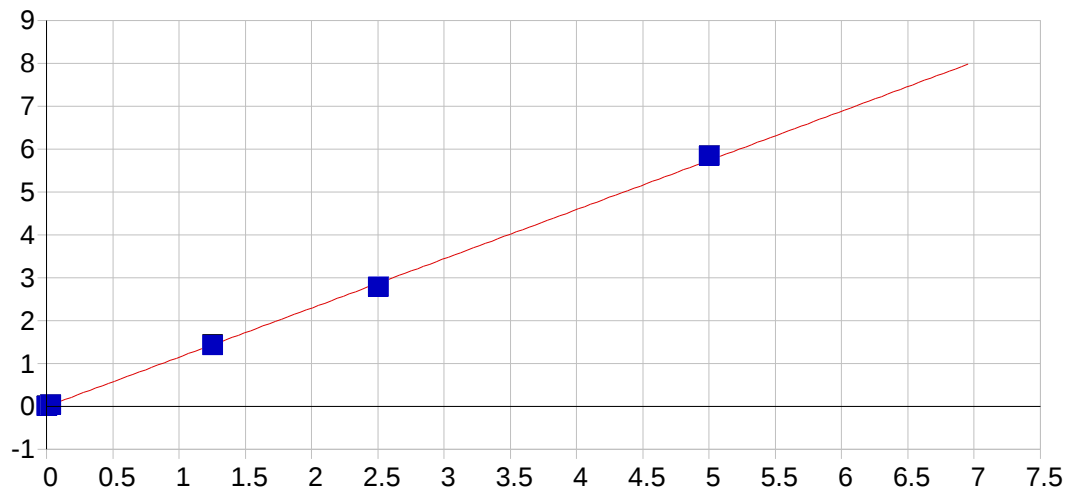
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.144250 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000013
 Predicted MDL: 0.000527
 Predicted MQL: 0.001755

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01014	.000	1.37	.00155	.000	1
S3	.50000	.51425	.014	2.85	.07480	.000	1
S4	1.0000	.99223	-.008	-.777	.14429	.000	1
S5	2.0000	1.9934	-.007	-.331	.28978	.000	1

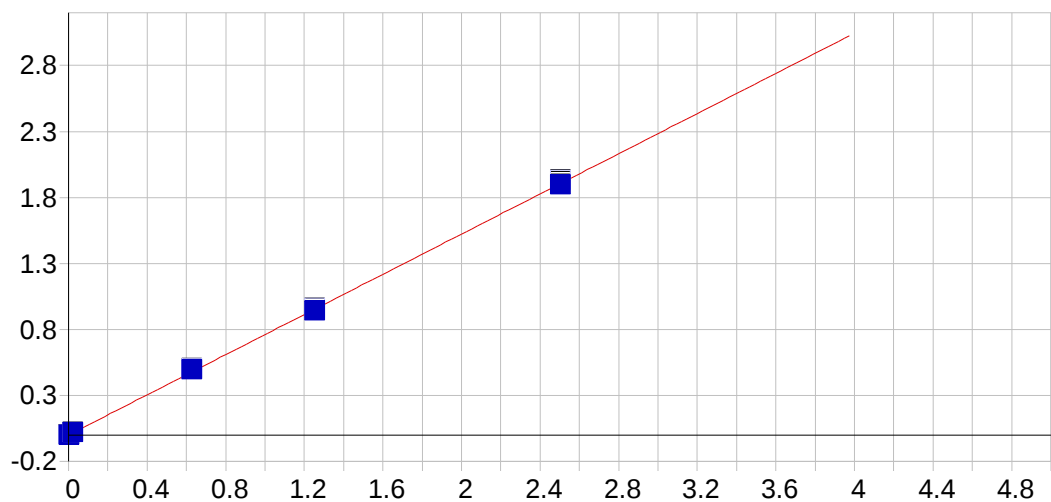


Co 228.616 {447}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000010 Re-Slope: 1.000000
 A1 (Gain): 1.147563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776 Status: OK.
 Std Error of Est: 0.000509
 Predicted MDL: 0.000253
 Predicted MQL: 0.000843

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.03000	.03226	.002	7.54	.03680	.000	1
S3	1.2500	1.2396	-.010	-.835	1.4236	.004	1
S4	2.5000	2.4244	-.076	-3.02	2.7845	.004	1
S5	5.0000	5.0837	.084	1.67	5.8384	.005	1

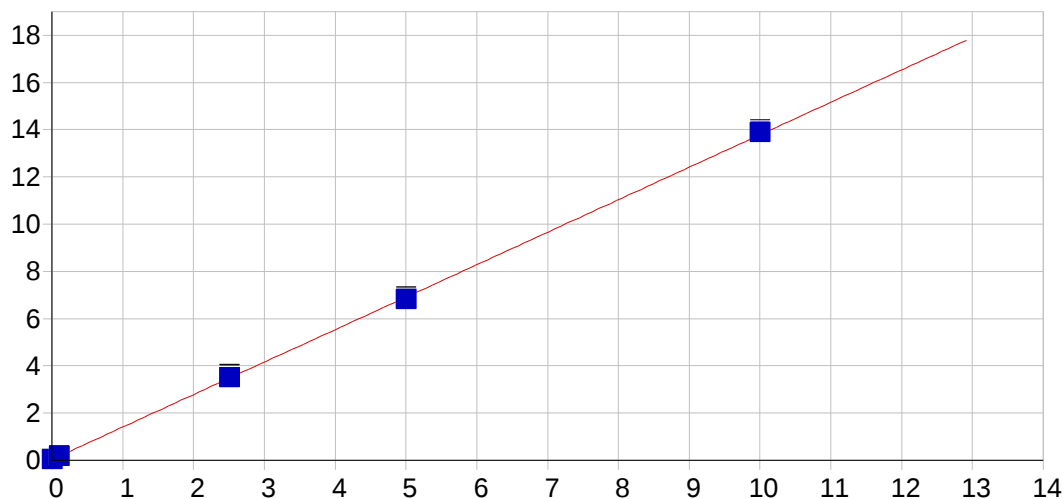


Cu 224.700 {450}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.761363 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000579
 Predicted MQL: 0.001929

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00057	.000	1
S1	.02000	.02218	.002	10.9	.01661	.000	1
S3	.62500	.64829	.023	3.73	.50185	.001	1
S4	1.2500	1.2371	-.013	-1.03	.95896	.001	1
S5	2.5000	2.4875	-.013	-.502	1.9286	.007	1



Fe 240.488 {140}

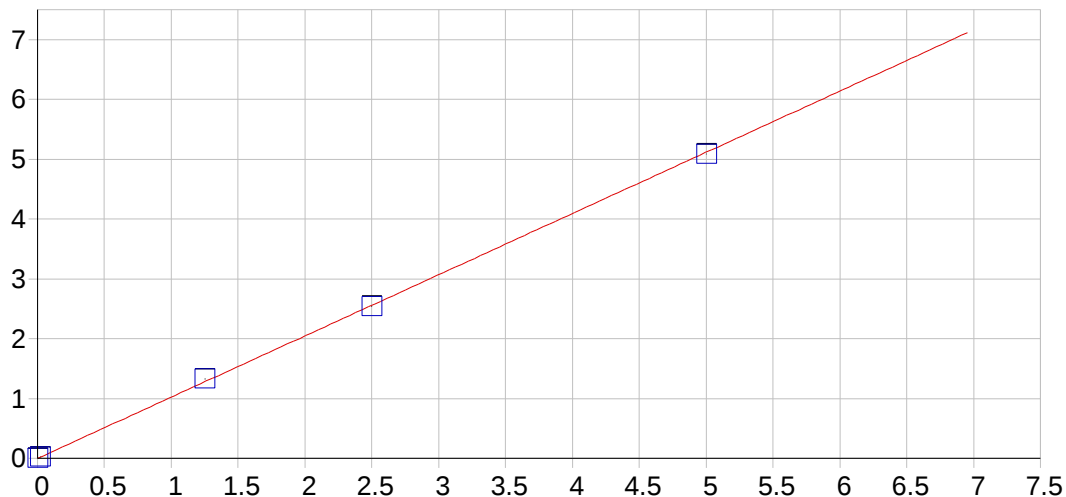
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032029 Re-Slope: 1.000000
 A1 (Gain): 1.375420 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000770
 Predicted MDL: 0.007152
 Predicted MQL: 0.023838

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03203	.003	1
S1	.10000	.10302	.003	3.02	.17439	.022	1
S3	2.5000	2.5140	.014	.560	3.5071	.116	1
S4	5.0000	4.9192	-.081	-1.62	6.8325	.066	1
S5	10.000	10.064	.064	.638	13.943	.042	1



Mn 257.610 {131}

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

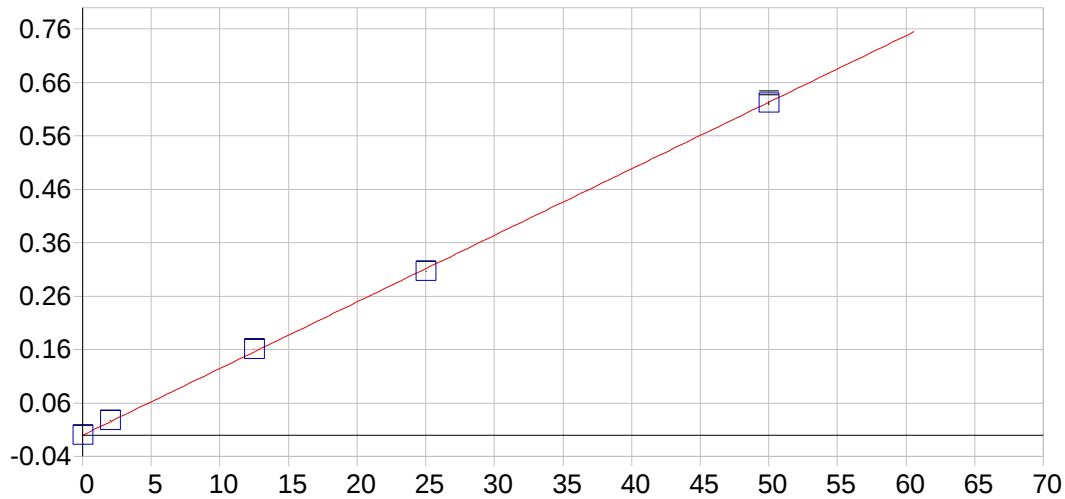
Weighting: 1/Conc

A0 (Offset): 0.000213
 A1 (Gain): 1.023145
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000287
 Predicted MDL: 0.000072
 Predicted MQL: 0.000239

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	.00021	.000	1
S1	.02000	.02214	.002	10.7	.02287	.000	1
S3	1.2500	1.2975	.048	3.80	1.3277	.000	1
S4	2.5000	2.4806	-.019	-.776	2.5382	.007	1
S5	5.0000	4.9697	-.030	-.605	5.0850	.003	1

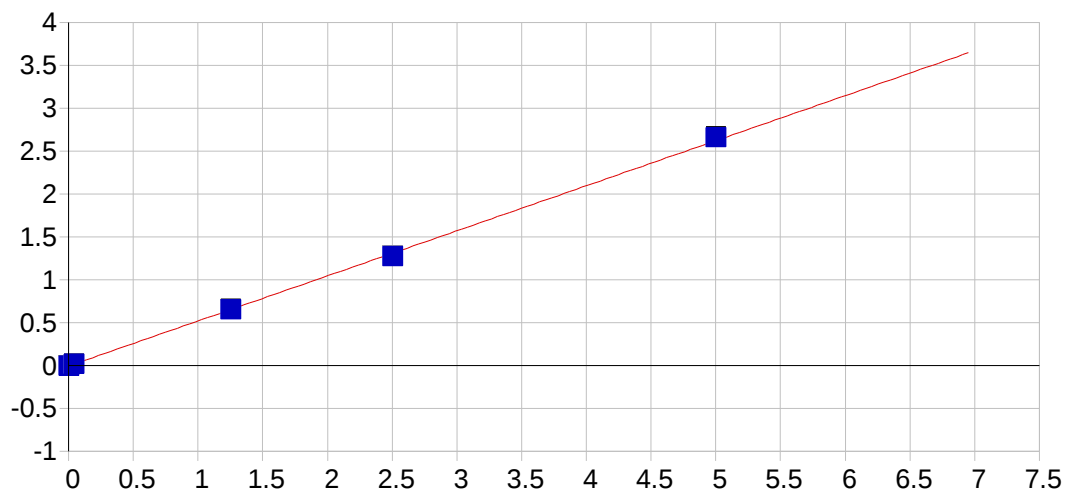


Mg 279.079 {121}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.012464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.038039
 Predicted MQL: 0.126798

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1629	.163	8.15	.02682	.000	1
S0	.00000	-.00019	-.000	.000	-.00014	.000	1
S3	12.500	12.878	.378	3.02	.16037	.001	1
S4	25.000	24.584	-.416	-1.66	.30627	.000	1
S5	50.000	49.875	-.125	-.249	.62150	.004	1



Ni 231.604 {445}

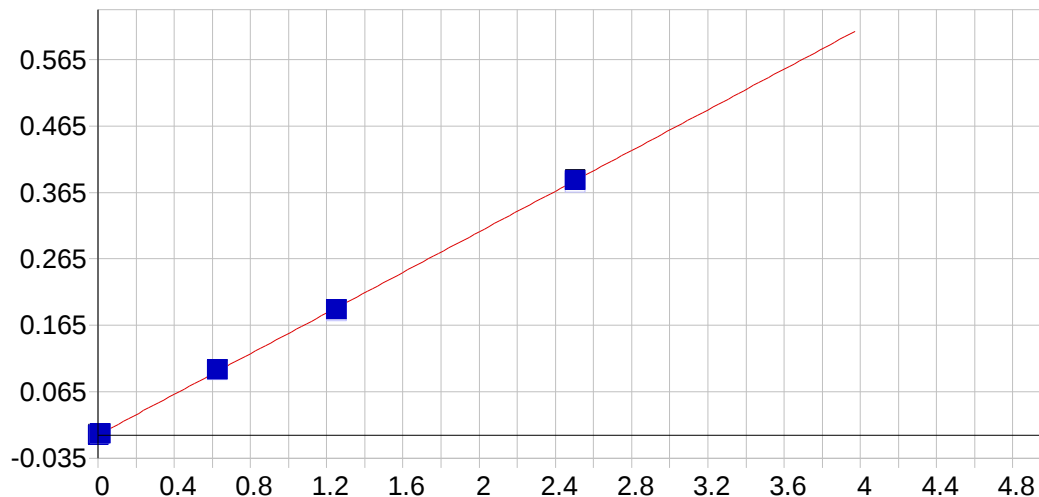
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005242 Re-Slope: 1.000000
 A1 (Gain): 0.525415 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829
 Std Error of Est: 0.000236
 Predicted MDL: 0.000513
 Predicted MQL: 0.001709

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00524	.000	1
S1	.04000	.04264	.003	6.60	.01717	.000	1
S3	1.2500	1.2510	.001	.077	.65275	.001	1
S4	2.5000	2.4300	-.070	-2.80	1.2729	.001	1
S5	5.0000	5.0664	.066	1.33	2.6596	.005	1



Ag 328.068 {103}

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

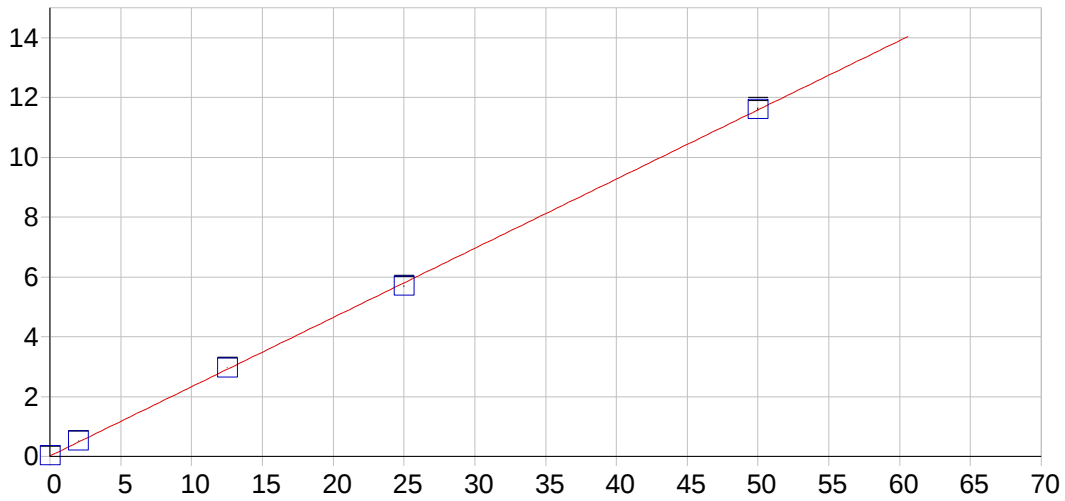
Weighting: 1/Conc

A0 (Offset): 0.000086
 A1 (Gain): 0.152875
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000016
 Predicted MDL: 0.000725
 Predicted MQL: 0.002418

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	.00009	.000	1
S1	.01000	.01032	.000	3.19	.00163	.000	1
S3	.62500	.63885	.014	2.22	.09667	.000	1
S4	1.2500	1.2295	-.020	-1.64	.18588	.001	1
S5	2.5000	2.5063	.006	.253	.37890	.000	1

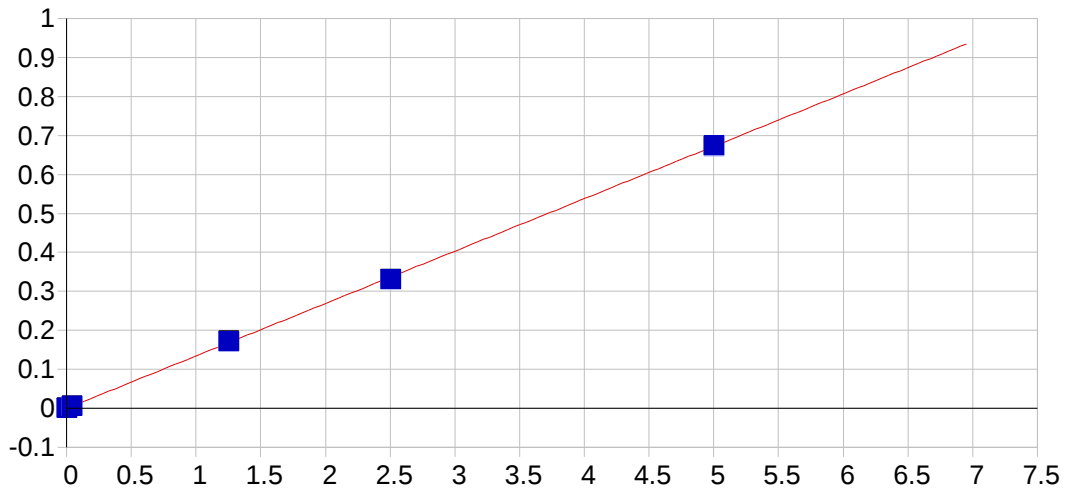


Na 589.592 { 57}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011729 Re-Slope: 1.000000
 A1 (Gain): 0.231512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.002195
 Predicted MDL: 0.012134
 Predicted MQL: 0.040448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1650	.165	8.25	.51296	.005	1
S0	.00000	-.00017	-.000	.000	.01169	.001	1
S3	12.500	12.732	.232	1.86	2.9593	.017	1
S4	25.000	24.527	-.473	-1.89	5.6900	.019	1
S5	50.000	50.076	.076	.152	11.605	.051	1



V 292.402 {115}

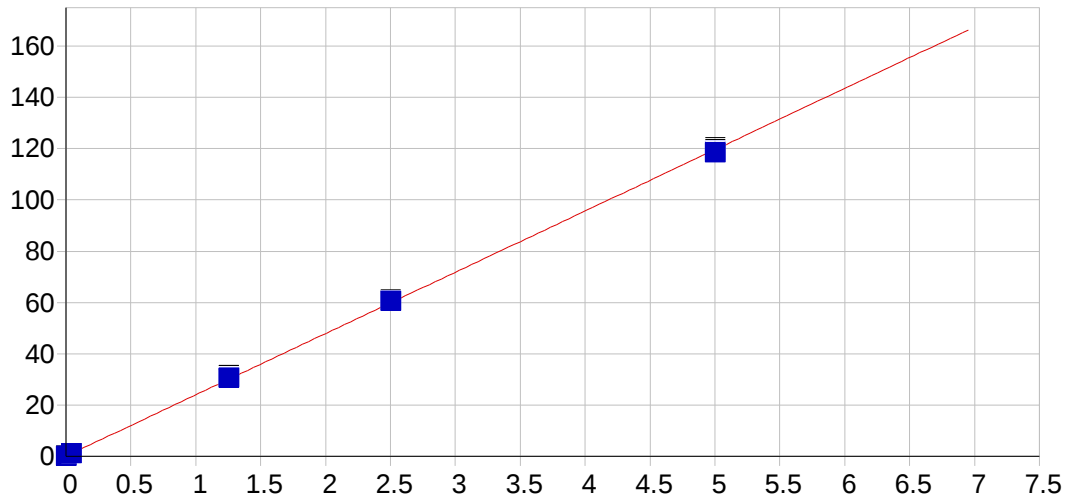
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.134477 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000041
 Predicted MDL: 0.000636
 Predicted MQL: 0.002119

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.04000	.04363	.004	9.07	.00570	.000	1
S3	1.2500	1.2730	.023	1.84	.17001	.001	1
S4	2.5000	2.4601	-.040	-1.60	.32854	.000	1
S5	5.0000	5.0133	.013	.267	.66970	.000	1

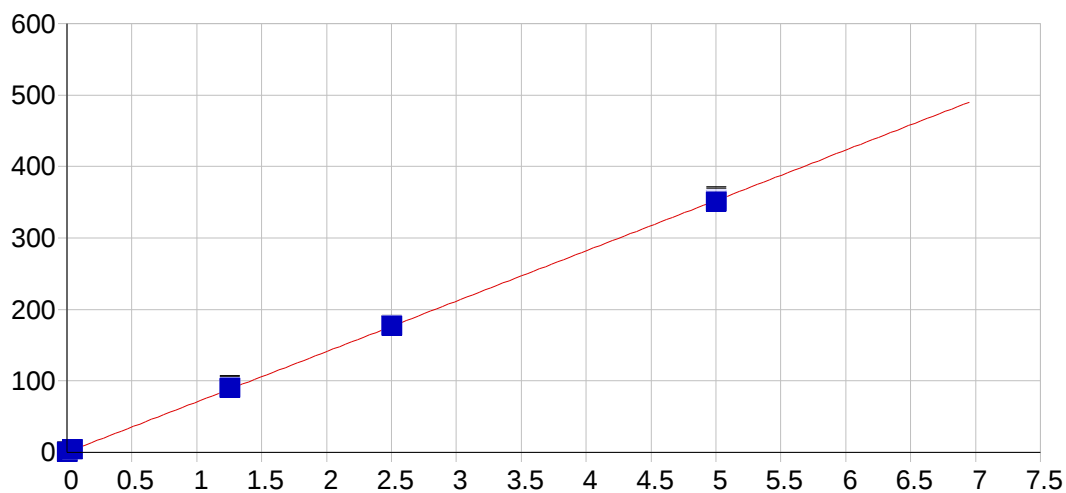


Zn 206.200 {163}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.058343 Re-Slope: 1.000000
 A1 (Gain): 23.913094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.007305
 Predicted MDL: 0.000508
 Predicted MQL: 0.001695

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05826	.009	1
S1	.04000	.04288	.003	7.20	1.0900	.023	1
S3	1.2500	1.2753	.025	2.03	30.736	.804	1
S4	2.5000	2.5216	.022	.862	60.718	.274	1
S5	5.0000	4.9502	-.050	-.995	119.16	1.18	1

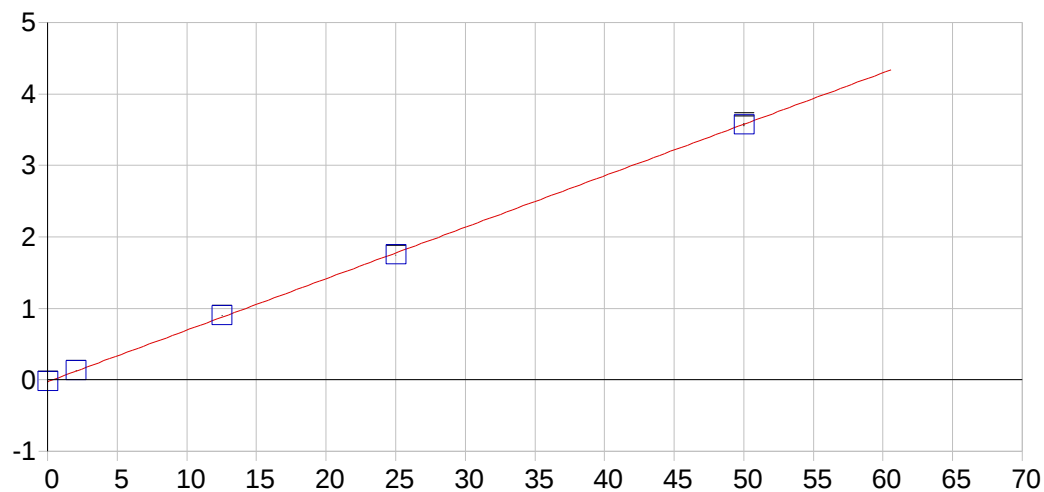


Zn 213.856 {458}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.195605 Re-Slope: 1.000000
 A1 (Gain): 70.457192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.017281
 Predicted MDL: 0.000091
 Predicted MQL: 0.000302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.19532	.008	1
S1	.04000	.04350	.004	8.76	3.2792	.047	1
S3	1.2500	1.2737	.024	1.90	90.469	2.67	1
S4	2.5000	2.4999	-.000	-.004	177.40	.359	1
S5	5.0000	4.9729	-.027	-.542	352.70	5.01	1



K 766.490 {44}

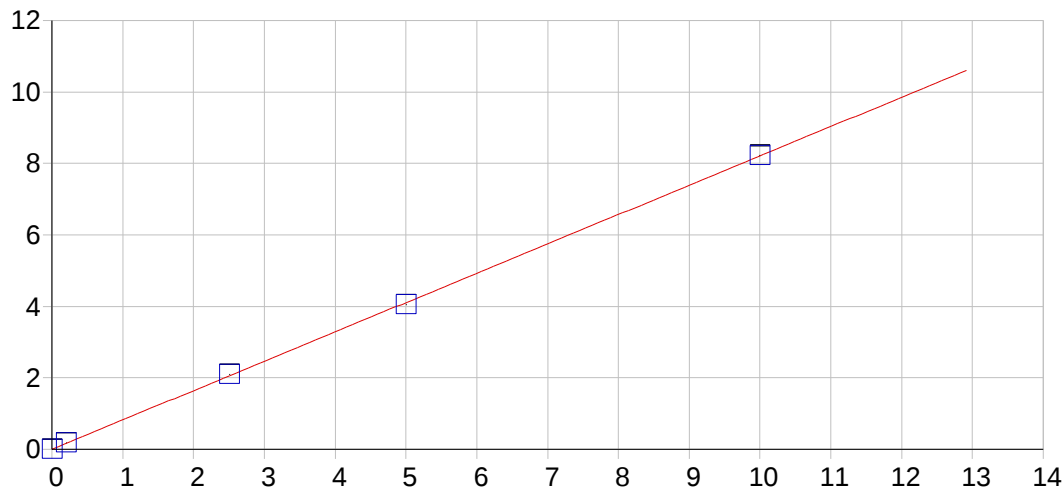
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.025557 Re-Slope: 1.000000
 A1 (Gain): 0.072023 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000669
 Predicted MDL: 0.042161
 Predicted MQL: 0.140535

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1553	.155	7.77	.12967	.001	1
S0	.00000	-.00017	-.000	.000	-.02557	.001	1
S3	12.500	12.802	.302	2.42	.89650	.001	1
S4	25.000	24.599	-.401	-1.60	1.7461	.007	1
S5	50.000	49.943	-.057	-.113	3.5715	.020	1



Mo 202.030 {467}

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

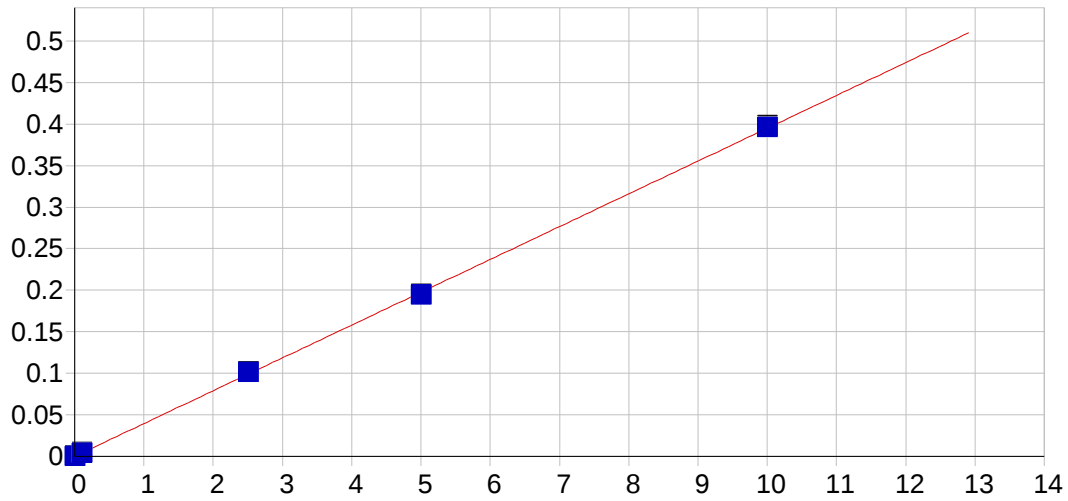
Weighting: 1/Conc

A0 (Offset): 0.000519
 A1 (Gain): 0.821031
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000730
 Predicted MDL: 0.000325
 Predicted MQL: 0.001085

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	.00051	.000	1
S1	.20000	.20819	.008	4.09	.17145	.001	1
S3	2.5000	2.5516	.052	2.06	2.0954	.006	1
S4	5.0000	4.9304	-.070	-1.39	4.0486	.002	1
S5	10.000	10.010	.010	.098	8.2189	.017	1

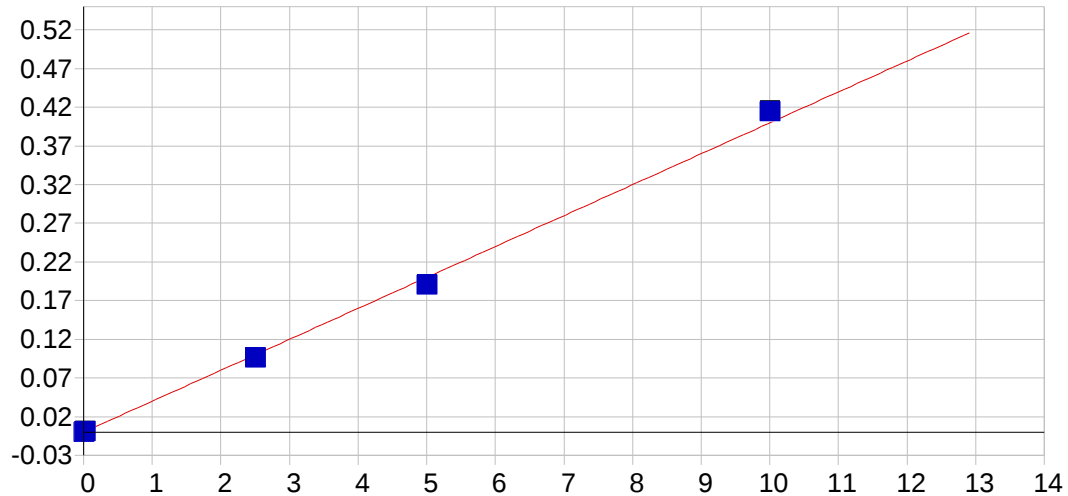


B 249.678 {135}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.039493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.008983
 Predicted MQL: 0.029944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00004	.000	1
S1	.10000	.10539	.005	5.39	.00419	.000	1
S3	2.5000	2.5511	.051	2.04	.10056	.001	1
S4	5.0000	4.9197	-.080	-1.61	.19388	.001	1
S5	10.000	10.024	.024	.238	.39499	.003	1



S 182.034 {485}

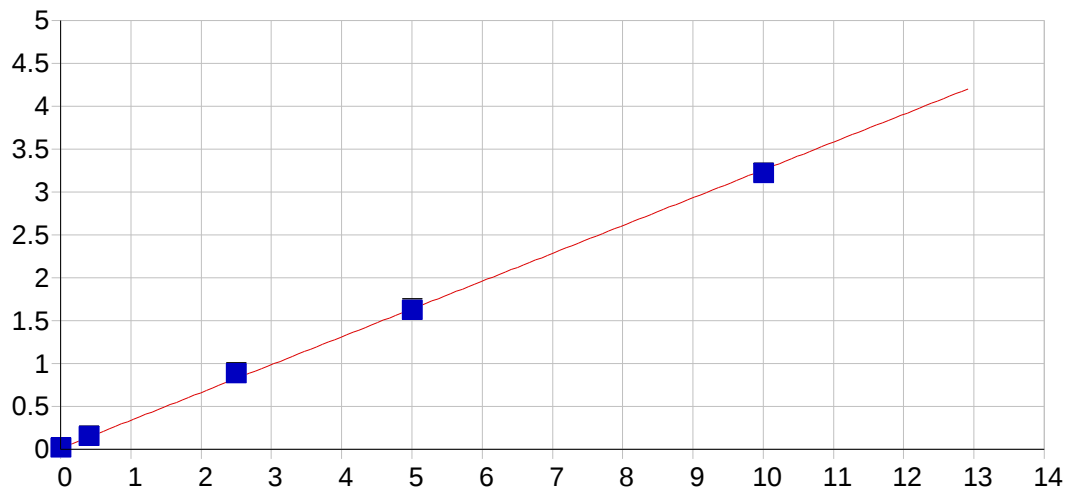
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.039978 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999125
 Std Error of Est: 0.000040
 Predicted MDL: 0.003433
 Predicted MQL: 0.011444

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00000	.000	1
S1	.02000	.01582	-.004	-20.9	.00061	.000	1
S3	2.5000	2.3909	-.109	-4.36	.09547	.000	1
S4	5.0000	4.7539	-.246	-4.92	.18983	.000	1
S5	10.000	10.359	.359	3.59	.41369	.001	1



Si 288.158 {117}

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

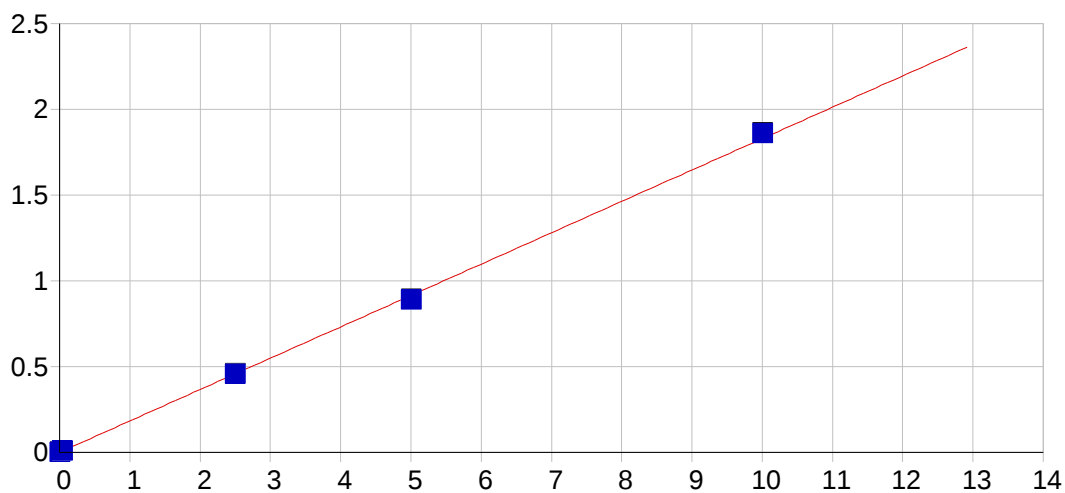
Weighting: 1/Conc

A0 (Offset): 0.013724
 A1 (Gain): 0.324389
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999588
 Std Error of Est: 0.001016
 Predicted MDL: 0.003207
 Predicted MQL: 0.010688

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01372	.001	1
S1	.40000	.40693	.007	1.73	.14562	.000	1
S3	2.5000	2.6757	.176	7.03	.88125	.009	1
S4	5.0000	4.9510	-.049	-9.80	1.6189	.012	1
S5	10.000	9.8664	-.134	-1.34	3.2125	.002	1

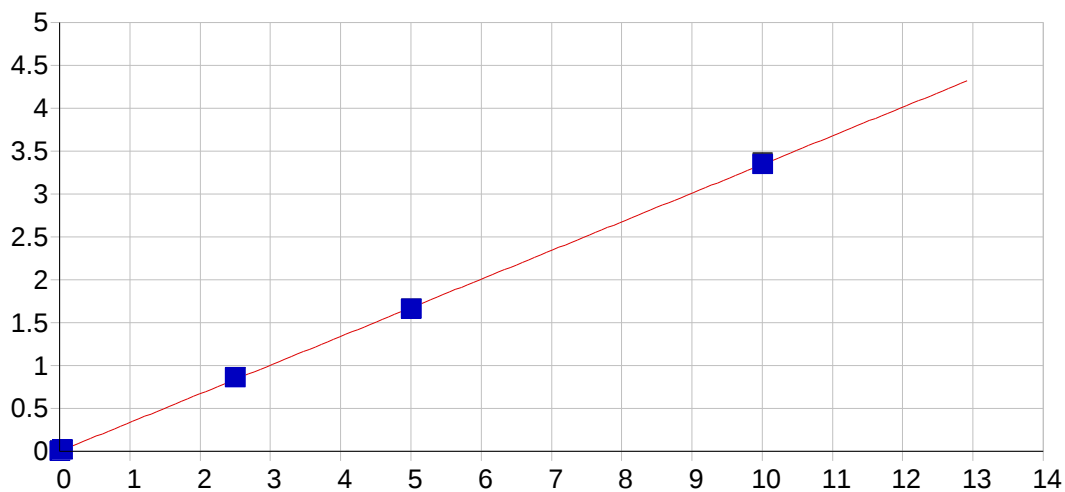


Sn 189.989 {477}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.182885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000781
 Predicted MQL: 0.002604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.04000	.04166	.002	4.14	.00798	.000	1
S3	2.5000	2.4929	-.007	-.286	.45635	.001	1
S4	5.0000	4.8522	-.148	-2.96	.88791	.004	1
S5	10.000	10.153	.153	1.53	1.8576	.004	1



Ti 336.121 {100}

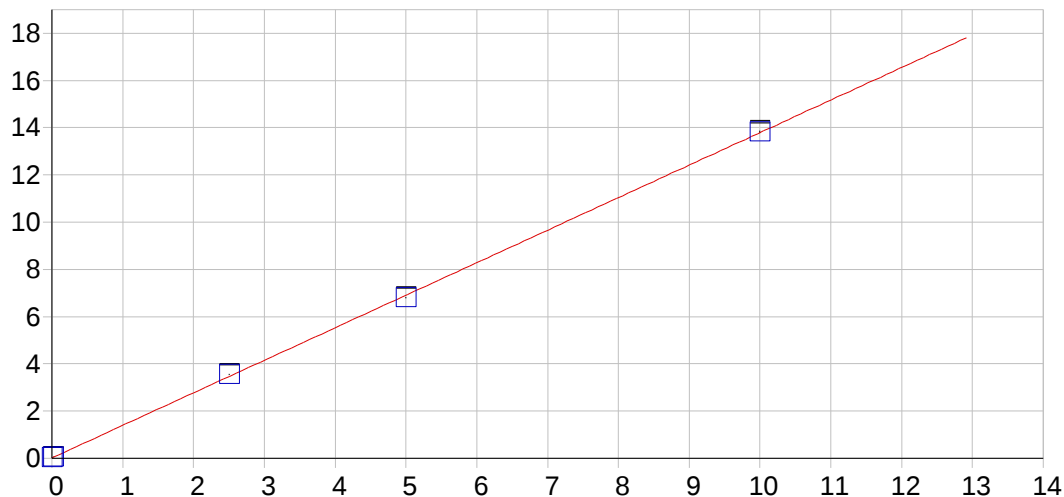
Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001735 Re-Slope: 1.000000
 A1 (Gain): 0.334253 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000127
 Predicted MDL: 0.002053
 Predicted MQL: 0.006843

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00173	.000	1
S1	.04000	.04457	.005	11.4	.01663	.000	1
S3	2.5000	2.5515	.052	2.06	.85448	.002	1
S4	5.0000	4.9457	-.054	-1.09	1.6546	.004	1
S5	10.000	9.9982	-.002	-.018	3.3432	.012	1



Li 670.784 { 50}

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

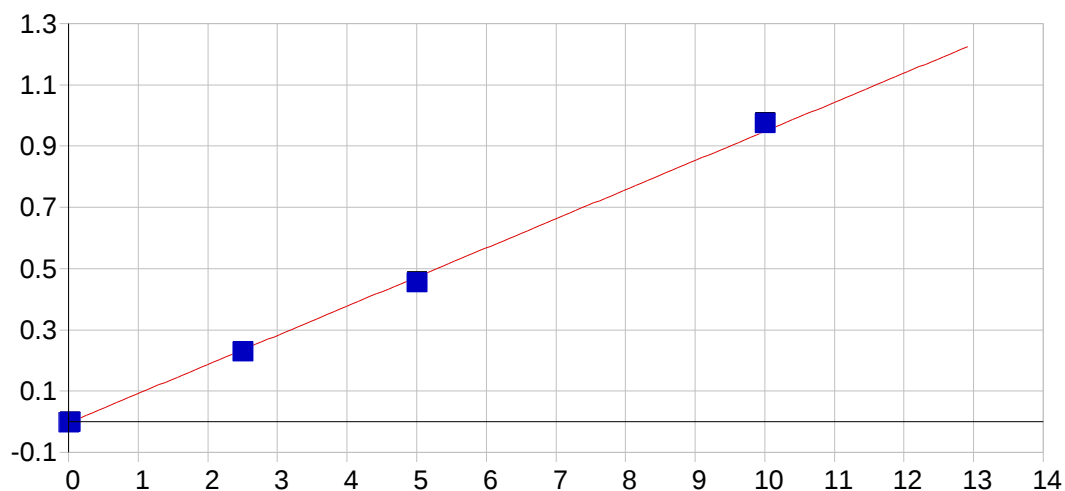
Weighting: 1/Conc

A0 (Offset): 0.017477
 A1 (Gain): 1.377757
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000404
 Predicted MDL: 0.002106
 Predicted MQL: 0.007019

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	.01748	.000	1
S1	.02000	.02103	.001	5.15	.04645	.002	1
S3	2.5000	2.5566	.057	2.26	3.5398	.028	1
S4	5.0000	4.9222	-.078	-1.56	6.7990	.022	1
S5	10.000	10.020	.020	.202	13.823	.051	1



P 177.495 {490}

Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003190 Re-Slope: 1.000000
 A1 (Gain): 0.095111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999492 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001685
 Predicted MQL: 0.005616

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00319	.000	1
S1	.02000	.02070	.001	3.50	-.00123	.000	1
S3	2.5000	2.4248	-.075	-3.01	.22709	.001	1
S4	5.0000	4.8005	-.199	-3.99	.45270	.002	1
S5	10.000	10.274	.274	2.74	.97260	.002	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

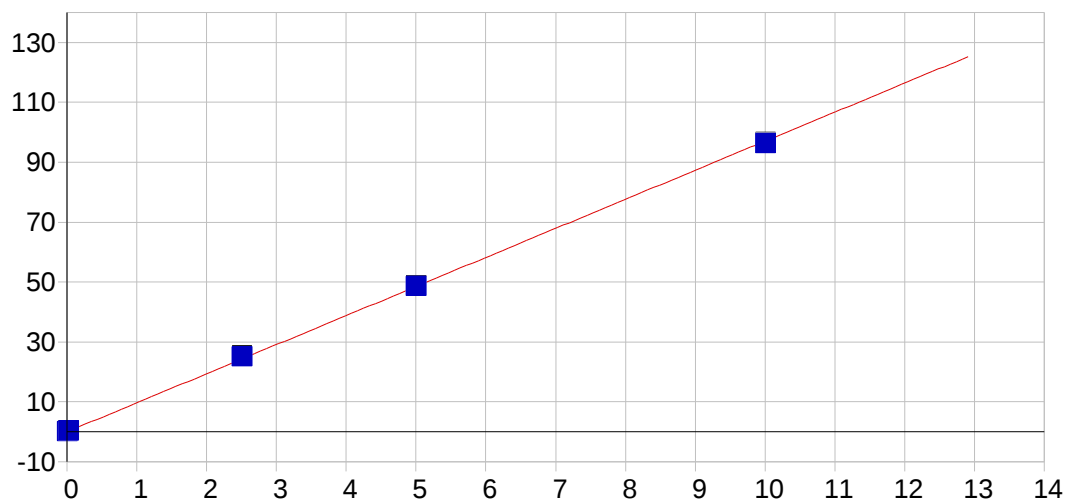
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 11/9/2018 11:25:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006252

Re-Slope: 1.000000

A1 (Gain): 9.703716

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999908

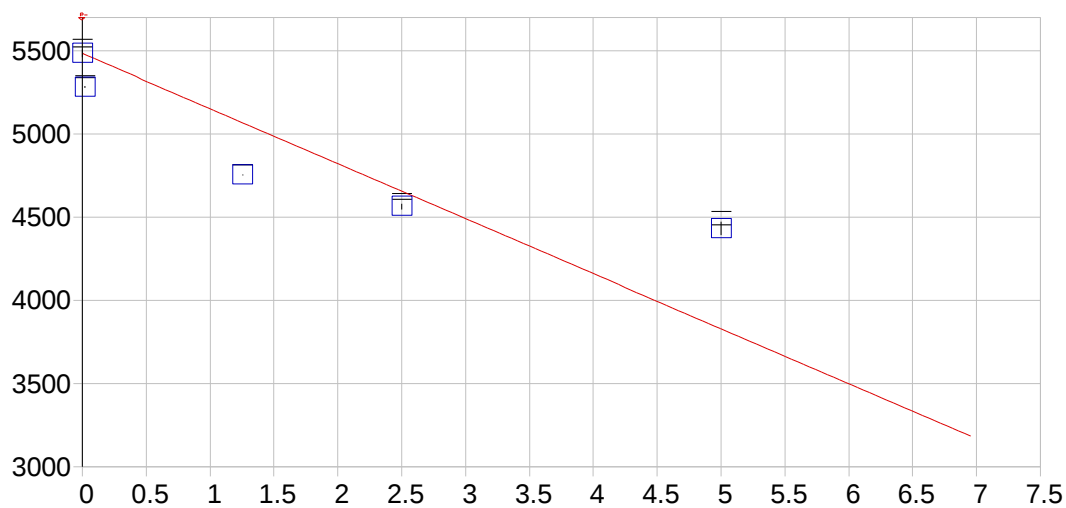
Status: OK.

Std Error of Est: 0.003181

Predicted MDL: 0.000125

Predicted MQL: 0.000417

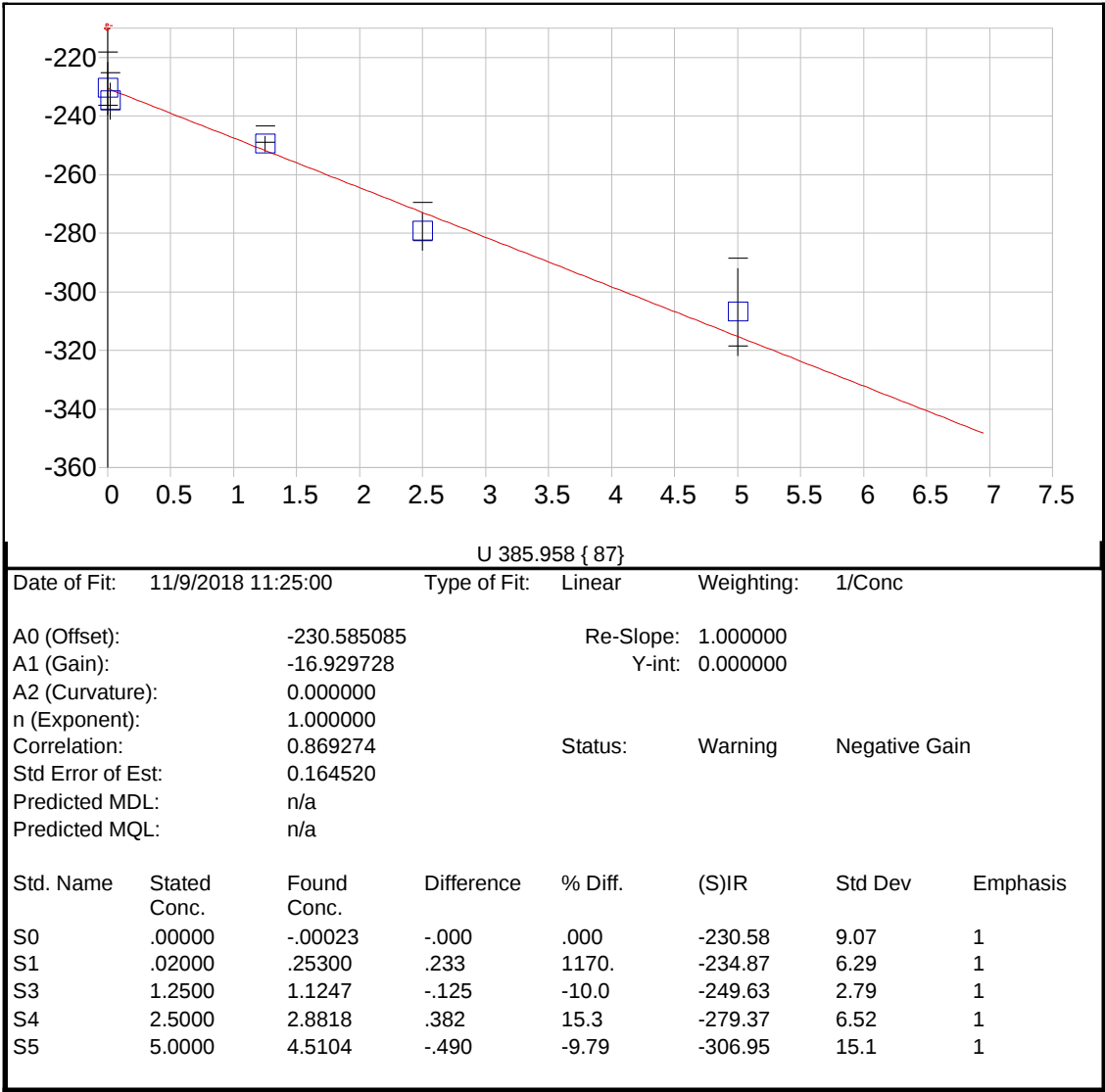
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00627	.000	1
S1	.02000	.02117	.001	5.84	.20022	.002	1
S3	2.5000	2.5799	.080	3.20	25.056	.190	1
S4	5.0000	4.9963	-.004	-.073	48.530	.198	1
S5	10.000	9.9225	-.077	-.775	96.386	.203	1



Date of Fit: 11/9/2018 11:25:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5483.124048 Re-Slope: 1.000000
A1 (Gain): -330.678921 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.563155 Status: Warning Negative Gain
Std Error of Est: 8.291845
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00060	-.001	.000	5483.3	23.4	1
S1	.02000	.61065	.591	2950.	5281.2	6.18	1
S3	1.2500	2.2031	.953	76.2	4754.6	.852	1
S4	2.5000	2.7778	.278	11.1	4564.6	17.4	1
S5	5.0000	3.1785	-1.82	-36.4	4432.1	40.3	1



Sample Name: S0 Acquired: 11/8/2018 11:29:05 Type: Cal
Method: P4-ICP2(v2557) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00010	-.00060	.00281	-.00008	.00072	-.00007	.09354	.00012
Stddev	.00002	.00009	.00010	.00012	.00049	.00005	.00396	.00011
%RSD	23.767	15.774	3.7313	159.76	68.052	67.583	4.2354	91.718
#1	-.00012	-.00066	.00289	-.00016	.00037	-.00004	.09634	.00020
#2	-.00009	-.00053	.00274	.00001	.00106	-.00010	.09074	.00004
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	-.00085	.00025	.00008	.00001	-.00057	.03203	.00021	-.00014
Stddev	.00001	.00065	.00003	.00007	.00012	.00290	.00002	.00008
%RSD	1.4024	261.01	30.319	827.88	20.783	9.0422	7.1241	60.634
#1	-.00086	.00070	.00010	.00006	-.00048	.02998	.00020	-.00008
#2	-.00084	-.00021	.00007	-.00004	-.00065	.03407	.00022	-.00020
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	-.00524	.00009	.01169	-.00008	.19532	-.02557	.00051	.00004
Stddev	.00004	.00011	.00150	.00000	.00808	.00098	.00013	.00002
%RSD	.81200	127.08	12.807	2.7389	4.1377	3.8493	26.168	47.026
#1	-.00527	.00001	.01275	-.00008	.20103	-.02487	.00061	.00003
#2	-.00521	.00016	.01063	-.00009	.18961	-.02627	.00042	.00006
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	-.00000	.01372	.00036	.00173	.01748	-.0032	-.00627	5483.3
Stddev	.00009	.00054	.00006	.00018	.00044	.0000	.00042	23.4
%RSD	4706.1	3.9600	16.845	10.161	2.5357	1.559	6.7446	.42627
#1	-.00006	.01410	.00041	.00161	.01716	-.0032	-.00597	5466.8
#2	.00006	.01333	.00032	.00186	.01779	-.0032	-.00657	5499.9

Sample Name: S0 Acquired: 11/8/2018 11:29:05 Type: Cal
Method: P4-ICP2(v2557) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-230.58
Stddev	9.07
%RSD	3.9349

#1	-224.17
#2	-237.00

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.5	66935.	5081.0	145.28	4332.6
Stddev	13.0	161.	6.5	1.03	17.1
%RSD	.41477	.24036	.12848	.70980	.39497

#1	3129.3	66821.	5076.4	144.55	4320.5
#2	3147.7	67049.	5085.7	146.01	4344.7

Sample Name: S1 Acquired: 11/8/2018 11:33:07 Type: Cal
Method: P4-ICP2(v2557) 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	.00155	.00596	.00617	.00126	.01028	.00064	.55855	.00441
Stddev	.00010	.00014	.00026	.00005	.00003	.00004	.00589	.00004
%RSD	6.3880	2.4183	4.1889	4.2859	.28471	6.6457	1.0538	.88002

#1	.00162	.00606	.00635	.00122	.01030	.00061	.56271	.00439
#2	.00148	.00586	.00598	.00130	.01026	.00067	.55438	.00444

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	.01786	.00155	.03680	.01661	.17439	.02287	.01717	.00163
Stddev	.00021	.00005	.00023	.00030	.02204	.00010	.00027	.00005
%RSD	1.1641	2.9129	.62654	1.8031	12.641	.42797	1.5533	2.9315

#1	.01771	.00158	.03664	.01682	.15881	.02280	.01698	.00160
#2	.01800	.00152	.03696	.01639	.18998	.02294	.01736	.00167

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	.00570	3.2792	.17145	.00419	.00061	.14562	.00798	.01663
Stddev	.00001	.0467	.00106	.00026	.00008	.00002	.00011	.00043
%RSD	.17538	1.4248	.61607	6.2129	12.903	.01064	1.3630	2.6008

#1	.00571	3.2462	.17070	.00437	.00066	.14563	.00806	.01632
#2	.00569	3.3122	.17220	.00401	.00055	.14561	.00790	.01693

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04645	-.0012	.20022	5281.2	-234.87
Stddev	.00195	.0002	.00181	6.2	6.29
%RSD	4.2080	12.31	.90233	.11709	2.6787

#1	.04507	-.0011	.20150	5276.8	-230.42
#2	.04783	-.0013	.19895	5285.6	-239.32

Sample Name: S1 Acquired: 11/8/2018 11:33:07 Type: Cal
Method: P4-ICP2(v2557) 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	3162.4	66433.	5151.7	145.97	4332.4
Stddev	12.5	3.	40.2	1.73	6.1
%RSD	.39472	.00461	.78018	1.1828	.14119
#1	3153.6	66431.	5123.3	147.19	4328.1
#2	3171.3	66436.	5180.1	144.75	4336.7

Sample Name: S2 Acquired: 11/8/2018 11:37:10 Type: Cal
Method: P4-ICP2(v2557) 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	.09428	.02682	.51296	.12967
Stddev	.00068	.00021	.00473	.00061
%RSD	.71655	.79149	.92179	.46990

#1	.09475	.02667	.51630	.12924
#2	.09380	.02697	.50961	.13011

Int. Std.	Y_3710
Units	Cts/S
Avg	5043.1
Stddev	1.2
%RSD	.02457

#1	5042.2
#2	5044.0

Sample Name: S3 Acquired: 11/8/2018 11:41:06 Type: Cal
Method: P4-ICP2(v2557) 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	.24449	.38615	.73107	.17093	.45002	.03215	22.102	.09011
Stddev	.00120	.00207	.00000	.00116	.00173	.00018	.161	.00012
%RSD	.49000	.53656	.00004	.68120	.38391	.55945	.72705	.13318

#1	.24534	.38469	.73107	.17176	.45124	.03227	21.989	.09003
#2	.24365	.38762	.73107	.17011	.44880	.03202	22.216	.09020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0593	.56085	.07480	1.4236	.50185	3.5071	1.3277	.16037
Stddev	.0051	.00182	.00018	.0040	.00090	.1160	.0001	.00070
%RSD	.12607	.32433	.24471	.27801	.17984	3.3067	.00963	.43934

#1	4.0557	.55956	.07493	1.4208	.50249	3.4251	1.3277	.15987
#2	4.0629	.56214	.07467	1.4264	.50121	3.5891	1.3278	.16087

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	.65275	.09667	2.9593	.17001	90.469	.89650	2.0954	.10056
Stddev	.00083	.00021	.0169	.00068	2.669	.00096	.0063	.00077
%RSD	.12769	.21850	.57222	.39990	2.9500	.10726	.29813	.76106

#1	.65216	.09682	2.9473	.17049	88.582	.89582	2.0999	.10002
#2	.65334	.09652	2.9713	.16953	92.356	.89718	2.0910	.10111

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	.09547	.88125	.45635	.85448	3.5398	.2271	25.056	4754.6
Stddev	.00046	.00875	.00126	.00208	.0284	.0008	.190	.9
%RSD	.48365	.99295	.27677	.24361	.80228	.3358	.75746	.01793

#1	.09514	.87507	.45546	.85300	3.5198	.2266	24.921	4754.0
#2	.09580	.88744	.45724	.85595	3.5599	.2276	25.190	4755.2

Sample Name: S3 Acquired: 11/8/2018 11:41:06 Type: Cal
Method: P4-ICP2(v2557) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-249.63
Stddev	2.79
%RSD	1.1177

#1	-247.65
#2	-251.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.1	63289.	5055.4	136.80	3923.4
Stddev	22.0	116.	19.1	3.46	12.5
%RSD	.72037	.18374	.37801	2.5300	.31978

#1	3031.6	63207.	5068.9	139.25	3914.6
#2	3062.7	63372.	5041.9	134.36	3932.3

Sample Name: S4 Acquired: 11/8/2018 11:44:51 Type: Cal
Method: P4-ICP2(v2557) 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	.47572	.74426	1.4139	.33298	.87359	.06269	42.788	.17298
Stddev	.00016	.00404	.0024	.00025	.00103	.00077	.101	.00031
%RSD	.03274	.54225	.17286	.07585	.11794	1.2299	.23661	.18022
#1	.47561	.74140	1.4122	.33280	.87432	.06215	42.859	.17276
#2	.47583	.74711	1.4156	.33315	.87287	.06324	42.716	.17320
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	7.9547	1.0709	.14429	2.7845	.95896	6.8325	2.5382	.30627
Stddev	.0228	.0034	.00045	.0040	.00085	.0660	.0071	.00046
%RSD	.28708	.31980	.30973	.14320	.08867	.96637	.28127	.14879
#1	7.9386	1.0685	.14397	2.7816	.95956	6.7858	2.5332	.30595
#2	7.9709	1.0733	.14461	2.7873	.95836	6.8792	2.5433	.30659
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	1.2729	.18588	5.6900	.32854	177.40	1.7461	4.0486	.19388
Stddev	.0014	.00054	.0192	.00023	.36	.0070	.0020	.00065
%RSD	.11106	.29065	.33769	.06886	.20222	.39981	.05007	.33695
#1	1.2719	.18550	5.7036	.32838	177.14	1.7511	4.0471	.19341
#2	1.2739	.18626	5.6764	.32870	177.65	1.7412	4.0500	.19434
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	.18983	1.6189	.88791	1.6546	6.7990	.4527	48.530	4564.6
Stddev	.00026	.0121	.00420	.0040	.0223	.0022	.198	17.4
%RSD	.13442	.74791	.47297	.24416	.32838	.4875	.40822	.38043
#1	.18964	1.6275	.88494	1.6575	6.8148	.4511	48.670	4576.8
#2	.19001	1.6103	.89088	1.6518	6.7832	.4543	48.390	4552.3

Sample Name: S4 Acquired: 11/8/2018 11:44:51 Type: Cal
Method: P4-ICP2(v2557) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-279.37
Stddev	6.52
%RSD	2.3350

#1	-283.99
#2	-274.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.1	62566.	5030.2	132.67	3786.9
Stddev	11.8	63.	45.2	.12	5.0
%RSD	.39445	.10029	.89855	.08762	.13246

#1	2993.7	62521.	4998.3	132.59	3783.3
#2	3010.4	62610.	5062.2	132.75	3790.4

Sample Name: S5 Acquired: 11/8/2018 11:48:36 Type: Cal
Method: P4-ICP2(v2557) 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	.98346	1.5305	2.9473	.68517	1.7895	.12933	85.085	.35177
Stddev	.00059	.0032	.0044	.00096	.0017	.00139	.721	.00131
%RSD	.06014	.21087	.14825	.13972	.09616	1.0773	.84791	.37103

#1	.98388	1.5283	2.9442	.68585	1.7907	.12834	84.575	.35085
#2	.98304	1.5328	2.9504	.68450	1.7883	.13031	85.596	.35270

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	16.688	2.1600	.28978	5.8384	1.9286	13.943	5.0850	.62150
Stddev	.017	.0130	.00034	.0048	.0073	.042	.0029	.00388
%RSD	.09934	.60234	.11565	.08152	.38062	.29786	.05763	.62429

#1	16.676	2.1508	.28955	5.8351	1.9338	13.973	5.0829	.61875
#2	16.700	2.1692	.29002	5.8418	1.9234	13.914	5.0870	.62424

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	2.6596	.37890	11.605	.66970	352.70	3.5715	8.2189	.39499
Stddev	.0052	.00034	.051	.00001	5.01	.0204	.0174	.00255
%RSD	.19479	.09015	.44029	.00149	1.4195	.57040	.21123	.64531

#1	2.6559	.37866	11.569	.66971	356.24	3.5571	8.2312	.39319
#2	2.6633	.37915	11.641	.66969	349.16	3.5859	8.2066	.39679

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	.41369	3.2125	1.8576	3.3432	13.823	.9726	96.386	4432.1
Stddev	.00083	.0017	.0039	.0122	.051	.0020	.203	40.3
%RSD	.19946	.05295	.21194	.36514	.37140	.2100	.21106	.90829

#1	.41311	3.2138	1.8548	3.3346	13.787	.9712	96.242	4403.6
#2	.41427	3.2113	1.8604	3.3519	13.859	.9740	96.530	4460.5

Sample Name: S5 Acquired: 11/8/2018 11:48:36 Type: Cal
Method: P4-ICP2(v2557) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-306.95
Stddev	15.07
%RSD	4.9090

#1	-296.29
#2	-317.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2899.0	61116.	4990.6	130.52	3506.6
Stddev	13.3	96.	23.1	2.02	2.5
%RSD	.45885	.15664	.46241	1.5442	.07137

#1	2889.6	61048.	4974.2	129.10	3504.9
#2	2908.4	61183.	5006.9	131.95	3508.4

Sample Name: ICV01 Acquired: 11/8/2018 12:12:30 Type: Unk
Method: P4-ICP2(v2557) 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	1.0127	1.0405	1.0043	1.0179	1.0039	2.5719	.51547	.49377
Stddev	.0014	.0013	.0023	.0032	.0023	.0017	.00311	.00255
%RSD	.13366	.12499	.22735	.30976	.22487	.06479	.60416	.51618
#1	1.0118	1.0396	1.0027	1.0156	1.0055	2.5731	.51767	.49558
#2	1.0137	1.0415	1.0060	1.0201	1.0023	2.5707	.51327	.49197
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48840	10.456	.51199	.50183	.51133	5.1511	.52267	6.1644
Stddev	.00025	.073	.00014	.00074	.00074	.0544	.00069	.0425
%RSD	.05055	.70097	.02669	.14737	.14399	1.0553	.13215	.68944
#1	.48857	10.508	.51208	.50235	.51185	5.1126	.52316	6.1945
#2	.48822	10.404	.51189	.50130	.51080	5.1895	.52218	6.1344
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50560	.51630	10.156	.51039	1.0337	10.249	2.7434	2.7407
Stddev	.00073	.00165	.049	.00053	.0134	.112	.0108	.0142
%RSD	.14383	.32045	.48478	.10296	1.2992	1.0952	.39344	.51846
#1	.50611	.51513	10.191	.51002	1.0242	10.329	2.7510	2.7508
#2	.50508	.51747	10.122	.51076	1.0432	10.170	2.7357	2.7307
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4692	2.6420	2.7059	2.6248	2.3338	2.545	2.4126	F 2.3089
Stddev	.0115	.0228	.0024	.0113	.0030	.006	.0009	.0312
%RSD	.46657	.86210	.08674	.42993	.12734	.2181	.03648	1.3524
#1	2.4773	2.6581	2.7076	2.6327	2.3359	2.549	2.4120	2.3310
#2	2.4610	2.6259	2.7043	2.6168	2.3317	2.541	2.4132	2.2868

Sample Name: ICV01 Acquired: 11/8/2018 12:12:30 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9909
Stddev	.3509
%RSD	17.624

#1	2.2390
#2	1.7428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.1	64058.	5128.3	136.85	3994.0
Stddev	19.6	114.	31.1	1.41	17.9
%RSD	.64215	.17842	.60661	1.0273	.44829

#1	3041.2	63977.	5106.3	137.85	3981.4
#2	3068.9	64139.	5150.3	135.86	4006.7

Sample Name: LLICV01 Acquired: 11/8/2018 12:20:02 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01980	.04318	.01286	.02243	.05700	.11099	.11163
Stddev	.00322	.00016	.00054	.00249	.00175	.00038	.00012
%RSD	16.245	.36927	4.1885	11.097	3.0710	.34101	.10393

#1	.02207	.04307	.01324	.02067	.05824	.11072	.11172
#2	.01752	.04329	.01248	.02419	.05577	.11126	.11155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	.00596	2.1769	.01093	.03372	.01937	.11005
Stddev	.00004	.00004	.0150	.00032	.00044	.00003	.00560
%RSD	.58887	.67003	.68668	2.9122	1.2973	.14931	5.0866

#1	.00637	.00594	2.1664	.01116	.03341	.01939	.11401
#2	.00642	.00599	2.1875	.01071	.03403	.01935	.10609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02335	2.2491	.04426	.01135	2.1776	.04627	.04494
Stddev	.00010	.0046	.00028	.00037	.0042	.00097	.00064
%RSD	.44505	.20555	.63586	3.2827	.19414	2.0919	1.4208

#1	.02327	2.2458	.04446	.01109	2.1806	.04559	.04540
#2	.02342	2.2523	.04406	.01161	2.1746	.04696	.04449

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1521	.21440	.10564	.02003	.42345	.04443	.03617
Stddev	.0129	.00016	.00118	.00380	.00370	.00011	.00088
%RSD	.60146	.07431	1.1199	18.989	.87299	.24609	2.4259

#1	2.1429	.21451	.10481	.01734	.42083	.04451	.03555
#2	2.1612	.21429	.10648	.02272	.42606	.04436	.03679

Sample Name: LLICV01 Acquired: 11/8/2018 12:20:02 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02086	.0187	.02213	F 1.6698	F<.00000
Stddev	.00032	.0005	.00006	.1865	.67659
%RSD	1.5180	2.619	.25251	11.169	295.79

#1	.02063	.0183	.02217	1.8017	-.70716
#2	.02108	.0190	.02209	1.5379	.24968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.1	66037.	5273.3	146.60	4281.4
Stddev	5.0	100.	10.9	1.99	.6
%RSD	.15850	.15198	.20656	1.3545	.01366

#1	3143.6	65966.	5281.0	145.20	4280.9
#2	3150.7	66108.	5265.6	148.01	4281.8

Sample Name: ICB01 Acquired: 11/8/2018 12:24:03 Type: Unk
Method: P4-ICP2(v2557) 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	-.00059	-.00037	-.00071	.00075	-.00102	-.00143	-.00071	-.00012
Stddev	.00121	.00004	.00095	.00264	.00195	.00796	.00069	.00005
%RSD	203.78	10.101	133.20	352.84	191.41	556.02	97.355	40.049
#1	.00026	-.00034	-.00138	.00262	.00036	-.00706	-.00119	-.00009
#2	-.00145	-.00039	-.00004	-.00112	-.00239	.00420	-.00022	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.02003	-.00033	-.00023	-.00018	.00010	-.00009	-.00836
Stddev	.00010	.00223	.00006	.00006	.00037	.00324	.00002	.01651
%RSD	1478.1	11.116	16.801	27.872	209.52	3334.8	26.125	197.47
#1	-.00008	.02161	-.00037	-.00018	-.00044	-.00220	-.00011	.00331
#2	.00007	.01846	-.00030	-.00027	.00009	.00239	-.00008	-.02004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00060	-.02388	.00021	-.00010	.02265	-.00061	.00299
Stddev	.00008	.00006	.00965	.00016	.00005	.01017	.00007	.00396
%RSD	23.318	10.526	40.435	76.334	48.129	44.920	11.372	132.23
#1	.00040	.00055	-.01705	.00032	-.00007	.02985	-.00056	.00019
#2	.00029	.00064	-.03070	.00010	-.00014	.01546	-.00066	.00579
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00262	.00135	-.00046	.00020	-.00058	.0000	.00007	F 1.5321
Stddev	.00264	.00187	.00010	.00167	.00049	.0004	.00007	.0863
%RSD	100.69	138.69	21.002	846.18	84.631	4522.	103.33	5.6321
#1	-.00448	.00267	-.00053	-.00098	-.00023	-.0003	.00012	1.4711
#2	-.00075	.00003	-.00039	.00137	-.00093	.0003	.00002	1.5931

Sample Name: ICB01 Acquired: 11/8/2018 12:24:03 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .12197
Stddev	.49760
%RSD	407.96

#1	.47383
#2	-.22988

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.8	66913.	5297.5	143.95	4361.8
Stddev	6.4	227.	50.3	1.28	7.8
%RSD	.20225	.33946	.94929	.88831	.17889

#1	3180.4	67073.	5261.9	143.04	4356.3
#2	3171.3	66752.	5333.0	144.85	4367.3

Sample Name: CRI01 Acquired: 11/8/2018 12:32:14 Type: Unk
Method: P4-ICP2(v2557) 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	.01918	.04295	.01262	.01975	.05566	.11274	.10870	.00625
Stddev	.00091	.00151	.00021	.00238	.00182	.00005	.00080	.00019
%RSD	4.7194	3.5171	1.6347	12.069	3.2631	.04278	.73994	3.0019
#1	.01854	.04402	.01247	.01807	.05694	.11270	.10813	.00638
#2	.01982	.04188	.01277	.02144	.05437	.11277	.10927	.00611
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.1877	.01044	.03306	.01906	.09924	.02274	2.1996
Stddev	.00003	.0105	.00045	.00007	.00003	.00114	.00038	.0086
%RSD	.55916	.48198	4.2662	.20350	.17859	1.1508	1.6663	.39027
#1	.00583	2.1952	.01075	.03310	.01908	.09843	.02301	2.1935
#2	.00588	2.1803	.01012	.03301	.01903	.10004	.02247	2.2057
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04414	.01101	2.1447	.04490	.04455	2.1859	.21087	.11140
Stddev	.00021	.00011	.0009	.00082	.00010	.0089	.00130	.00453
%RSD	.48493	1.0148	.04358	1.8356	.23384	.40675	.61422	4.0673
#1	.04429	.01094	2.1440	.04548	.04462	2.1796	.21178	.10819
#2	.04399	.01109	2.1454	.04432	.04447	2.1922	.20995	.11460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01720	.41832	.04278	.03705	.02086	.0200	.02199	F 1.2969
Stddev	.00284	.00000	.00052	.00107	.00145	.0015	.00002	.5220
%RSD	16.483	.00080	1.2075	2.8811	6.9560	7.428	.09803	40.248
#1	.01921	.41832	.04314	.03781	.01983	.0210	.02197	1.6659
#2	.01520	.41832	.04241	.03630	.02188	.0189	.02200	.92777

Sample Name: CRI01 Acquired: 11/8/2018 12:32:14 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .62016
Stddev	.04337
%RSD	6.9926

#1	.58950
#2	.65082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.8	67324.	5297.2	147.09	4321.7
Stddev	12.3	1294.	10.2	.77	13.1
%RSD	.38691	1.9214	.19204	.52079	.30344

#1	3165.1	66410.	5304.4	147.63	4312.4
#2	3182.5	68239.	5290.0	146.55	4330.9

Sample Name: ICSA01 Acquired: 11/8/2018 12:36:16 Type: Unk
 Method: P4-ICP2(v2557) 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	-.01061	-.01100	-.00728	.00128	.00208	297.38	.00644	-.00149
Stddev	.00288	.00185	.00013	.00070	.00128	.48	.00007	.00010
%RSD	27.174	16.800	1.8197	54.659	61.722	.16226	1.0808	6.5556
#1	-.00857	-.00969	-.00719	.00177	.00117	297.04	.00639	-.00142
#2	-.01265	-.01231	-.00737	.00078	.00298	297.72	.00649	-.00156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	270.85	.06068	-.00093	-.00059	108.54	.01236	280.54
Stddev	.00011	.74	.00023	.00004	.00047	.92	.00026	1.07
%RSD	17.858	.27288	.37698	4.7545	78.964	.84900	2.0873	.38110
#1	-.00070	271.37	.06084	-.00090	-.00092	109.20	.01255	281.30
#2	-.00054	270.33	.06052	-.00096	-.00026	107.89	.01218	279.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00400	-.00077	.01996	.00189	.00015	.03430	-.00053	.03635
Stddev	.00030	.00052	.00081	.00010	.00009	.02399	.00025	.00432
%RSD	7.5177	67.494	4.0666	5.1828	60.112	69.965	48.267	11.874
#1	-.00421	-.00040	.02053	.00196	.00021	.05126	-.00035	.03941
#2	-.00378	-.00114	.01938	.00182	.00008	.01733	-.00070	.03330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	.00047	.00427	.00231	.00705	-.0003	-.00224	F 3.7796
Stddev	.00206	.00059	.00082	.00032	.00216	.0027	.00054	.1237
%RSD	85.343	126.92	19.293	13.790	30.680	842.3	24.219	3.2717
#1	.00387	.00088	.00485	.00209	.00552	.0016	-.00262	3.6922
#2	.00096	.00005	.00369	.00254	.00858	-.0022	-.00186	3.8671

Sample Name: ICSA01 Acquired: 11/8/2018 12:36:16 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.4193
 Stddev .2519
 %RSD 17.745

#1 1.5974
 #2 1.2412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.7	57243.	4910.3	126.38	3320.7
Stddev	.6	5.	33.6	1.53	13.5
%RSD	.02339	.00879	.68361	1.2132	.40779

#1	2765.3	57240.	4886.5	125.29	3311.1
#2	2766.2	57247.	4934.0	127.46	3330.3

Sample Name: ICSAB01 Acquired: 11/8/2018 12:40:23 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09618	.09402	.04486	.05328	.63128	272.13	.52951	.55124
Stddev	.00220	.00081	.00039	.00748	.00054	.08	.00516	.00250
%RSD	2.2892	.85785	.87954	14.034	.08487	.02915	.97480	.45302

#1	.09774	.09345	.04514	.05857	.63090	272.19	.53316	.55300
#2	.09463	.09459	.04458	.04800	.63166	272.08	.52586	.54947

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0224	249.15	.58076	.50865	.48808	100.69	.53692	255.64
Stddev	.0009	.71	.00078	.00012	.00133	.18	.00209	2.75
%RSD	.09121	.28534	.13357	.02266	.27323	.17951	.38963	1.0746

#1	1.0217	249.65	.58021	.50873	.48903	100.82	.53840	257.58
#2	1.0231	248.64	.58131	.50857	.48714	100.56	.53544	253.70

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0074	.22223	.01609	.52372	1.0380	.02177	F 1.1167	F 1.1562
Stddev	.0005	.00087	.01283	.00159	.0096	.00293	.0075	.0213
%RSD	.05094	.38988	79.764	.30344	.92303	13.482	.67546	1.8382

#1	1.0070	.22284	.00701	.52485	1.0448	.02384	1.1113	1.1713
#2	1.0077	.22161	.02516	.52260	1.0312	.01969	1.1220	1.1412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.1261	F 1.0374	F 1.1537	F 1.0499	F 1.1891	F 1.454	F 1.0996	F 3.5168
Stddev	.0338	.0018	.0053	.0027	.0034	.007	.0023	.0259
%RSD	2.9977	.17359	.45800	.25765	.28284	.4915	.20800	.73528

#1	1.1500	1.0361	1.1500	1.0518	1.1868	1.449	1.0980	3.4985
#2	1.1023	1.0387	1.1574	1.0480	1.1915	1.459	1.1013	3.5351

Sample Name: ICSAB01 Acquired: 11/8/2018 12:40:23 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8899
Stddev .4126
%RSD 10.607

#1 3.5981
#2 4.1817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.2	59294.	5075.1	130.00	3430.6
Stddev	2.2	160.	41.2	1.25	2.3
%RSD	.07539	.26922	.81207	.96425	.06732

#1	2853.7	59181.	5046.0	129.11	3432.2
#2	2856.7	59407.	5104.3	130.89	3428.9

Sample Name: CCV01 Acquired: 11/8/2018 12:44:18 Type: Unk
Method: P4-ICP2(v2557) 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	5.0266	4.9152	4.9595	5.0229	4.9591	9.9008	9.8087	.25030
Stddev	.0058	.0097	.0037	.0171	.0093	.0204	.0851	.00007
%RSD	.11537	.19651	.07470	.33962	.18774	.20561	.86720	.02655
#1	5.0225	4.9084	4.9569	5.0108	4.9525	9.8864	9.8688	.25025
#2	5.0307	4.9220	4.9621	5.0349	4.9657	9.9152	9.7485	.25035
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4565	24.626	1.0078	2.4610	1.2327	5.0651	2.5062	24.513
Stddev	.0051	.074	.0021	.0058	.0034	.0901	.0026	.051
%RSD	.20748	.29937	.20728	.23745	.27913	1.7788	.10231	.20621
#1	2.4529	24.678	1.0093	2.4569	1.2303	5.0014	2.5080	24.549
#2	2.4602	24.574	1.0064	2.4652	1.2352	5.1288	2.5044	24.477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4749	1.2588	23.958	2.4830	2.5162	24.400	4.9340	4.8838
Stddev	.0047	.0067	.242	.0037	.0347	.160	.0201	.0076
%RSD	.18869	.53148	1.0121	.14910	1.3776	.65686	.40812	.15613
#1	2.4716	1.2635	24.129	2.4856	2.4917	24.514	4.9198	4.8892
#2	2.4782	1.2541	23.786	2.4804	2.5407	24.287	4.9483	4.8785
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0736	4.9266	4.9455	4.7201	4.8521	4.870	4.9744	F 3.1296
Stddev	.0267	.0552	.0080	.0020	.0308	.020	.0280	.1044
%RSD	.52720	1.1201	.16077	.04235	.63531	.4122	.56254	3.3353
#1	5.0547	4.9656	4.9399	4.7216	4.8739	4.856	4.9942	3.2034
#2	5.0925	4.8875	4.9511	4.7187	4.8303	4.885	4.9546	3.0558

Sample Name: CCV01 Acquired: 11/8/2018 12:44:18 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8682
Stddev	.6980
%RSD	24.337

#1	2.3747
#2	3.3618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.7	63399.	5228.4	135.04	3805.2
Stddev	2.6	109.	52.3	1.26	9.2
%RSD	.08687	.17269	1.0002	.93585	.24069

#1	3047.8	63321.	5191.4	135.94	3798.7
#2	3051.6	63476.	5265.4	134.15	3811.7

Sample Name: LLICV01 Acquired: 11/8/2018 12:48:03 Type: Unk
Method: P4-ICP2(v2557) 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	.01843	.04519	.01396	.01998	.05639	.11542	.11002	.00639
Stddev	.00129	.00017	.00076	.00063	.00136	.00588	.00050	.00010
%RSD	6.9902	.36646	5.4084	3.1574	2.4146	5.0924	.45407	1.5094
#1	.01752	.04531	.01343	.01953	.05735	.11127	.11037	.00632
#2	.01935	.04508	.01450	.02042	.05543	.11958	.10967	.00646
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	2.1994	.01078	.03362	.01939	.10502	.02345	2.2617
Stddev	.00006	.0247	.00039	.00013	.00012	.00328	.00022	.0674
%RSD	.98854	1.1228	3.6204	.39758	.64153	3.1204	.91724	2.9790
#1	.00594	2.2169	.01050	.03372	.01931	.10271	.02330	2.3093
#2	.00602	2.1820	.01106	.03353	.01948	.10734	.02360	2.2141
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04446	.01139	2.1635	.04558	.04540	2.1900	.21425	.11582
Stddev	.00004	.00032	.0266	.00124	.00004	.0114	.00012	.00398
%RSD	.08544	2.8121	1.2278	2.7303	.07783	.52119	.05576	3.4390
#1	.04449	.01116	2.1822	.04470	.04542	2.1980	.21417	.11301
#2	.04444	.01162	2.1447	.04646	.04537	2.1819	.21434	.11864
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01720	.42815	.04441	.03698	.02169	.0196	.02215	F 1.8345
Stddev	.00240	.00195	.00118	.00009	.00083	.0008	.00023	.0431
%RSD	13.952	.45548	2.6511	.25154	3.8191	4.305	1.0488	2.3486
#1	.01890	.42953	.04525	.03705	.02227	.0202	.02232	1.8041
#2	.01550	.42677	.04358	.03692	.02110	.0190	.02199	1.8650

Sample Name: LLICV01 Acquired: 11/8/2018 12:48:03 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .79766
Stddev .03885
%RSD 4.8703

#1 .77019
#2 .82513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.3	66506.	5282.1	146.50	4324.3
Stddev	9.5	37.	74.1	.87	7.8
%RSD	.29783	.05587	1.4035	.59128	.17982

#1	3184.6	66480.	5229.7	145.88	4318.8
#2	3198.0	66533.	5334.5	147.11	4329.8

Sample Name: CCB01 Acquired: 11/8/2018 12:52:06 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	-.00166	.00016	-.00280	.00031	-.00276	-.00021
Stddev	.00175	.00034	.00001	.00115	.00046	.00311	.00047
%RSD	157.68	20.716	9.1701	40.887	148.74	112.41	220.00

#1	-.00235	-.00190	.00015	-.00361	.00064	-.00496	.00012
#2	.00013	-.00142	.00017	-.00199	-.00002	-.00057	-.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00001	.00540	-.00036	-.00007	.00002	.01109
Stddev	.00007	.00006	.02157	.00041	.00008	.00020	.00076
%RSD	87.347	498.33	399.54	114.46	113.20	1048.6	6.8892

#1	-.00003	.00006	.02065	-.00064	-.00001	.00016	.01055
#2	-.00013	-.00003	-.00985	-.00007	-.00013	-.00012	.01163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01843	.00003	.00048	-.01382	.00001	-.00021
Stddev	.00008	.00479	.00022	.00051	.00184	.00074	.00012
%RSD	82.521	25.972	719.55	105.84	13.337	10235.	59.945

#1	-.00004	.01504	-.00012	.00012	-.01513	.00053	-.00012
#2	-.00015	.02181	.00018	.00084	-.01252	-.00052	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02338	-.00054	.00388	-.00336	.00237	-.00030	-.00097
Stddev	.00891	.00011	.00373	.00153	.00384	.00049	.00280
%RSD	38.088	20.988	96.111	45.622	162.14	161.13	287.51

#1	.02968	-.00063	.00652	-.00444	.00508	-.00065	.00101
#2	.01709	-.00046	.00124	-.00228	-.00035	.00004	-.00295

Sample Name: CCB01 Acquired: 11/8/2018 12:52:06 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.0009	-.00008	F 1.8372	F<.00000
Stddev	.00069	.0001	.00002	.1972	.16950
%RSD	134.70	7.604	28.005	10.736	75.908

#1	.00002	.0010	-.00009	1.6977	-.34315
#2	.00100	.0009	-.00006	1.9766	-.10344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.9	66529.	5280.3	143.71	4374.9
Stddev	6.7	4.	69.8	.03	2.2
%RSD	.20927	.00641	1.3221	.02050	.05033

#1	3187.2	66526.	5329.7	143.73	4373.3
#2	3196.7	66532.	5231.0	143.69	4376.4

Sample Name: LR CHECK2 Acquired: 11/8/2018 13:00:36 Type: Unk
Method: P4-ICP2(v2557) 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	-.00307	-.01910	249.79	.03028	-.00980	-.28076	98.406	-.00065
Stddev	.00294	.00006	.82	.00379	.00163	.00636	.829	.00009
%RSD	95.674	.29204	.32808	12.515	16.666	2.2640	.84232	13.888

#1	-.00515	-.01906	249.21	.02760	-.01096	-.28525	98.992	-.00072
#2	-.00099	-.01914	250.37	.03296	-.00865	-.27626	97.820	-.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00894	.20675	-.13168	-.01270	252.51	-.82016	44.516	-.03855
Stddev	.00011	.01057	.00059	.00027	1.72	.00369	.235	.01252
%RSD	1.2821	5.1104	.45182	2.0898	.68302	.45007	.52815	32.480

#1	-.00902	.21423	-.13126	-.01251	251.29	-.81755	44.682	-.02970
#2	-.00886	.19928	-.13210	-.01289	253.73	-.82277	44.349	-.04741

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.175	.00933	.75880	-.00725	36.434	.73598	-.00465	-.00072
Stddev	.115	.00024	.03508	.00017	.482	.00594	.00008	.00345
%RSD	.22490	2.5404	4.6231	2.3483	1.3217	.80770	1.7044	482.30

#1	51.257	.00950	.78361	-.00713	36.094	.74018	-.00460	-.00316
#2	51.094	.00917	.73400	-.00737	36.775	.73178	-.00471	.00172

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12320	-.00365	-.00040	-.00018	.00144	-.3559	.00289	2.4842
Stddev	.00066	.00156	.00131	.00143	.00030	.0024	.00002	.0754
%RSD	.53776	42.772	329.97	774.87	21.064	.6765	.63205	3.0332

#1	.12273	-.00255	-.00132	-.00120	.00123	-.3576	.00291	2.5375
#2	.12367	-.00476	.00053	.00083	.00166	-.3542	.00288	2.4309

Sample Name: LR CHECK2 Acquired: 11/8/2018 13:00:36 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2365
Stddev .4899
%RSD 39.623

#1 1.5829
#2 .89006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.3	65187.	5303.9	136.35	3894.5
Stddev	1.2	399.	12.7	1.70	2.5
%RSD	.04049	.61273	.24028	1.2489	.06418

#1	2941.4	64905.	5294.9	137.56	3896.3
#2	2943.1	65470.	5312.9	135.15	3892.7

Sample Name: PB114624BS Acquired: 11/8/2018 13:13:37 Type: Unk
Method: P4-ICP2(v2557) 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	.68296	1.7552	.88415	1.7379	.70418	1.7593	.18213
Stddev	.00258	.0008	.00317	.0040	.00254	.0103	.00088
%RSD	.37846	.04250	.35799	.23020	.36088	.58438	.48534

#1	.68113	1.7546	.88191	1.7351	.70238	1.7520	.18276
#2	.68478	1.7557	.88639	1.7407	.70598	1.7665	.18151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17603	F .16832	.92552	.36784	.17291	.28652	2.6808
Stddev	.00030	.00077	.02580	.00034	.00102	.00041	.0466
%RSD	.17219	.45893	2.7873	.09150	.59243	.14143	1.7393

#1	.17625	.16777	.94376	.36808	.17219	.28623	2.7137
#2	.17582	.16887	.90728	.36761	.17364	.28680	2.6478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18663	1.7971	.43748	.06421	3.0571	.26754	.17855
Stddev	.00066	.0111	.00171	.00045	.0128	.00079	.00336
%RSD	.35410	.61493	.39167	.69395	.41889	.29529	1.8800

#1	.18710	1.7893	.43627	.06389	3.0480	.26698	.18092
#2	.18616	1.8049	.43869	.06452	3.0661	.26810	.17618

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4925	.36675	.27232	F 7.9052	.83163	.59651	.18358
Stddev	.0176	.00078	.00167	.0047	.00032	.00315	.00036
%RSD	.18538	.21345	.61172	.05954	.03857	.52817	.19830

#1	9.4800	.36619	.27114	7.9018	.83140	.59428	.18332
#2	9.5049	.36730	.27349	7.9085	.83185	.59874	.18384

Sample Name: PB114624BS Acquired: 11/8/2018 13:13:37 Type: Unk
 Method: P4-ICP2(v2557) 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	.18721	F 4.865	F .18351	F 1.4982	F<.00000
Stddev	.00086	.012	.00251	.2191	.14719
%RSD	.45752	.2537	1.3657	14.626	13.385

#1	.18661	4.856	.18528	1.6531	-1.2038
#2	.18782	4.874	.18174	1.3433	-.99560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.0	67217.	5355.5	148.54	4331.8
Stddev	11.5	112.	42.7	3.90	4.9
%RSD	.36054	.16643	.79781	2.6239	.11229

#1	3193.9	67138.	5325.3	145.78	4328.4
#2	3210.2	67296.	5385.7	151.30	4335.2

Sample Name: PB114612BS Acquired: 11/8/2018 13:25:29 Type: Unk
Method: P4-ICP2(v2557) 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	.67711	1.7446	.86835	1.7240	.69736	1.7365	.18131
Stddev	.00133	.0031	.00325	.0045	.00201	.0024	.00089
%RSD	.19696	.18015	.37393	.26237	.28870	.14009	.49027

#1	.67617	1.7468	.87065	1.7208	.69879	1.7382	.18194
#2	.67805	1.7424	.86606	1.7272	.69594	1.7348	.18068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17379	.16770	.94820	.36522	.17059	.28580	2.6763
Stddev	.00049	.00043	.00397	.00094	.00005	.00172	.0147
%RSD	.28050	.25565	.41843	.25847	.02700	.60197	.54753

#1	.17414	.16740	.94540	.36455	.17056	.28458	2.6659
#2	.17345	.16801	.95101	.36589	.17062	.28702	2.6866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18504	1.8191	.43176	.06498	2.8736	.26476	.18118
Stddev	.00061	.0154	.00019	.00023	.0015	.00100	.00103
%RSD	.33228	.84703	.04375	.34868	.05088	.37699	.56702

#1	.18548	1.8082	.43189	.06514	2.8726	.26546	.18045
#2	.18461	1.8300	.43162	.06482	2.8747	.26405	.18191

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2867	.36380	.27007	9.5383	.81618	.59080	.17873
Stddev	.0124	.00013	.00007	.0109	.00195	.00110	.00084
%RSD	.13305	.03524	.02510	.11408	.23920	.18578	.47250

#1	9.2954	.36371	.27002	9.5306	.81480	.59002	.17813
#2	9.2779	.36389	.27012	9.5460	.81756	.59158	.17933

Sample Name: PB114612BS Acquired: 11/8/2018 13:25:29 Type: Unk
 Method: P4-ICP2(v2557) 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	.18715	4.809	.18361	F 1.6430	F<.00000
Stddev	.00022	.005	.00087	.0313	.54167
%RSD	.12009	.1058	.47409	1.9041	118.53

#1	.18699	4.806	.18422	1.6651	-.83999
#2	.18731	4.813	.18299	1.6209	-.07395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.7	67553.	5329.2	146.45	4361.9
Stddev	7.1	315.	36.6	.61	6.4
%RSD	.22145	.46603	.68664	.41442	.14752

#1	3203.7	67330.	5303.4	146.88	4357.3
#2	3213.8	67776.	5355.1	146.03	4366.4

Sample Name: PB114634BS Acquired: 11/8/2018 13:37:23 Type: Unk
Method: P4-ICP2(v2557) 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	.68628	1.7688	.87428	1.7520	.71366	1.7594	.18278
Stddev	.00045	.0083	.00180	.0062	.00083	.0042	.00180
%RSD	.06485	.46991	.20537	.35384	.11646	.23742	.98373

#1	.68597	1.7746	.87555	1.7476	.71425	1.7565	.18405
#2	.68660	1.7629	.87301	1.7564	.71307	1.7624	.18151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17610	.16904	.93172	.37045	.17322	.28894	2.6968
Stddev	.00001	.00051	.00717	.00122	.00011	.00031	.0035
%RSD	.00479	.30446	.76929	.33035	.06480	.10826	.12960

#1	.17610	.16941	.92665	.37131	.17314	.28916	2.6993
#2	.17611	.16868	.93678	.36958	.17329	.28872	2.6943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18774	1.8079	.43720	.06493	2.8513	.26809	.17967
Stddev	.00009	.0090	.00046	.00041	.0394	.00038	.00111
%RSD	.04908	.49951	.10623	.63428	1.3812	.14026	.61892

#1	.18781	1.8143	.43752	.06522	2.8792	.26835	.18046
#2	.18768	1.8016	.43687	.06464	2.8235	.26782	.17888

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2970	.37058	.27338	8.3754	.82998	.60268	.18493
Stddev	.0381	.00106	.00195	.0422	.00148	.00261	.00027
%RSD	.40954	.28603	.71455	.50360	.17891	.43366	.14586

#1	9.3239	.37133	.27477	8.4052	.83103	.60452	.18474
#2	9.2701	.36983	.27200	8.3455	.82893	.60083	.18512

Sample Name: PB114634BS Acquired: 11/8/2018 13:37:23 Type: Unk
 Method: P4-ICP2(v2557) 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	.18655	4.897	.18229	F 1.7990	F<.00000
Stddev	.00276	.012	.00158	.3219	.50547
%RSD	1.4806	.2526	.86575	17.892	27.523

#1	.18850	4.905	.18341	2.0266	-2.1939
#2	.18459	4.888	.18118	1.5714	-1.4791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.5	66868.	5347.9	147.84	4336.0
Stddev	4.4	227.	72.2	1.30	15.0
%RSD	.13890	.34019	1.3500	.88131	.34525

#1	3195.3	66707.	5296.8	146.92	4325.4
#2	3201.6	67028.	5398.9	148.77	4346.6

Sample Name: LCSW Acquired: 11/8/2018 14:05:32 Type: Unk
Method: P4-ICP2(v2557) 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	.69081	1.7731	.87971	1.7655	.71486	1.7538	.18370
Stddev	.00322	.0056	.00363	.0068	.00046	.0036	.00070
%RSD	.46619	.31675	.41217	.38383	.06464	.20575	.37917

#1	.68854	1.7691	.87715	1.7703	.71453	1.7564	.18419
#2	.69309	1.7770	.88227	1.7607	.71519	1.7513	.18320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17717	.17034	.94967	.37296	.17501	.28828	2.7355
Stddev	.00009	.00096	.01143	.00047	.00025	.00062	.0109
%RSD	.04957	.56473	1.2033	.12483	.14025	.21460	.39848

#1	.17723	.16966	.95775	.37263	.17484	.28872	2.7278
#2	.17711	.17102	.94159	.37329	.17519	.28784	2.7432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18821	1.8114	.44075	.06498	2.8379	.26943	.18311
Stddev	.00001	.0605	.00273	.00004	.0160	.00153	.00016
%RSD	.00719	3.3417	.62002	.06622	.56468	.56711	.08759

#1	.18822	1.7686	.43882	.06495	2.8265	.27051	.18300
#2	.18820	1.8542	.44268	.06501	2.8492	.26835	.18323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2839	.37228	.27595	8.4672	.84291	.60745	.18714
Stddev	.0631	.00139	.00067	.0254	.00299	.00147	.00081
%RSD	.68004	.37378	.24355	.30002	.35422	.24129	.43489

#1	9.3286	.37130	.27642	8.4493	.84502	.60642	.18657
#2	9.2393	.37327	.27547	8.4852	.84080	.60849	.18772

Sample Name: LCSW Acquired: 11/8/2018 14:05:32 Type: Unk
 Method: P4-ICP2(v2557) 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	.18832	4.939	.18623	F 1.7552	F<.00000
Stddev	.00247	.010	.00079	.0032	.06171
%RSD	1.3121	.2039	.42298	.17937	6.2046

#1	.18657	4.932	.18679	1.7530	-.95100
#2	.19007	4.946	.18567	1.7575	-1.0383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.6	67148.	5317.3	146.85	4347.8
Stddev	1.9	28.	8.0	.22	12.1
%RSD	.05813	.04096	.15063	.15248	.27722

#1	3217.2	67167.	5311.6	146.69	4356.3
#2	3219.9	67128.	5322.9	147.01	4339.3

Sample Name: PBS Acquired: 11/8/2018 14:09:20 Type: Unk
Method: P4-ICP2(v2557) 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	-.00279	-.00133	.00231	.00129	-.00096	.01096	-.00008
Stddev	.00138	.00098	.00111	.00250	.00009	.00919	.00020
%RSD	49.437	73.809	48.224	194.62	9.6330	83.910	266.83

#1	-.00182	-.00203	.00152	.00306	-.00089	.01746	.00007
#2	-.00377	-.00064	.00309	-.00048	-.00102	.00446	-.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00003	.00986	-.00002	-.00010	-.00012	.00030
Stddev	.00004	.00000	.00365	.00012	.00012	.00024	.00785
%RSD	59.222	10.110	37.052	538.98	118.08	203.71	2583.4

#1	-.00010	-.00003	.00728	-.00011	-.00018	.00005	.00586
#2	-.00004	-.00003	.01244	.00006	-.00002	-.00029	-.00525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01121	.00041	.00038	.06796	.00005	-.00019
Stddev	.00001	.03552	.00037	.00006	.00599	.00001	.00011
%RSD	97.937	316.98	89.499	14.544	8.8082	12.251	59.886

#1	-.00002	-.03632	.00015	.00034	.06372	.00005	-.00027
#2	-.00000	.01391	.00067	.00042	.07219	.00005	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10371	-.00029	-.00273	-.00056	.00104	-.00086	.00121
Stddev	.03469	.00014	.00137	.00375	.00094	.00062	.00078
%RSD	33.453	48.040	50.092	664.62	90.738	71.716	65.000

#1	.12824	-.00019	-.00369	.00209	.00037	-.00129	.00176
#2	.07918	-.00038	-.00176	-.00322	.00170	-.00042	.00065

Sample Name: PBS Acquired: 11/8/2018 14:09:20 Type: Unk
 Method: P4-ICP2(v2557) 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	-.00143	.0011	.00008	F 1.5701	F<.00000
Stddev	.00067	.0003	.00000	.0841	.63675
%RSD	46.827	28.16	1.7279	5.3546	808.05
#1	-.00191	.0009	.00008	1.5106	-.52905
#2	-.00096	.0013	.00008	1.6295	.37145
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.3	67133.	5405.8	147.43	4394.2
Stddev	8.1	200.	5.0	.49	17.6
%RSD	.25512	.29795	.09257	.33573	.39966
#1	3185.5	66991.	5409.4	147.78	4381.7
#2	3197.0	67274.	5402.3	147.08	4406.6

Sample Name: PBW Acquired: 11/8/2018 14:20:07 Type: Unk
 Method: P4-ICP2(v2557) 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	-.00058	-.00014	.00228	-.00074	-.00085	.00714	-.00039	-.00013
Stddev	.00049	.00000	.00067	.00038	.00092	.00230	.00088	.00002
%RSD	84.345	2.1620	29.450	52.157	107.54	32.205	227.61	18.359

#1	-.00024	-.00014	.00276	-.00047	-.00150	.00877	.00024	-.00011
#2	-.00093	-.00014	.00181	-.00101	-.00020	.00551	-.00101	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01984	-.00047	.00002	-.00014	.00264	-.00005	.01870
Stddev	.00004	.00045	.00024	.00038	.00084	.00205	.00002	.01315
%RSD	90.217	2.2434	51.921	2039.1	617.96	77.870	39.397	70.286

#1	-.00001	.02015	-.00064	-.00025	.00046	.00409	-.00007	.00941
#2	-.00006	.01952	-.00030	.00029	-.00073	.00119	-.00004	.02800

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00011	.05118	.00030	-.00019	.09973	-.00035	.00144
Stddev	.00060	.00003	.00216	.00013	.00006	.01429	.00005	.00322
%RSD	196.48	28.212	4.2141	43.360	29.880	14.327	13.311	224.07

#1	.00073	.00013	.04965	.00021	-.00023	.08963	-.00038	-.00084
#2	-.00012	.00009	.05270	.00040	-.00015	.10984	-.00031	.00371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00169	-.00034	.00216	-.00154	.0004	-.00001	2.0650
Stddev	.00072	.00105	.00046	.00065	.00007	.0003	.00022	.0115
%RSD	136.12	61.935	134.54	30.091	4.2644	94.61	2374.1	.55544

#1	-.00103	-.00095	-.00067	.00262	-.00159	.0001	.00015	2.0732
#2	-.00002	-.00243	-.00002	.00170	-.00150	.0006	-.00016	2.0569

Sample Name: PBW Acquired: 11/8/2018 14:20:07 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .34970
 Stddev .35997
 %RSD 102.93

#1 .09517
 #2 .60424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.8	66507.	5305.7	142.83	4362.7
Stddev	4.3	24.	84.2	4.57	11.5
%RSD	.13426	.03679	1.5874	3.1973	.26371

#1	3168.8	66490.	5246.1	139.60	4354.6
#2	3174.8	66524.	5365.2	146.06	4370.8

Sample Name: LCSS Acquired: 11/8/2018 14:24:11 Type: Unk
Method: P4-ICP2(v2557) 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	.69406	1.7627	.87639	1.7706	.71101	1.7542	.18541
Stddev	.00413	.0005	.00390	.0012	.00176	.0198	.00012
%RSD	.59504	.02594	.44483	.06607	.24754	1.1265	.06410

#1	.69698	1.7624	.87364	1.7715	.71226	1.7402	.18532
#2	.69114	1.7631	.87915	1.7698	.70977	1.7682	.18549

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17636	.16988	.94275	.36579	.17410	.28674	2.7087
Stddev	.00040	.00039	.00655	.00213	.00031	.00114	.0269
%RSD	.22638	.22826	.69427	.58192	.17764	.39898	.99313

#1	.17664	.17015	.94738	.36730	.17388	.28755	2.7277
#2	.17607	.16960	.93812	.36429	.17432	.28594	2.6897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18719	1.8082	.43976	.06515	2.8052	.26765	.18234
Stddev	.00025	.0230	.00009	.00067	.0212	.00176	.00212
%RSD	.13301	1.2729	.01954	1.0313	.75622	.65893	1.1654

#1	.18702	1.8245	.43970	.06562	2.8202	.26890	.18384
#2	.18737	1.7919	.43982	.06467	2.7902	.26640	.18083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3118	.37005	.27820	9.1575	.83598	.60211	.18414
Stddev	.0248	.00105	.01126	.0084	.01048	.00198	.00115
%RSD	.26574	.28318	4.0476	.09219	1.2531	.32945	.62680

#1	9.2943	.37080	.27024	9.1515	.84338	.60352	.18496
#2	9.3293	.36931	.28617	9.1635	.82857	.60071	.18333

Sample Name: LCSS Acquired: 11/8/2018 14:24:11 Type: Unk
 Method: P4-ICP2(v2557) 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	.18575	4.925	.18336	F 1.7599	F<.00000
Stddev	.00171	.005	.00020	.2094	.38988
%RSD	.92246	.0990	.11072	11.896	43.630

#1	.18696	4.928	.18321	1.9079	-.61792
#2	.18454	4.921	.18350	1.6118	-1.1693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.9	66843.	5291.2	145.27	4266.2
Stddev	7.7	408.	24.9	1.79	7.7
%RSD	.24496	.61037	.47123	1.2335	.18079

#1	3149.4	66554.	5273.6	144.00	4260.8
#2	3160.4	67131.	5308.8	146.53	4271.7

Sample Name: 6010 WATER LLOQ Acquired: 11/8/2018 14:27:58 Type: Unk
Method: P4-ICP2(v2557) 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	.01868	.04421	.01401	.01994	.05565	.09915	.10957	.00620
Stddev	.00003	.00177	.00056	.00199	.00107	.00254	.00145	.00012
%RSD	.15356	4.0032	3.9646	9.9712	1.9217	2.5608	1.3237	1.9857
#1	.01870	.04296	.01362	.02134	.05489	.10095	.11060	.00612
#2	.01866	.04547	.01441	.01853	.05641	.09736	.10855	.00629
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00597	2.1659	.01043	.03347	.02200	.10503	.02277	2.2296
Stddev	.00008	.0284	.00038	.00013	.00015	.00298	.00001	.0010
%RSD	1.3400	1.3118	3.5993	.39808	.68986	2.8415	.06193	.04486
#1	.00591	2.1458	.01016	.03356	.02189	.10714	.02278	2.2303
#2	.00603	2.1860	.01070	.03337	.02210	.10292	.02276	2.2289
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04399	.01084	2.2189	.04505	.04517	2.2362	.21511	.11180
Stddev	.00008	.00010	.0067	.00021	.00025	.0016	.00095	.00081
%RSD	.17786	.93159	.30421	.46743	.55898	.07117	.44243	.72562
#1	.04394	.01092	2.2141	.04490	.04534	2.2351	.21578	.11122
#2	.04405	.01077	2.2236	.04520	.04499	2.2373	.21444	.11237
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01774	.41689	.04227	.04600	.02081	.0217	.02185	F 1.5307
Stddev	.00001	.00102	.00006	.00037	.00255	.0034	.00003	.0211
%RSD	.04698	.24385	.14950	.81316	12.237	15.84	.15365	1.3803
#1	.01775	.41761	.04231	.04574	.01901	.0193	.02188	1.5158
#2	.01773	.41617	.04222	.04627	.02261	.0241	.02183	1.5456

Sample Name: 6010 WATER LLOQ Acquired: 11/8/2018 14:27:58 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .29349
 Stddev .47627
 %RSD 162.28

#1 -.04328
 #2 .63026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.7	67226.	5277.7	145.36	4305.4
Stddev	11.7	46.	1.4	1.16	12.5
%RSD	.37002	.06818	.02747	.79858	.29025

#1	3159.4	67193.	5276.7	144.54	4296.6
#2	3176.0	67258.	5278.7	146.18	4314.3

Sample Name: 6010 SOIL LLOQ Acquired: 11/8/2018 14:36:00 Type: Unk
Method: P4-ICP2(v2557) 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	.01960	.04487	.01408	.02030	.05603	.10824	.11197
Stddev	.00060	.00034	.00083	.00067	.00152	.01417	.00028
%RSD	3.0726	.76110	5.9019	3.2763	2.7153	13.087	.25114

#1	.02003	.04462	.01349	.01983	.05495	.11826	.11217
#2	.01918	.04511	.01467	.02077	.05711	.09823	.11177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	.00597	2.1829	.01069	.03348	.02262	.11001
Stddev	.00002	.00013	.0530	.00051	.00013	.00010	.00504
%RSD	.39089	2.0942	2.4269	4.7366	.38957	.42148	4.5825

#1	.00628	.00606	2.2203	.01105	.03339	.02255	.11358
#2	.00631	.00588	2.1454	.01033	.03357	.02269	.10645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02306	2.2566	.04468	.01168	2.2313	.04658	.04600
Stddev	.00005	.0134	.00001	.00028	.0006	.00015	.00168
%RSD	.23474	.59142	.03251	2.3814	.02453	.32339	3.6445

#1	.02310	2.2660	.04469	.01149	2.2317	.04668	.04718
#2	.02302	2.2472	.04467	.01188	2.2309	.04647	.04481

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2575	.21693	.11211	.01514	.42321	.04273	.04553
Stddev	.0048	.00043	.00184	.00291	.00012	.00058	.00027
%RSD	.21153	.19964	1.6428	19.194	.02868	1.3511	.60069

#1	2.2609	.21663	.11081	.01719	.42330	.04232	.04533
#2	2.2541	.21724	.11342	.01308	.42312	.04313	.04572

Sample Name: 6010 SOIL LLOQ Acquired: 11/8/2018 14:36:00 Type: Unk
 Method: P4-ICP2(v2557) 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	.02149	.0189	.02229	F 1.8385	F<.00000
Stddev	.00039	.0013	.00019	.1672	.25128
%RSD	1.8306	6.752	.86455	9.0923	60.441

#1	.02121	.0180	.02242	1.9568	-.59344
#2	.02177	.0198	.02215	1.7203	-.23807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3156.0	66707.	5289.8	144.04	4285.4
Stddev	11.3	423.	78.6	5.13	16.4
%RSD	.35795	.63421	1.4866	3.5633	.38342

#1	3148.0	66408.	5234.2	140.41	4273.8
#2	3164.0	67006.	5345.4	147.67	4297.1

Sample Name: CCV02 Acquired: 11/8/2018 14:40:02 Type: Unk
Method: P4-ICP2(v2557) 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	5.0550	4.9033	4.9859	5.0277	4.9931	9.9472	10.155	.24769
Stddev	.0265	.0260	.0119	.0235	.0199	.0254	.043	.00121
%RSD	.52380	.53043	.23857	.46708	.39901	.25486	.41997	.48995
#1	5.0738	4.9217	4.9943	5.0443	5.0072	9.9651	10.185	.24855
#2	5.0363	4.8849	4.9775	5.0111	4.9791	9.9293	10.125	.24683
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4650	24.980	.99422	2.4833	1.2408	5.0690	2.4954	24.796
Stddev	.0084	.009	.00534	.0080	.0062	.0384	.0083	.040
%RSD	.33904	.03606	.53697	.32249	.49995	.75833	.33244	.16049
#1	2.4709	24.974	.99800	2.4890	1.2452	5.0418	2.5013	24.824
#2	2.4591	24.986	.99045	2.4776	1.2364	5.0962	2.4895	24.768
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5022	1.2595	24.554	2.4793	2.5330	25.139	5.0109	4.9809
Stddev	.0071	.0048	.082	.0085	.0036	.097	.0168	.0254
%RSD	.28357	.38355	.33484	.34363	.14035	.38446	.33504	.51072
#1	2.5073	1.2629	24.612	2.4853	2.5305	25.208	5.0228	4.9629
#2	2.4972	1.2561	24.496	2.4732	2.5355	25.071	4.9991	4.9989
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0866	4.9866	4.9551	5.0570	4.9817	5.041	5.0836	F 3.2604
Stddev	.0215	.0244	.0153	.0019	.0163	.012	.0305	.0350
%RSD	.42280	.48952	.30895	.03659	.32770	.2385	.59890	1.0750
#1	5.1018	5.0039	4.9659	5.0583	4.9932	5.049	5.1052	3.2852
#2	5.0714	4.9694	4.9442	5.0557	4.9701	5.032	5.0621	3.2356

Sample Name: CCV02 Acquired: 11/8/2018 14:40:02 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5020
Stddev	1.3325
%RSD	53.257

#1	3.4442
#2	1.5598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.5	63240.	5132.6	133.19	3737.7
Stddev	11.2	275.	16.6	.22	11.7
%RSD	.37468	.43504	.32262	.16236	.31398

#1	2986.6	63045.	5120.8	133.34	3729.4
#2	3002.5	63434.	5144.3	133.04	3746.0

Sample Name: CCB02 Acquired: 11/8/2018 14:43:49 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00095	.00225	.00133	-.00133	.00715	-.00083	-.00001
Stddev	.00121	.00114	.00009	.00175	.00041	.00888	.00064	.00007
%RSD	456.62	119.84	4.0602	131.59	30.701	124.16	77.709	1276.7
#1	-.00113	-.00015	.00218	.00257	-.00161	.00087	-.00129	.00005
#2	.00059	-.00176	.00231	.00009	-.00104	.01344	-.00037	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00943	-.00003	-.00020	.00006	.00110	.00001	-.01051
Stddev	.00007	.00613	.00008	.00003	.00005	.00055	.00001	.01903
%RSD	363.25	64.973	234.03	15.732	84.882	49.794	63.798	181.08
#1	.00003	.01376	-.00009	-.00023	.00010	.00149	.00000	.00295
#2	-.00006	.00510	.00002	-.00018	.00002	.00072	.00001	-.02396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00061	.01941	-.00008	-.00020	.10149	-.00011	-.00005
Stddev	.00019	.00047	.00164	.00023	.00001	.01415	.00007	.00033
%RSD	34.429	77.708	8.4408	301.07	4.0749	13.940	66.070	613.75
#1	.00068	.00027	.01826	.00008	-.00020	.11149	-.00006	.00018
#2	.00042	.00094	.02057	-.00024	-.00021	.09149	-.00016	-.00029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	.00070	-.00024	.00013	-.00092	-.0004	.00004	F 1.8002
Stddev	.00383	.00130	.00005	.00029	.00052	.0017	.00002	.2010
%RSD	286.11	186.55	19.569	220.65	55.794	380.8	35.468	11.164
#1	.00137	-.00022	-.00020	-.00007	-.00056	-.0016	.00003	1.9423
#2	-.00405	.00161	-.00027	.00034	-.00129	.0007	.00005	1.6581

Sample Name: CCB02 Acquired: 11/8/2018 14:43:49 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .38862
Stddev .70182
%RSD 180.59

#1 -.10764
#2 .88489

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.5	67124.	5313.0	143.41	4332.3
Stddev	6.1	128.	36.1	.81	4.4
%RSD	.19182	.18995	.67912	.56703	.10139

#1	3165.8	67034.	5338.5	143.98	4329.2
#2	3157.2	67214.	5287.5	142.83	4335.4

Sample Name: J5808-01DUP Acquired: 11/8/2018 14:47:15 Type: Unk
Method: P4-ICP2(v2557) 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	-.00373	.00501	.00114	-.00044	-.02211	.02193	-.00005
Stddev	.00031	.00055	.00246	.00519	.00040	.00911	.00030	.00004
%RSD	20.125	14.794	49.061	454.89	90.334	41.195	1.3629	74.598
#1	-.00174	-.00412	.00674	.00481	-.00016	-.02856	.02172	-.00002
#2	-.00131	-.00334	.00327	-.00253	-.00072	-.01567	.02214	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	70.145	-.00116	-.00045	.00135	-.00618	.00419	155.58
Stddev	.00002	1.001	.00008	.00005	.00013	.00905	.00003	.23
%RSD	7.8759	1.4274	6.9508	10.792	9.4049	146.40	.60492	.14513
#1	-.00023	70.853	-.00122	-.00041	.00126	.00022	.00417	155.74
#2	-.00026	69.437	-.00110	-.00048	.00144	-.01259	.00421	155.42
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	-.00004	1091.9	.00128	-.00146	50.309	.00097	.53723
Stddev	.00047	.00036	24.8	.00097	.00010	.593	.00024	.00485
%RSD	13.637	1031.1	2.2682	76.082	6.8764	1.1793	24.629	.90362
#1	-.00379	-.00029	1109.4	.00197	-.00139	50.729	.00080	.53380
#2	-.00313	.00022	1074.4	.00059	-.00153	49.890	.00113	.54066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.35	1.7497	-.04542	-.00175	.02269	.0782	1.0204	4.9515
Stddev	.09	.0441	.00012	.00134	.00057	.0025	.0161	.2536
%RSD	.07242	2.5188	.25432	76.595	2.5077	3.220	1.5770	5.1218
#1	123.29	1.7809	-.04534	-.00270	.02309	.0800	1.0317	4.7722
#2	123.41	1.7186	-.04550	-.00080	.02229	.0765	1.0090	5.1308

Sample Name: J5808-01DUP Acquired: 11/8/2018 14:47:15 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9360
Stddev .1373
%RSD 3.4886

#1 3.8389
#2 4.0331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.1	55682.	4958.4	132.65	3177.0
Stddev	17.3	364.	79.8	3.94	3.6
%RSD	.65513	.65421	1.6095	2.9693	.11399

#1	2658.4	55940.	4902.0	129.87	3174.4
#2	2633.9	55425.	5014.8	135.44	3179.5

Sample Name: J5808-01 Acquired: 11/8/2018 14:51:22 Type: Unk
Method: P4-ICP2(v2557) 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	-.00123	-.00397	.00324	-.00093	-.00355	-.01172	.02264	-.00001
Stddev	.00212	.00162	.00009	.00257	.00037	.00802	.00022	.00001
%RSD	172.64	40.974	2.7748	274.96	10.391	68.464	.98174	88.384

#1	.00027	-.00511	.00331	.00088	-.00381	-.01739	.02248	-.00002
#2	-.00273	-.00282	.00318	-.00275	-.00329	-.00605	.02279	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	70.935	-.00132	-.00052	.00130	-.00828	.00424	155.57
Stddev	.00004	.466	.00004	.00019	.00058	.00416	.00001	1.25
%RSD	18.314	.65656	2.9781	36.387	44.523	50.188	.29016	.80068

#1	-.00020	71.265	-.00135	-.00038	.00089	-.00534	.00423	156.45
#2	-.00025	70.606	-.00129	-.00065	.00171	-.01122	.00425	154.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00375	.00086	1064.7	.00078	-.00130	51.200	.00107	.54641
Stddev	.00025	.00039	34.0	.00098	.00006	.319	.00002	.00115
%RSD	6.5979	45.146	3.1954	126.73	4.6255	.62342	2.1346	.21128

#1	-.00357	.00058	1088.7	.00008	-.00135	51.426	.00105	.54723
#2	-.00392	.00113	1040.6	.00147	-.00126	50.974	.00108	.54560

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.00	1.7816	-.04567	-.00320	.02648	.0791	1.0283	5.3288
Stddev	.23	.0022	.00014	.00158	.00122	.0022	.0082	.0185
%RSD	.18473	.12141	.30638	49.533	4.6093	2.729	.79396	.34748

#1	124.16	1.7801	-.04577	-.00208	.02734	.0807	1.0341	5.3419
#2	123.84	1.7832	-.04557	-.00432	.02561	.0776	1.0225	5.3157

Sample Name: J5808-01 Acquired: 11/8/2018 14:51:22 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1111
Stddev .3940
%RSD 9.5836

#1 4.3897
#2 3.8325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.5	54671.	4851.8	129.87	3151.5
Stddev	7.9	7.	3.2	1.46	.3
%RSD	.30295	.01342	.06683	1.1237	.00835

#1	2627.1	54666.	4854.1	130.90	3151.3
#2	2615.9	54676.	4849.5	128.84	3151.7

Sample Name: J5808-01LX5 Acquired: 11/8/2018 14:55:30 Type: Unk
Method: P4-ICP2(v2557) 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	-.00145	-.00298	.00209	-.00431	-.00174	.00352	.00494	-.00001
Stddev	.00194	.00007	.00020	.00596	.00103	.01867	.00090	.00011
%RSD	133.80	2.3363	9.3443	138.13	59.105	529.64	18.269	1621.1

#1	-.00281	-.00293	.00196	-.00010	-.00101	.01672	.00430	.00007
#2	-.00008	-.00303	.00223	-.00852	-.00247	-.00967	.00558	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	13.841	-.00043	-.00015	-.00051	-.00298	.00074	29.127
Stddev	.00006	.032	.00071	.00002	.00029	.00375	.00001	.202
%RSD	38.994	.22808	165.15	10.195	56.513	125.92	.99639	.69502

#1	-.00011	13.819	.00007	-.00016	-.00031	-.00033	.00074	28.984
#2	-.00019	13.864	-.00093	-.00014	-.00072	-.00563	.00075	29.271

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.00156	221.75	.00048	-.00052	9.5842	-.00010	.10608
Stddev	.00010	.00026	.63	.00022	.00007	.0112	.00009	.01221
%RSD	4.8931	16.718	.28502	45.198	13.642	.11698	95.997	11.513

#1	-.00213	.00175	221.30	.00063	-.00057	9.5763	-.00016	.11472
#2	-.00198	.00138	222.20	.00033	-.00047	9.5922	-.00003	.09745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.122	.34493	-.00799	-.00006	.00849	.0116	.19735	3.6455
Stddev	.099	.00184	.00015	.00129	.00149	.0012	.00115	.0866
%RSD	.46659	.53294	1.8595	2206.7	17.555	10.68	.58128	2.3767

#1	21.053	.34363	-.00788	-.00097	.00954	.0125	.19654	3.5842
#2	21.192	.34623	-.00809	.00086	.00743	.0107	.19816	3.7067

Sample Name: J5808-01LX5 Acquired: 11/8/2018 14:55:30 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9265
Stddev	.6019
%RSD	31.244

#1	1.5008
#2	2.3521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.0	61449.	5117.7	139.12	3714.3
Stddev	6.6	55.	25.5	.06	4.7
%RSD	.22334	.09008	.49836	.04389	.12679

#1	2941.3	61410.	5135.7	139.16	3717.6
#2	2950.6	61488.	5099.7	139.07	3711.0

Sample Name: J5808-01MS Acquired: 11/8/2018 14:59:39 Type: Unk
Method: P4-ICP2(v2557) 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	.99585	2.1033	1.1361	2.4544	.97715	2.4737	.25443	.24819
Stddev	.00773	.0022	.0024	.0016	.00413	.0267	.00027	.00036
%RSD	.77658	.10503	.20779	.06488	.42240	1.0793	.10429	.14374

#1	1.0013	2.1018	1.1344	2.4555	.98007	2.4549	.25425	.24845
#2	.99039	2.1049	1.1378	2.4532	.97424	2.4926	.25462	.24794

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23012	71.126	.46400	.23232	.33551	3.4102	.23533	155.78
Stddev	.00044	.372	.00020	.00030	.00078	.0513	.00061	.01
%RSD	.19139	.52296	.04225	.13050	.23298	1.5033	.25815	.00382

#1	.23043	70.863	.46386	.23253	.33606	3.4464	.23576	155.79
#2	.22981	71.389	.46414	.23210	.33496	3.3739	.23490	155.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58028	.08935	1038.8	.35553	.22437	62.081	.48819	.86337
Stddev	.00104	.00000	14.8	.00102	.00341	.309	.00202	.00600
%RSD	.17972	.00133	1.4253	.28821	1.5201	.49756	.41283	.69535

#1	.57955	.08935	1049.3	.35626	.22679	61.863	.48962	.85912
#2	.58102	.08935	1028.3	.35481	.22196	62.299	.48677	.86761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.25	2.8295	.80999	.24080	.26192	7.832	1.2479	5.4228
Stddev	.77	.0029	.00472	.00027	.00292	.029	.0069	.0734
%RSD	.63650	.10290	.58315	.11275	1.1151	.3654	.55102	1.3536

#1	119.71	2.8315	.80665	.24100	.25985	7.811	1.2430	5.4747
#2	120.80	2.8274	.81333	.24061	.26398	7.852	1.2527	5.3709

Sample Name: J5808-01MS Acquired: 11/8/2018 14:59:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1715
Stddev	.4214
%RSD	13.286

#1	2.8735
#2	3.4694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.6	55072.	4814.4	130.44	3164.2
Stddev	4.8	117.	6.3	.96	26.5
%RSD	.18351	.21334	.13151	.73668	.83614

#1	2642.0	54989.	4818.9	129.76	3182.9
#2	2635.2	55155.	4810.0	131.12	3145.5

Sample Name: J5808-01MSD Acquired: 11/8/2018 15:03:34 Type: Unk
Method: P4-ICP2(v2557) 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	.98364	2.0995	1.1361	2.4250	.96436	2.4715	.25350	.24643
Stddev	.00429	.0014	.0021	.0017	.00089	.0119	.00146	.00020
%RSD	.43572	.06763	.18140	.07040	.09241	.48241	.57624	.07940

#1	.98061	2.0985	1.1347	2.4238	.96373	2.4800	.25453	.24657
#2	.98667	2.1005	1.1376	2.4262	.96499	2.4631	.25247	.24629

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22995	70.591	.45854	.23318	.33130	3.3655	.23409	155.38
Stddev	.00058	.133	.00329	.00025	.00027	.0674	.00015	.39
%RSD	.25166	.18905	.71702	.10884	.08178	2.0015	.06222	.25110

#1	.22954	70.685	.46087	.23300	.33111	3.3178	.23419	155.66
#2	.23036	70.496	.45622	.23336	.33150	3.4131	.23398	155.11

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57875	.08896	1010.9	.35426	.22336	61.907	.48263	.87940
Stddev	.00198	.00006	17.9	.00037	.00481	.015	.00034	.02668
%RSD	.34235	.07260	1.7747	.10529	2.1557	.02442	.07108	3.0342

#1	.57735	.08901	1023.6	.35400	.21995	61.918	.48238	.89826
#2	.58015	.08892	998.19	.35452	.22676	61.896	.48287	.86053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.44	2.8283	.80901	.23828	.26202	7.793	1.2359	5.3738
Stddev	.24	.0014	.00111	.00101	.00080	.017	.0017	.1628
%RSD	.19963	.04894	.13689	.42447	.30509	.2134	.13380	3.0302

#1	120.61	2.8293	.80979	.23899	.26146	7.805	1.2371	5.4890
#2	120.27	2.8273	.80823	.23756	.26259	7.781	1.2348	5.2587

Sample Name: J5808-01MSD Acquired: 11/8/2018 15:03:34 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4043
Stddev .4737
%RSD 13.914

#1 3.0693
#2 3.7392

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.5	54911.	4800.2	129.80	3132.1
Stddev	.3	78.	.2	2.75	.8
%RSD	.01179	.14116	.00321	2.1150	.02635

#1	2639.7	54856.	4800.1	131.74	3132.7
#2	2639.3	54966.	4800.3	127.86	3131.5

Sample Name: J5808-01A Acquired: 11/8/2018 15:07:29 Type: Unk
Method: P4-ICP2(v2557) 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	.98518	2.0779	1.1198	2.4153	.96081	2.4287	.25188	.24330
Stddev	.00672	.0062	.0006	.0123	.00529	.0128	.00135	.00059
%RSD	.68207	.29980	.05505	.50759	.55075	.52824	.53669	.24049
#1	.98043	2.0735	1.1202	2.4066	.95707	2.4197	.25093	.24288
#2	.98993	2.0823	1.1194	2.4239	.96455	2.4378	.25284	.24371
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22698	70.066	.45029	.23003	.33090	3.3933	.23040	154.54
Stddev	.00060	.140	.00228	.00051	.00089	.0157	.00088	.34
%RSD	.26492	.20023	.50742	.21977	.26985	.46344	.38298	.21753
#1	.22656	70.165	.44867	.22967	.33027	3.3822	.22977	154.30
#2	.22741	69.967	.45190	.23038	.33153	3.4044	.23102	154.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57397	.08690	1007.4	.34970	.22465	61.584	.48227	.86207
Stddev	.00089	.00077	15.2	.00123	.00188	.336	.00400	.00408
%RSD	.15441	.88994	1.5119	.35091	.83759	.54565	.83021	.47357
#1	.57335	.08745	1018.1	.34883	.22332	61.346	.47944	.85918
#2	.57460	.08635	996.58	.35056	.22598	61.821	.48510	.86496
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 118.26	2.7921	.79933	.23630	.26036	7.708	1.2281	5.1374
Stddev	.36	.0088	.00531	.00088	.00003	.031	.0039	.0034
%RSD	.30726	.31345	.66456	.37106	.01080	.3969	.31608	.06621
#1	118.00	2.7859	.79557	.23692	.26034	7.686	1.2253	5.1350
#2	118.52	2.7983	.80308	.23568	.26038	7.729	1.2308	5.1398

Sample Name: J5808-01A Acquired: 11/8/2018 15:07:29 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4207
Stddev	.1792
%RSD	7.4006

#1	2.5474
#2	2.2941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.9	55703.	4824.7	129.44	3178.8
Stddev	8.5	150.	18.3	1.02	3.4
%RSD	.32104	.27006	.37883	.78727	.10696

#1	2658.9	55809.	4837.7	130.16	3181.2
#2	2646.9	55597.	4811.8	128.72	3176.4

Sample Name: J5810-01 Acquired: 11/8/2018 15:11:22 Type: Unk
Method: P4-ICP2(v2557) 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	-.00273	-.00337	.00362	-.00009	-.00256	-.01483	.02178	-.00001
Stddev	.00103	.00205	.00064	.00046	.00201	.01612	.00055	.00004
%RSD	37.561	60.653	17.653	496.99	78.450	108.73	2.5231	597.51
#1	-.00201	-.00193	.00407	-.00042	-.00114	-.02623	.02217	.00002
#2	-.00346	-.00482	.00316	.00023	-.00399	-.00343	.02139	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	101.72	-.00160	-.00074	.00091	-.01552	.00331	263.49
Stddev	.00001	2.65	.00072	.00013	.00058	.00563	.00006	8.46
%RSD	4.2950	2.6024	45.052	18.016	63.499	36.250	1.6887	3.2099
#1	-.00036	103.59	-.00109	-.00083	.00050	-.01154	.00327	269.47
#2	-.00034	99.850	-.00211	-.00064	.00131	-.01950	.00335	257.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00444	.00086	1469.6	.00193	-.00101	90.020	.00223	.91951
Stddev	.00010	.00055	53.5	.00056	.00002	2.548	.00025	.02906
%RSD	2.2372	63.810	3.6436	28.836	2.1029	2.8308	11.407	3.1603
#1	-.00451	.00047	1507.4	.00233	-.00103	91.822	.00241	.94006
#2	-.00437	.00125	1431.7	.00154	-.00100	88.218	.00205	.89897
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 213.83	1.6561	-.07864	-.00263	.04526	.0938	1.6877	6.0370
Stddev	1.37	.0342	.00083	.00138	.00261	.0019	.0462	.0654
%RSD	.64216	2.0655	1.0534	52.307	5.7740	1.988	2.7351	1.0828
#1	214.80	1.6802	-.07923	-.00166	.04711	.0924	1.7203	6.0832
#2	212.85	1.6319	-.07806	-.00360	.04341	.0951	1.6550	5.9908

Sample Name: J5810-01 Acquired: 11/8/2018 15:11:22 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1503
Stddev	.5795
%RSD	11.252

#1	5.5601
#2	4.7405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.9	52080.	4703.7	124.32	2934.2
Stddev	14.6	80.	96.7	.83	20.7
%RSD	.58007	.15354	2.0560	.66820	.70516

#1	2499.6	52024.	4635.3	123.73	2919.6
#2	2520.2	52137.	4772.1	124.91	2948.8

Sample Name: J5810-01DUP Acquired: 11/8/2018 15:15:28 Type: Unk
Method: P4-ICP2(v2557) 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	-.00346	.00350	-.00448	-.00339	-.01241	.02115	-.00007
Stddev	.00112	.00067	.00028	.00064	.00067	.02085	.00044	.00000
%RSD	118.76	19.207	7.9684	14.266	19.634	168.03	2.0757	5.0582
#1	-.00173	-.00394	.00369	-.00494	-.00292	.00233	.02084	-.00007
#2	-.00015	-.00299	.00330	-.00403	-.00386	-.02715	.02146	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	100.27	-.00146	-.00072	.00040	-.01175	.00326	259.74
Stddev	.00001	.04	.00004	.00016	.00046	.00505	.00004	1.32
%RSD	4.2998	.03600	2.8432	22.453	117.37	42.957	1.0872	.50810
#1	-.00026	100.30	-.00149	-.00083	.00072	-.01532	.00323	260.67
#2	-.00025	100.25	-.00143	-.00060	.00007	-.00818	.00328	258.81
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00457	.00023	1442.8	.00147	-.00090	88.928	.00179	.89828
Stddev	.00009	.00065	34.5	.00086	.00000	.136	.00015	.01314
%RSD	1.9214	280.71	2.3928	58.557	.28968	.15309	8.3992	1.4628
#1	-.00451	.00069	1467.2	.00208	-.00089	89.024	.00169	.90758
#2	-.00463	-.00023	1418.4	.00086	-.00090	88.831	.00190	.88899
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 216.20	1.6502	-.08083	-.00186	.04212	.0954	1.6622	5.9676
Stddev	2.45	.0068	.00008	.00259	.00028	.0014	.0048	.0969
%RSD	1.1324	.41039	.09998	139.22	.65815	1.495	.28980	1.6239
#1	214.47	1.6454	-.08089	-.00370	.04193	.0944	1.6656	6.0361
#2	217.94	1.6550	-.08077	-.00003	.04232	.0965	1.6588	5.8991

Sample Name: J5810-01DUP Acquired: 11/8/2018 15:15:28 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0250
Stddev	.3982
%RSD	7.9236

#1	4.7434
#2	5.3065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.8	52308.	4735.0	125.22	2911.9
Stddev	22.9	210.	6.0	1.05	20.5
%RSD	.91930	.40108	.12590	.83615	.70476

#1	2501.9	52160.	4730.7	125.96	2926.4
#2	2469.6	52457.	4739.2	124.48	2897.4

Sample Name: J5810-01LX5 Acquired: 11/8/2018 15:19:34 Type: Unk
Method: P4-ICP2(v2557) 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	-.00254	-.00245	.00208	.00131	-.00124	.00594	.00496	-.00006
Stddev	.00238	.00058	.00003	.00091	.00031	.00490	.00023	.00004
%RSD	93.822	23.640	1.6545	69.522	24.816	82.516	4.6106	59.026
#1	-.00085	-.00204	.00206	.00196	-.00145	.00248	.00512	-.00009
#2	-.00422	-.00286	.00211	.00067	-.00102	.00941	.00479	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	20.617	-.00080	-.00034	-.00025	.00925	.00054	52.008
Stddev	.00003	.002	.00034	.00003	.00024	.00233	.00004	.070
%RSD	13.151	.01093	42.812	9.7787	97.788	25.190	7.2376	.13528
#1	-.00024	20.619	-.00056	-.00032	-.00008	.00760	.00052	51.959
#2	-.00029	20.616	-.00104	-.00036	-.00042	.01090	.00057	52.058
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	.00032	372.63	.00104	-.00041	16.652	-.00014	.18245
Stddev	.00008	.00121	2.51	.00030	.00004	.082	.00014	.00339
%RSD	3.2711	383.96	.67438	28.325	9.7362	.49363	105.44	1.8564
#1	-.00239	-.00054	370.86	.00125	-.00044	16.710	-.00003	.18005
#2	-.00250	.00118	374.41	.00083	-.00039	16.594	-.00024	.18484
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.946	.33395	-.01541	-.00054	.01531	.0139	.32906	3.7864
Stddev	.060	.00533	.00045	.00088	.00042	.0019	.00038	.0350
%RSD	.15758	1.5962	2.9071	161.73	2.7301	13.42	.11611	.92365
#1	37.904	.33772	-.01509	.00008	.01501	.0126	.32933	3.7617
#2	37.988	.33018	-.01572	-.00117	.01561	.0152	.32879	3.8112

Sample Name: J5810-01LX5 Acquired: 11/8/2018 15:19:34 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5548
Stddev	.3806
%RSD	14.899

#1	2.2857
#2	2.8240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.3	60318.	5045.8	136.78	3563.0
Stddev	2.4	366.	9.8	2.19	9.8
%RSD	.08296	.60648	.19343	1.6001	.27380

#1	2885.6	60059.	5038.9	135.23	3569.9
#2	2889.0	60576.	5052.7	138.33	3556.1

Sample Name: LR CHECK1 Acquired: 11/8/2018 15:28:23 Type: Unk
Method: P4-ICP2(v2557) 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	-.06766	-.07954	-.11529	.02429	.04618	2156.4	.00317	-.00605
Stddev	.00216	.00122	.00114	.01691	.00401	3.8	.00139	.00006
%RSD	3.1872	1.5298	.98886	69.611	8.6865	.17442	43.963	.96249

#1	-.06918	-.07868	-.11610	.03625	.04334	2153.7	.00415	-.00601
#2	-.06613	-.08040	-.11449	.01234	.04902	2159.0	.00218	-.00609

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02279	1737.5	.13984	.04185	-.69213	956.33	-.00304	1766.4
Stddev	.00241	10.1	.00123	.00017	.02572	30.25	.00021	5.4
%RSD	10.568	.57910	.88128	.40554	3.7166	3.1635	6.7505	.30798

#1	.02108	1744.7	.13896	.04197	-.71032	977.72	-.00290	1770.2
#2	.02449	1730.4	.14071	.04173	-.67395	934.94	-.00319	1762.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17045	-.01766	1815.9	.00976	.08309	965.77	.01660	.12147
Stddev	.00015	.00407	44.6	.00032	.00201	6.71	.00079	.02227
%RSD	.08860	23.053	2.4581	3.2691	2.4182	.69464	4.7891	18.338

#1	.17056	-.01478	1847.4	.00953	.08451	961.03	.01716	.13722
#2	.17035	-.02054	1784.3	.00998	.08167	970.51	.01604	.10572

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43055	.00148	.03227	-.04528	.06698	.0476	-1.0334	3.2615
Stddev	.02687	.00200	.00639	.00163	.00024	.0016	.0334	.0858
%RSD	6.2399	135.24	19.796	3.5941	.36145	3.419	3.2287	2.6321

#1	.44955	.00289	.03678	-.04413	.06716	.0487	-1.0569	3.3222
#2	.41156	.00006	.02775	-.04643	.06681	.0464	-1.0098	3.2008

Sample Name: LR CHECK1 Acquired: 11/8/2018 15:28:23 Type: Unk
Method: P4-ICP2(v2557) 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	2092.8	44367.	4335.5	95.008	2068.7
Stddev	6.8	111.	4.4	2.411	5.1
%RSD	.32556	.25113	.10112	2.5373	.24642
#1	2088.0	44288.	4338.6	93.303	2065.1
#2	2097.6	44446.	4332.4	96.712	2072.3

Sample Name: CCV03 Acquired: 11/8/2018 15:32:44 Type: Unk
Method: P4-ICP2(v2557) 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	5.0800	4.9101	5.0343	5.0296	4.9740	9.8092	9.9710	.24678
Stddev	.0184	.0131	.0060	.0140	.0215	.0370	.1196	.00015
%RSD	.36127	.26736	.11938	.27841	.43189	.37753	1.1990	.06240
#1	5.0930	4.9193	5.0301	5.0395	4.9892	9.8354	10.056	.24689
#2	5.0670	4.9008	5.0386	5.0197	4.9588	9.7830	9.8864	.24667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4878	24.736	.98723	2.5106	1.2328	4.9931	2.4922	24.887
Stddev	.0020	.371	.00130	.0022	.0063	.0962	.0038	.063
%RSD	.08043	1.5002	.13125	.08592	.51401	1.9260	.15256	.25141
#1	2.4892	24.999	.98815	2.5122	1.2373	5.0611	2.4948	24.931
#2	2.4864	24.474	.98632	2.5091	1.2283	4.9251	2.4895	24.842
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5360	1.2554	22.538	2.4854	2.5156	26.076	5.0361	4.9713
Stddev	.0014	.0032	.156	.0003	.0690	.479	.0103	.0333
%RSD	.05478	.25511	.69032	.01073	2.7435	1.8353	.20524	.66899
#1	2.5370	1.2577	22.648	2.4856	2.5644	26.414	5.0434	4.9948
#2	2.5350	1.2532	22.428	2.4852	2.4668	25.737	5.0288	4.9478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9844	4.9578	5.0032	5.0434	4.9235	4.930	5.0226	F 3.1032
Stddev	.0319	.0736	.0022	.0405	.0651	.020	.0692	.1034
%RSD	.63954	1.4840	.04453	.80226	1.3219	.4004	1.3786	3.3319
#1	5.0070	5.0098	5.0048	5.0720	4.9696	4.944	5.0716	3.1763
#2	4.9619	4.9057	5.0016	5.0148	4.8775	4.916	4.9737	3.0300

Sample Name: CCV03 Acquired: 11/8/2018 15:32:44 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0873
Stddev .5719
%RSD 27.398

#1 1.6829
#2 2.4917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.9	64371.	5232.0	137.43	3772.5
Stddev	14.0	243.	85.8	3.87	11.4
%RSD	.46183	.37684	1.6390	2.8147	.30262

#1	3031.0	64200.	5171.3	134.69	3764.4
#2	3050.8	64543.	5292.6	140.16	3780.6

Sample Name: CCB03 Acquired: 11/8/2018 15:36:27 Type: Unk
Method: P4-ICP2(v2557) 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	-.00052	-.00010	.00180	-.00151	.00448	.00057	-.00013
Stddev	.00000	.00029	.00023	.00019	.00044	.02096	.00044	.00001
%RSD	.28606	55.986	228.63	10.336	28.811	467.58	77.373	8.9436
#1	-.00051	-.00072	-.00027	.00193	-.00182	.01930	.00026	-.00014
#2	-.00052	-.00031	.00006	.00167	-.00120	-.01034	.00089	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01211	-.00027	-.00010	-.00029	.00455	-.00011	.00959
Stddev	.00004	.02990	.00001	.00007	.00006	.00468	.00004	.00727
%RSD	77.934	246.96	3.7072	72.381	22.372	102.97	37.838	75.866
#1	-.00002	.03326	-.00026	-.00005	-.00024	.00786	-.00008	.01473
#2	-.00007	-.00904	-.00028	-.00015	-.00033	.00124	-.00014	.00444
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	.00029	.72040	.00010	-.00012	.68425	-.00015	.00495
Stddev	.00015	.00026	.02468	.00058	.00007	.04980	.00010	.00356
%RSD	26.912	89.810	3.4264	595.71	57.452	7.2773	65.632	71.884
#1	.00066	.00048	.73785	-.00031	-.00017	.71947	-.00022	.00244
#2	.00045	.00011	.70295	.00051	-.00007	.64904	-.00008	.00747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01345	.00271	.00016	.00122	.00317	-.0010	-.00001	F 1.8820
Stddev	.00042	.00006	.00009	.00185	.00060	.0003	.00003	.0641
%RSD	3.1276	2.1894	59.902	151.64	18.983	31.10	276.37	3.4036
#1	.01375	.00267	.00009	-.00009	.00275	-.0012	-.00003	1.8368
#2	.01315	.00275	.00022	.00253	.00360	-.0008	.00001	1.9273

Sample Name: CCB03 Acquired: 11/8/2018 15:36:27 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .12652
Stddev .59423
%RSD 469.68

#1 -.29367
#2 .54670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.6	68278.	5284.4	143.26	4394.3
Stddev	5.1	173.	8.1	2.03	2.7
%RSD	.15642	.25367	.15382	1.4190	.06219

#1	3238.2	68400.	5290.2	144.70	4396.2
#2	3231.0	68155.	5278.7	141.83	4392.4

Sample Name: J5810-01MS Acquired: 11/8/2018 15:40:31 Type: Unk
Method: P4-ICP2(v2557) 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	.98058	2.0441	1.1159	2.4129	.92980	2.5736	.25782	.25934
Stddev	.05390	.1154	.0655	.1536	.05496	.0244	.00199	.00057
%RSD	5.4970	5.6436	5.8733	6.3666	5.9110	.94967	.77101	.22136
#1	1.0187	2.1256	1.1623	2.5216	.96867	2.5564	.25642	.25893
#2	.94246	1.9625	1.0696	2.3043	.89094	2.5909	.25923	.25974
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22541	99.828	.46392	.23006	.31870	3.4516	.23633	258.82
Stddev	.01285	.105	.00270	.01306	.01964	.0330	.00043	.62
%RSD	5.6994	.10493	.58132	5.6760	6.1619	.95488	.18293	.24054
#1	.23449	99.902	.46201	.23929	.33259	3.4749	.23602	258.38
#2	.21632	99.754	.46583	.22082	.30482	3.4283	.23663	259.26
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57162	.09395	1535.0	.36156	.22421	98.957	.45716	1.2340
Stddev	.03316	.00068	.6	.00015	.00252	.568	.02767	.0059
%RSD	5.8002	.72130	.03931	.04144	1.1227	.57444	6.0532	.47429
#1	.59506	.09347	1535.4	.36145	.22599	98.555	.47673	1.2382
#2	.54817	.09443	1534.6	.36166	.22243	99.359	.43760	1.2299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 203.08	2.6946	.73808	.23660	.29143	7.957	1.8616	5.6163
Stddev	11.53	.0301	.04263	.00118	.00366	.443	.0013	.0303
%RSD	5.6775	1.1168	5.7753	.49922	1.2574	5.567	.07061	.53898
#1	211.23	2.6734	.76822	.23743	.28884	8.270	1.8625	5.5949
#2	194.92	2.7159	.70794	.23576	.29402	7.644	1.8607	5.6377

Sample Name: J5810-01MS Acquired: 11/8/2018 15:40:31 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6464
Stddev	.5659
%RSD	15.520

#1	4.0466
#2	3.2463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.8	53626.	4818.4	128.04	3077.9
Stddev	134.1	141.	8.2	.22	148.0
%RSD	5.0396	.26330	.17059	.17442	4.8078

#1	2566.0	53726.	4824.2	127.88	2973.3
#2	2755.6	53526.	4812.6	128.20	3182.6

Sample Name: J5810-01MSD Acquired: 11/8/2018 15:44:24 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0219	2.1272	1.1642	2.5203	.97105	2.5514	.25938	.25824
Stddev	.0072	.0158	.0100	.0285	.01135	.0208	.00078	.00048
%RSD	.70358	.74367	.85693	1.1303	1.1693	.81320	.30076	.18638

#1	1.0168	2.1160	1.1572	2.5002	.96302	2.5367	.25993	.25858
#2	1.0270	2.1384	1.1713	2.5405	.97907	2.5660	.25883	.25790

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23537	100.71	.46113	.23908	.33328	3.4425	.23556	259.53
Stddev	.00156	.52	.00220	.00232	.00198	.0201	.00011	2.24
%RSD	.66082	.52058	.47698	.97134	.59423	.58506	.04709	.86411

#1	.23427	101.08	.45957	.23744	.33188	3.4567	.23548	261.12
#2	.23647	100.34	.46268	.24073	.33468	3.4282	.23564	257.95

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59387	.09276	1472.1	.36043	.22695	101.12	.47657	1.2329
Stddev	.00676	.00017	41.7	.00071	.00177	.10	.00543	.0022
%RSD	1.1386	.17965	2.8352	.19780	.77970	.10119	1.1390	.18050

#1	.58909	.09288	1501.7	.36094	.22820	101.20	.47273	1.2344
#2	.59865	.09265	1442.6	.35993	.22570	101.05	.48041	1.2313

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 211.68	2.7177	.76724	.23586	.29570	8.309	1.8792	5.7446
Stddev	1.33	.0028	.00571	.00325	.00028	.036	.0084	.1035
%RSD	.62843	.10395	.74464	1.3799	.09379	.4282	.44609	1.8016

#1	210.74	2.7197	.76320	.23816	.29550	8.284	1.8851	5.6714
#2	212.62	2.7157	.77128	.23355	.29590	8.335	1.8732	5.8178

Sample Name: J5810-01MSD Acquired: 11/8/2018 15:44:24 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5460
Stddev .2322
%RSD 6.5470

#1 3.3819
#2 3.7102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.6	53248.	4750.4	126.90	2957.9
Stddev	24.8	333.	33.8	.72	28.2
%RSD	.97031	.62448	.71184	.56812	.95188

#1	2574.2	53483.	4726.5	126.39	2977.9
#2	2539.1	53013.	4774.3	127.41	2938.0

Sample Name: J5810-01A Acquired: 11/8/2018 15:48:16 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0202	2.1094	1.1551	2.5063	.97206	2.6378	.26082	.26722
Stddev	.0002	.0029	.0007	.0037	.00026	.1579	.00034	.01679
%RSD	.02270	.13639	.06217	.14858	.02661	5.9863	.13116	6.2844
#1	1.0201	2.1114	1.1546	2.5089	.97188	2.5262	.26106	.25535
#2	1.0204	2.1073	1.1556	2.5037	.97224	2.7495	.26057	.27910
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23361	100.44	.47640	.23737	.33106	3.4344	.24362	262.39
Stddev	.00020	.76	.02742	.00050	.00176	.0034	.01408	2.91
%RSD	.08469	.75401	5.7548	.21149	.53199	.10031	5.7793	1.1088
#1	.23347	100.98	.45701	.23772	.33230	3.4368	.23366	264.44
#2	.23375	99.905	.49579	.23701	.32981	3.4320	.25357	260.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59104	.09612	1424.6	.37197	.22824	101.86	.47515	1.2385
Stddev	.00051	.00661	19.4	.02006	.00294	.84	.00186	.0059
%RSD	.08552	6.8755	1.3612	5.3926	1.2862	.82193	.39177	.47728
#1	.59068	.09144	1438.3	.35778	.23032	102.45	.47384	1.2426
#2	.59139	.10079	1410.9	.38615	.22616	101.26	.47647	1.2343
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 210.48	2.7287	.76404	.23877	.29654	8.263	1.8810	6.0599
Stddev	.41	.0241	.00003	.00188	.00135	.023	.0143	.6588
%RSD	.19362	.88192	.00357	.78685	.45615	.2813	.76115	10.871
#1	210.20	2.7117	.76406	.23744	.29750	8.246	1.8911	5.5940
#2	210.77	2.7457	.76402	.24009	.29559	8.279	1.8709	6.5257

Sample Name: J5810-01A Acquired: 11/8/2018 15:48:16 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7791
Stddev .1074
%RSD 2.8417

#1 3.8550
#2 3.7032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.1	51731.	4708.2	125.99	2963.2
Stddev	1.4	2681.	38.0	1.78	4.9
%RSD	.05386	5.1820	.80752	1.4116	.16521

#1	2556.1	53627.	4681.3	124.73	2966.7
#2	2554.1	49836.	4735.1	127.25	2959.7

Sample Name: J5829-01 Acquired: 11/8/2018 15:52:10 Type: Unk
Method: P4-ICP2(v2557) 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	.00177	-.00279	.00103	-.00270	-.00411	.00079	.01477	.00001
Stddev	.00016	.00219	.00062	.00284	.00136	.00536	.00044	.00006
%RSD	9.0712	78.667	60.223	104.95	33.030	678.01	2.9906	631.87

#1	.00166	-.00124	.00059	-.00471	-.00315	-.00300	.01445	-.00003
#2	.00189	-.00434	.00146	-.00070	-.00507	.00458	.01508	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	32.713	-.00047	-.00028	.00130	.01054	.00080	25.587
Stddev	.00008	.038	.00036	.00001	.00037	.00515	.00002	.252
%RSD	261.04	.11659	77.571	4.2319	28.420	48.840	2.7706	.98330

#1	.00002	32.740	-.00072	-.00029	.00156	.01418	.00081	25.765
#2	-.00008	32.686	-.00021	-.00027	.00103	.00690	.00078	25.409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	.00028	170.85	.00097	-.00172	8.9889	.00054	.09161
Stddev	.00008	.00029	2.77	.00022	.00002	.0467	.00002	.00171
%RSD	8.0937	102.81	1.6239	22.360	1.4336	.51991	3.6845	1.8685

#1	-.00093	.00048	168.89	.00082	-.00170	9.0220	.00055	.09282
#2	-.00104	.00008	172.81	.00112	-.00173	8.9559	.00053	.09040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.266	2.2494	-.00769	.00047	.00367	.0548	.25228	2.9808
Stddev	.006	.0022	.00027	.00090	.00197	.0010	.00084	.0288
%RSD	.03557	.09928	3.5021	189.21	53.617	1.823	.33214	.96526

#1	18.271	2.2478	-.00788	.00111	.00228	.0555	.25169	2.9605
#2	18.261	2.2509	-.00750	-.00016	.00506	.0541	.25288	3.0012

Sample Name: J5829-01 Acquired: 11/8/2018 15:52:10 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5699
Stddev	.1406
%RSD	8.9587

#1	1.4704
#2	1.6693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.5	63062.	5107.6	140.49	3778.8
Stddev	4.1	18.	9.9	1.54	1.7
%RSD	.13821	.02892	.19394	1.0984	.04415

#1	2975.4	63075.	5114.6	139.40	3780.0
#2	2969.6	63049.	5100.6	141.58	3777.6

Sample Name: J5829-01DUP Acquired: 11/8/2018 15:56:17 Type: Unk
Method: P4-ICP2(v2557) 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	-.00169	-.00195	.00043	-.00125	-.00275	.01300	.01512	-.00002
Stddev	.00124	.00106	.00124	.00190	.00069	.00386	.00018	.00003
%RSD	73.245	54.389	285.98	152.39	24.924	29.722	1.2103	204.71
#1	-.00257	-.00120	-.00044	.00010	-.00323	.01027	.01525	.00001
#2	-.00082	-.00270	.00131	-.00259	-.00226	.01573	.01499	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	32.855	-.00069	-.00029	.00174	.00843	.00079	25.758
Stddev	.00011	.222	.00009	.00003	.00019	.00355	.00010	.089
%RSD	115.28	.67652	13.168	10.793	11.035	42.084	12.590	.34365
#1	-.00002	32.697	-.00062	-.00031	.00160	.01094	.00086	25.695
#2	-.00017	33.012	-.00075	-.00027	.00188	.00592	.00072	25.820
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00062	177.38	.00115	-.00164	8.6146	.00007	.09277
Stddev	.00018	.00087	2.70	.00062	.00001	.0713	.00019	.00246
%RSD	24.111	140.37	1.5216	53.826	.45901	.82795	267.18	2.6559
#1	-.00089	.00000	175.47	.00159	-.00165	8.5641	.00020	.09103
#2	-.00063	.00124	179.29	.00071	-.00164	8.6650	-.00006	.09451
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.144	2.2644	-.00723	-.00078	.00337	.0532	.25345	2.9485
Stddev	.000	.0408	.00053	.00021	.00123	.0032	.00377	.0701
%RSD	.00006	1.7996	7.3543	27.198	36.411	6.087	1.4885	2.3763
#1	18.144	2.2356	-.00685	-.00093	.00423	.0555	.25078	2.9981
#2	18.144	2.2932	-.00760	-.00063	.00250	.0509	.25612	2.8990

Sample Name: J5829-01DUP Acquired: 11/8/2018 15:56:17 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6865
Stddev .0619
%RSD 3.6736

#1 1.7303
#2 1.6427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.4	62970.	5111.1	139.92	3785.2
Stddev	8.0	148.	64.1	4.37	.0
%RSD	.27039	.23520	1.2536	3.1233	.00075

#1	2974.1	62865.	5156.4	143.01	3785.2
#2	2962.7	63075.	5065.8	136.83	3785.2

Sample Name: J5829-01LX5 Acquired: 11/8/2018 16:04:36 Type: Unk
Method: P4-ICP2(v2557) 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	-.00188	-.00156	-.00056	.00262	-.00085	-.00265	.00280	-.00007
Stddev	.00197	.00008	.00005	.00172	.00059	.00229	.00102	.00001
%RSD	105.11	4.9621	8.5391	65.587	68.585	86.566	36.575	9.6146

#1	-.00328	-.00151	-.00052	.00384	-.00044	-.00427	.00353	-.00007
#2	-.00048	-.00162	-.00059	.00141	-.00127	-.00103	.00208	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	6.3779	.00001	-.00002	-.00005	.00037	.00006	4.9318
Stddev	.00005	.0431	.00021	.00013	.00041	.00525	.00001	.0015
%RSD	87.099	.67579	1683.5	619.84	766.05	1434.1	21.664	.02962

#1	-.00008	6.3474	-.00014	-.00011	-.00034	.00408	.00005	4.9308
#2	-.00002	6.4084	.00016	.00007	.00023	-.00335	.00007	4.9329

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00036	34.568	.00009	-.00056	1.8627	-.00011	.01572
Stddev	.00090	.00027	.038	.00010	.00001	.0785	.00012	.00523
%RSD	265.28	76.667	.10970	108.89	1.6883	4.2167	103.24	33.288

#1	-.00030	.00055	34.594	.00002	-.00055	1.8072	-.00003	.01202
#2	.00098	.00016	34.541	.00015	-.00056	1.9182	-.00020	.01942

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2879	.43952	-.00058	-.00049	.00222	.0103	.05009	1.7363
Stddev	.0161	.00295	.00093	.00089	.00154	.0013	.00009	.3205
%RSD	.48957	.67131	159.67	182.27	69.340	12.52	.17149	18.458

#1	3.2993	.43743	.00008	-.00112	.00113	.0094	.05015	1.9629
#2	3.2766	.44160	-.00124	.00014	.00332	.0112	.05003	1.5097

Sample Name: J5829-01LX5 Acquired: 11/8/2018 16:04:36 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.65004
Stddev	.23519
%RSD	36.180

#1	.81635
#2	.48374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.1	67531.	5302.1	145.65	4133.1
Stddev	1.2	984.	2.0	.26	7.9
%RSD	.03750	1.4566	.03833	.18154	.19213

#1	3133.3	66836.	5300.7	145.47	4127.5
#2	3134.9	68227.	5303.5	145.84	4138.7

Sample Name: J5829-01MS Acquired: 11/8/2018 16:08:38 Type: Unk
Method: P4-ICP2(v2557) 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	.99232	2.2536	1.1788	2.4903	.97628	2.4075	.26053	.24492
Stddev	.00172	.0167	.0118	.0014	.00351	.0549	.00103	.00559
%RSD	.17360	.74110	.99984	.05824	.35948	2.2800	.39496	2.2810

#1	.99110	2.2418	1.1705	2.4913	.97380	2.3687	.26125	.24097
#2	.99354	2.2654	1.1872	2.4893	.97876	2.4463	.25980	.24887

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23470	33.679	.47727	.23835	.35723	3.6341	.24216	27.957
Stddev	.00128	.003	.01284	.00205	.00084	.0707	.00694	.172
%RSD	.54456	.00744	2.6912	.86121	.23574	1.9444	2.8672	.61458

#1	.23380	33.677	.46818	.23690	.35782	3.5842	.23725	28.079
#2	.23560	33.681	.48635	.23981	.35663	3.6841	.24707	27.836

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60070	.08305	184.81	.36678	.24753	20.344	.50808	.44884
Stddev	.00389	.00281	.47	.01176	.00239	.026	.00063	.00405
%RSD	.64690	3.3820	.25574	3.2052	.96506	.12598	.12386	.90164

#1	.59796	.08106	185.14	.35846	.24584	20.362	.50853	.44598
#2	.60345	.08503	184.47	.37509	.24922	20.326	.50764	.45170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.849	3.3719	.85989	.25331	.24181	7.261	.49273	3.2972
Stddev	.139	.0031	.01023	.00074	.00034	.065	.00022	.3659
%RSD	.77643	.09130	1.1899	.29349	.14179	.8992	.04416	11.098

#1	17.751	3.3741	.85266	.25383	.24156	7.215	.49257	3.0385
#2	17.947	3.3698	.86713	.25278	.24205	7.307	.49288	3.5560

Sample Name: J5829-01MS Acquired: 11/8/2018 16:08:38 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .17506
%RSD 112.91

#1 -.27884
#2 -.03126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.5	62619.	5039.3	136.82	3751.0
Stddev	9.6	1536.	21.6	1.29	33.9
%RSD	.32164	2.4525	.42883	.94020	.90416

#1	2984.3	63705.	5024.1	137.73	3775.0
#2	2970.7	61533.	5054.6	135.91	3727.0

Sample Name: J5829-01MSD Acquired: 11/8/2018 16:12:33 Type: Unk
Method: P4-ICP2(v2557) 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	.99571	2.2554	1.1757	2.4996	.97632	2.3656	.26126	.24350
Stddev	.00453	.0247	.0080	.0149	.00280	.0170	.00140	.00101
%RSD	.45521	1.0960	.68086	.59703	.28641	.71756	.53646	.41436

#1	.99250	2.2380	1.1700	2.4891	.97434	2.3776	.26225	.24278
#2	.99891	2.2729	1.1814	2.5102	.97830	2.3536	.26027	.24421

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23451	33.599	.47357	.23888	.35933	3.5175	.23954	27.905
Stddev	.00210	.030	.00022	.00222	.00033	.0359	.00010	.174
%RSD	.89690	.08918	.04668	.92969	.09299	1.0213	.04337	.62515

#1	.23302	33.620	.47373	.23731	.35910	3.5429	.23947	28.029
#2	.23600	33.578	.47342	.24045	.35957	3.4921	.23962	27.782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59962	.08308	183.33	.36298	.24064	20.306	.50876	.45296
Stddev	.00474	.00120	.75	.00020	.00137	.126	.00118	.00220
%RSD	.79033	1.4475	.40801	.05482	.57123	.62286	.23197	.48617

#1	.59627	.08393	182.81	.36284	.24161	20.216	.50793	.45451
#2	.60297	.08223	183.86	.36312	.23967	20.395	.50960	.45140

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.791	3.3862	.85842	.25032	.24115	7.236	.48945	3.2400
Stddev	.150	.0180	.00667	.00079	.00087	.062	.00225	.0302
%RSD	.84047	.53042	.77726	.31425	.36016	.8614	.46069	.93088

#1	17.685	3.3735	.85370	.24976	.24054	7.192	.48785	3.2614
#2	17.897	3.3989	.86314	.25088	.24177	7.280	.49104	3.2187

Sample Name: J5829-01MSD Acquired: 11/8/2018 16:12:33 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .13048
%RSD 42.852

#1 -.21223
#2 -.39677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.1	62956.	5026.6	139.77	3736.3
Stddev	7.5	100.	15.4	.43	34.0
%RSD	.25418	.15845	.30594	.30523	.91116

#1	2964.4	63026.	5037.5	139.47	3760.4
#2	2953.8	62885.	5015.8	140.08	3712.3

Sample Name: PB114624BL Acquired: 11/8/2018 16:20:21 Type: Unk
Method: P4-ICP2(v2557) 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	-.00324	-.00186	-.00082	.00187	.00010	.00753	-.00070
Stddev	.00176	.00022	.00062	.00119	.00034	.00283	.00075
%RSD	54.219	11.611	75.499	63.802	341.37	37.649	107.22

#1	-.00200	-.00171	-.00038	.00103	.00034	.00552	-.00017
#2	-.00449	-.00201	-.00125	.00271	-.00014	.00953	-.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00003	.01315	-.00050	.00009	-.00014	.00456
Stddev	.00002	.00000	.00523	.00023	.00001	.00038	.00881
%RSD	17.155	8.2410	39.752	46.560	6.8724	278.14	193.19

#1	-.00009	.00003	.01684	-.00034	.00009	.00013	.01079
#2	-.00011	.00003	.00945	-.00067	.00010	-.00040	-.00167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.02752	.00076	.00033	F .51787	-.00009	-.00025
Stddev	.00002	.00321	.00005	.00006	.02263	.00037	.00026
%RSD	13.358	11.656	5.9471	18.545	4.3701	395.28	101.74

#1	-.00015	.02525	.00079	.00038	.53387	-.00035	-.00007
#2	-.00013	.02979	.00073	.00029	.50186	.00017	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31724	-.00014	.00064	F .02920	.00120	-.00069	-.00060
Stddev	.00336	.00003	.00321	.00352	.00026	.00018	.00011
%RSD	1.0606	21.072	504.52	12.051	21.572	25.767	18.037

#1	.31962	-.00016	-.00164	.03169	.00139	-.00081	-.00053
#2	.31486	-.00012	.00291	.02671	.00102	-.00056	-.00068

Sample Name: PB114624BL Acquired: 11/8/2018 16:20:21 Type: Unk
 Method: P4-ICP2(v2557) 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	-.00071	.0003	.00012	F 2.0000	F<.00000
Stddev	.00081	.0012	.00004	.1837	.91927
%RSD	113.41	377.2	28.266	9.1863	556.38
#1	-.00129	-.0006	.00010	2.1299	-.81524
#2	-.00014	.0012	.00015	1.8700	.48480
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.1	67355.	5222.9	143.51	4330.4
Stddev	3.7	17.	.4	5.57	.2
%RSD	.11476	.02571	.00843	3.8801	.00498
#1	3179.5	67342.	5222.6	139.58	4330.6
#2	3184.7	67367.	5223.2	147.45	4330.3

Sample Name: J5829-01A Acquired: 11/8/2018 16:24:26 Type: Unk
Method: P4-ICP2(v2557) 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	.87513	1.9911	1.0367	2.1924	.85886	2.0870	.23332	.21511
Stddev	.00614	.0097	.0040	.0085	.00947	.0170	.00136	.00032
%RSD	.70181	.48868	.38671	.38876	1.1022	.81356	.58350	.14913
#1	.87947	1.9980	1.0395	2.1985	.86555	2.0990	.23428	.21533
#2	.87079	1.9843	1.0339	2.1864	.85216	2.0750	.23235	.21488
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20741	33.372	.41660	.21047	.31489	3.1731	.21251	27.818
Stddev	.00076	.383	.00022	.00037	.00169	.0169	.00024	.061
%RSD	.36724	1.1477	.05205	.17445	.53807	.53330	.11456	.21945
#1	.20795	33.642	.41645	.21073	.31608	3.1851	.21234	27.861
#2	.20687	33.101	.41676	.21021	.31369	3.1612	.21268	27.775
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53062	.07190	183.57	.32140	.21432	18.883	.44650	.41734
Stddev	.00158	.00014	.35	.00033	.00110	.035	.00370	.00003
%RSD	.29725	.19392	.18839	.10204	.51274	.18618	.82889	.00759
#1	.53174	.07200	183.82	.32163	.21354	18.908	.44912	.41731
#2	.52951	.07180	183.33	.32117	.21510	18.859	.44389	.41736
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.920	3.2303	.75753	.22093	.21312	6.396	.46379	3.1788
Stddev	.051	.0077	.00462	.00168	.00106	.039	.00077	.1465
%RSD	.28316	.23849	.60968	.75879	.49742	.6113	.16508	4.6072
#1	17.956	3.2357	.76080	.21975	.21387	6.424	.46325	3.2823
#2	17.884	3.2248	.75427	.22212	.21237	6.368	.46433	3.0752

Sample Name: J5829-01A Acquired: 11/8/2018 16:24:26 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0542
Stddev	.3433
%RSD	32.561

#1	.81145
#2	1.2969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.6	63064.	5057.3	139.12	3742.3
Stddev	24.0	26.	11.5	.43	17.0
%RSD	.80462	.04068	.22828	.30593	.45438

#1	2963.6	63082.	5049.2	139.42	3730.3
#2	2997.6	63046.	5065.5	138.82	3754.3

Sample Name: CCV04 Acquired: 11/8/2018 16:28:20 Type: Unk
Method: P4-ICP2(v2557) 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	5.1821	4.9687	5.1210	5.1221	5.0518	9.8531	10.297	.24916
Stddev	.0121	.0086	.0014	.0311	.0219	.0881	.018	.00126
%RSD	.23366	.17272	.02823	.60703	.43418	.89414	.17790	.50515
#1	5.1906	4.9747	5.1221	5.1441	5.0673	9.7908	10.284	.24827
#2	5.1735	4.9626	5.1200	5.1001	5.0362	9.9154	10.310	.25005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5206	25.361	.98761	2.5490	1.2403	5.2230	2.5109	25.321
Stddev	.0001	.047	.00633	.0033	.0004	.0868	.0111	.052
%RSD	.00565	.18426	.64090	.12979	.03359	1.6621	.44108	.20467
#1	2.5207	25.328	.98313	2.5514	1.2406	5.1616	2.5031	25.358
#2	2.5205	25.394	.99208	2.5467	1.2400	5.2844	2.5187	25.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5769	1.2634	24.402	2.5146	2.6427	25.751	5.1098	5.0872
Stddev	.0004	.0081	.125	.0050	.0527	.091	.0103	.0144
%RSD	.01671	.63923	.51111	.19872	1.9927	.35415	.20155	.28384
#1	2.5766	1.2577	24.314	2.5111	2.6054	25.686	5.1171	5.0975
#2	2.5772	1.2691	24.490	2.5181	2.6799	25.815	5.1025	5.0770
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0783	5.1209	5.0912	5.1541	5.0537	4.993	5.0985	F 3.0520
Stddev	.0068	.0127	.0116	.0114	.0001	.001	.0184	.1521
%RSD	.13318	.24699	.22820	.22037	.00249	.0156	.36031	4.9825
#1	5.0831	5.1119	5.0994	5.1621	5.0538	4.993	5.1115	2.9445
#2	5.0735	5.1298	5.0830	5.1460	5.0536	4.994	5.0855	3.1595

Sample Name: CCV04 Acquired: 11/8/2018 16:28:20 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5781
Stddev .1822
%RSD 7.0684

#1 2.4492
#2 2.7070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.7	64003.	5088.9	131.48	3721.0
Stddev	14.3	271.	7.7	2.24	15.1
%RSD	.47509	.42390	.15047	1.7066	.40607

#1	2999.6	64195.	5083.5	133.07	3710.3
#2	3019.8	63811.	5094.3	129.89	3731.6

Sample Name: CCB04 Acquired: 11/8/2018 16:32:10 Type: Unk
Method: P4-ICP2(v2557) 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	-.00112	-.00190	.00026	-.00001	-.00128	.00216	-.00056
Stddev	.00117	.00062	.00032	.00095	.00174	.00143	.00028
%RSD	104.82	32.727	124.30	10785.	135.92	66.423	50.501

#1	-.00029	-.00235	.00003	.00066	-.00005	.00114	-.00036
#2	-.00195	-.00146	.00049	-.00068	-.00251	.00317	-.00076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00001	.03047	-.00016	-.00001	-.00008	-.00044
Stddev	.00006	.00004	.01119	.00018	.00020	.00053	.00277
%RSD	49.865	604.76	36.735	113.01	1457.9	659.36	626.55

#1	-.00008	-.00002	.03838	-.00029	.00013	.00030	-.00240
#2	-.00017	.00004	.02255	-.00003	-.00016	-.00046	.00151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.01109	.00089	.00023	.23568	.00036	-.00019
Stddev	.00000	.03233	.00019	.00014	.00277	.00022	.00003
%RSD	3.2344	291.43	21.192	59.778	1.1742	61.584	15.036

#1	-.00014	.01177	.00075	.00032	.23372	.00051	-.00021
#2	-.00014	-.03395	.00102	.00013	.23763	.00020	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17272	-.00011	.00034	F .01287	.00207	.00032	-.00062
Stddev	.01040	.00005	.01222	.00211	.00093	.00089	.00101
%RSD	6.0236	40.652	3631.7	16.390	45.124	276.40	161.76

#1	.18007	-.00014	.00898	.01436	.00273	.00095	.00009
#2	.16536	-.00008	-.00830	.01138	.00141	-.00031	-.00134

Sample Name: CCB04 Acquired: 11/8/2018 16:32:10 Type: Unk
 Method: P4-ICP2(v2557) 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	.00053	-.0014	.00002	F 1.6691	F<.00000
Stddev	.00021	.0022	.00006	.1099	.39157
%RSD	38.740	154.8	261.49	6.5871	73.839

#1	.00068	-.0030	.00007	1.7468	-.80717
#2	.00039	.0001	-.00002	1.5914	-.25342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.3	68402.	5256.7	143.33	4367.8
Stddev	8.0	236.	35.2	.64	.6
%RSD	.24994	.34558	.67037	.44400	.01420

#1	3206.6	68235.	5281.7	143.78	4368.3
#2	3217.9	68569.	5231.8	142.88	4367.4

Sample Name: PB114634BL Acquired: 11/8/2018 16:36:15 Type: Unk
Method: P4-ICP2(v2557) 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	-.00196	-.00089	-.00023	.00197	-.00184	.00191	-.00030	-.00013
Stddev	.00107	.00057	.00020	.00192	.00140	.00205	.00038	.00003
%RSD	54.456	64.659	86.146	97.804	76.025	107.47	126.08	23.781

#1	-.00121	-.00129	-.00037	.00333	-.00085	.00336	-.00003	-.00011
#2	-.00272	-.00048	-.00009	.00061	-.00284	.00046	-.00056	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01203	-.00029	-.00033	-.00031	.00528	-.00013	-.00640
Stddev	.00002	.00694	.00024	.00003	.00016	.00760	.00004	.00568
%RSD	197.34	57.683	84.423	8.3822	50.798	143.81	28.889	88.765

#1	-.00002	.00712	-.00012	-.00035	-.00042	-.00009	-.00010	-.00238
#2	.00000	.01694	-.00046	-.00031	-.00020	.01066	-.00015	-.01041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00004	.19814	-.00009	-.00028	.14717	-.00013	-.00021
Stddev	.00038	.00009	.01297	.00013	.00006	.02895	.00038	.00874
%RSD	88.988	217.95	6.5464	149.40	21.457	19.673	294.24	4240.0

#1	.00069	.00011	.20731	.00000	-.00033	.12670	.00014	.00597
#2	.00016	-.00002	.18897	-.00018	-.00024	.16764	-.00040	-.00639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00871	.00083	-.00050	.00032	.00037	-.0010	-.00008	F 1.5619
Stddev	.00041	.00168	.00086	.00070	.00207	.0002	.00010	.0955
%RSD	4.7505	202.83	171.28	216.48	555.00	19.07	122.24	6.1157

#1	.00841	.00201	-.00110	-.00017	-.00109	-.0011	-.00015	1.4943
#2	.00900	-.00036	.00011	.00082	.00184	-.0008	-.00001	1.6294

Sample Name: PB114634BL Acquired: 11/8/2018 16:36:15 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .08037
Stddev	.54147
%RSD	673.69

#1	-.30250
#2	.46325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.5	68331.	5254.0	146.19	4367.9
Stddev	3.5	39.	34.4	1.01	1.1
%RSD	.10996	.05687	.65402	.68927	.02548

#1	3212.0	68303.	5229.7	145.48	4367.2
#2	3217.0	68358.	5278.3	146.90	4368.7

Sample Name: PB114612BL Acquired: 11/8/2018 16:40:18 Type: Unk
Method: P4-ICP2(v2557) 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	-.00304	-.00090	-.00045	-.00053	-.00186	.00104	-.00081
Stddev	.00023	.00060	.00046	.00198	.00045	.00064	.00002
%RSD	7.5980	66.713	102.72	374.81	24.450	61.634	2.8767

#1	-.00288	-.00047	-.00078	-.00192	-.00154	.00059	-.00079
#2	-.00320	-.00132	-.00012	.00087	-.00218	.00150	-.00082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00004	.01200	-.00040	-.00021	-.00014	.00590
Stddev	.00001	.00003	.00800	.00026	.00000	.00009	.00436
%RSD	15.663	79.644	66.679	65.932	.69939	64.169	73.921

#1	-.00010	.00006	.01766	-.00058	-.00021	-.00008	.00282
#2	-.00008	.00002	.00634	-.00021	-.00022	-.00021	.00899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.01834	.00068	.00070	.18012	.00005	-.00025
Stddev	.00005	.03512	.00015	.00023	.01109	.00026	.00007
%RSD	28.031	191.44	21.892	33.143	6.1545	586.25	27.990

#1	-.00021	.04317	.00058	.00053	.17228	.00023	-.00020
#2	-.00014	-.00649	.00079	.00086	.18796	-.00014	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10918	-.00026	.00814	F .00779	.00160	-.00070	-.00070
Stddev	.02546	.00021	.00501	.00020	.00186	.00049	.00005
%RSD	23.318	80.175	61.534	2.5188	115.96	69.472	6.9152

#1	.09118	-.00011	.00460	.00793	.00029	-.00105	-.00066
#2	.12719	-.00041	.01168	.00765	.00291	-.00036	-.00073

Sample Name: PB114612BL Acquired: 11/8/2018 16:40:18 Type: Unk
 Method: P4-ICP2(v2557) 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	.00000	-.0020	.00002	F 1.6519	F<.00000
Stddev	.00021	.0002	.00005	.0508	.05761
%RSD	13504.	10.06	240.14	3.0723	25.619

#1	.00015	-.0021	.00005	1.6160	-.18414
#2	-.00015	-.0018	-.00001	1.6878	-.26562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.4	68513.	5224.7	143.66	4363.8
Stddev	5.7	201.	18.7	.35	3.6
%RSD	.17633	.29304	.35797	.24200	.08149

#1	3208.4	68371.	5237.9	143.91	4361.3
#2	3216.4	68655.	5211.5	143.42	4366.3

Sample Name: PB114634TB Acquired: 11/8/2018 16:44:22 Type: Unk
Method: P4-ICP2(v2557) 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	-.00424	-.00392	.00042	-.00010	-.00019	.00312	-.00135	-.00019
Stddev	.00231	.00062	.00045	.00230	.00019	.00705	.00017	.00005
%RSD	54.645	15.800	108.46	2261.8	101.37	226.05	12.561	24.773

#1	-.00260	-.00348	.00073	-.00173	-.00032	-.00187	-.00123	-.00015
#2	-.00587	-.00436	.00010	.00152	-.00005	.00810	-.00147	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00389	.00049	-.00025	-.00034	.01101	.00001	.00959
Stddev	.00008	.00432	.00011	.00003	.00009	.00890	.00001	.02061
%RSD	102.22	111.05	21.418	13.961	26.329	80.843	92.343	214.82

#1	-.00013	.00694	.00057	-.00023	-.00027	.01731	.00002	.02416
#2	-.00002	.00084	.00042	-.00027	-.00040	.00472	.00000	-.00498

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	.00218	F 301.31	-.00025	-.00046	.27530	-.00014	.00485
Stddev	.00003	.00056	3.82	.00030	.00002	.01804	.00015	.00230
%RSD	1.0412	25.703	1.2679	118.07	3.6731	6.5512	106.43	47.401

#1	.00268	.00257	304.01	-.00004	-.00047	.26255	-.00025	.00323
#2	.00272	.00178	298.61	-.00047	-.00045	.28805	-.00004	.00648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01219	.00966	.00060	.00006	.00370	-.0029	-.00004	F 3.2793
Stddev	.00222	.00266	.00077	.00163	.00043	.0016	.00004	.2001
%RSD	18.245	27.538	127.06	2560.9	11.733	56.15	106.38	6.1006

#1	.01062	.00778	.00115	-.00109	.00339	-.0040	-.00001	3.4208
#2	.01377	.01154	.00006	.00121	.00401	-.0017	-.00007	3.1379

Sample Name: PB114634TB Acquired: 11/8/2018 16:44:22 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .43626
Stddev .72990
%RSD 167.31

#1 .95238
#2 -.07986

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.0	62690.	5091.8	138.29	3715.2
Stddev	11.0	259.	26.2	2.59	15.9
%RSD	.36910	.41251	.51376	1.8748	.42826

#1	2960.3	62507.	5073.3	140.13	3703.9
#2	2975.7	62873.	5110.3	136.46	3726.5

Sample Name: PB114635BL Acquired: 11/8/2018 16:48:31 Type: Unk
Method: P4-ICP2(v2557) 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	-.00197	-.00129	-.00004	-.00084	-.00128	-.00646	-.00050	-.00005
Stddev	.00148	.00049	.00121	.00241	.00081	.00671	.00074	.00001
%RSD	75.345	38.285	3368.1	287.70	63.548	103.89	147.81	24.550
#1	-.00301	-.00164	.00082	-.00254	-.00185	-.01121	.00002	-.00004
#2	-.00092	-.00094	-.00089	.00087	-.00070	-.00172	-.00102	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01085	-.00056	-.00006	.00000	-.00186	-.00017	.01005
Stddev	.00000	.00337	.00010	.00002	.00008	.00468	.00000	.02658
%RSD	36.898	31.102	17.382	41.448	10432.	251.36	2.4219	264.56
#1	-.00000	.01323	-.00063	-.00007	-.00005	.00145	-.00016	.02884
#2	-.00000	.00846	-.00049	-.00004	.00005	-.00518	-.00017	-.00875
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	.00036	.28331	.00008	-.00029	.13879	-.00047	.00210
Stddev	.00022	.00025	.00058	.00031	.00003	.00462	.00031	.01001
%RSD	28.754	69.113	.20308	398.34	9.0506	3.3313	65.255	476.46
#1	.00091	.00018	.28371	-.00014	-.00031	.13552	-.00068	-.00498
#2	.00061	.00053	.28290	.00029	-.00027	.14206	-.00025	.00918
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	.00155	-.00105	-.00074	.00076	-.0005	-.00007	F 1.5994
Stddev	.00143	.00168	.00013	.00103	.00031	.0002	.00005	.2405
%RSD	30.247	108.38	12.696	139.23	40.768	32.19	66.554	15.039
#1	.00575	.00274	-.00096	-.00001	.00098	-.0006	-.00011	1.4293
#2	.00373	.00036	-.00115	-.00147	.00054	-.0004	-.00004	1.7694

Sample Name: PB114635BL Acquired: 11/8/2018 16:48:31 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .85376
Stddev .78488
%RSD 91.933

#1 1.4088
#2 .29876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.5	68944.	5286.6	146.67	4381.7
Stddev	.1	63.	42.7	4.11	.3
%RSD	.00272	.09069	.80763	2.8043	.00688

#1	3238.5	68988.	5256.4	143.76	4382.0
#2	3238.6	68900.	5316.8	149.58	4381.5

Sample Name: PB114635BS Acquired: 11/8/2018 16:52:34 Type: Unk
Method: P4-ICP2(v2557) 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	.78587	1.9363	.98001	1.9360	.77235	1.9140	.21057
Stddev	.00581	.0180	.01436	.0088	.00184	.0080	.00085
%RSD	.73978	.92737	1.4655	.45197	.23792	.41896	.40386

#1	.78176	1.9236	.96985	1.9298	.77365	1.9083	.20997
#2	.78998	1.9490	.99016	1.9422	.77105	1.9197	.21117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18758	.18835	1.0692	.40280	.20104	.30421	3.0794
Stddev	.00006	.00384	.0070	.00137	.00160	.00205	.0846
%RSD	.03334	2.0386	.65776	.34044	.79485	.67470	2.7464

#1	.18753	.18563	1.0642	.40377	.19991	.30275	3.1392
#2	.18762	.19106	1.0741	.40183	.20217	.30566	3.0196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20707	2.0746	.50788	.06847	3.3400	.30104	.20283
Stddev	.00030	.0429	.00432	.00184	.0177	.00003	.00176
%RSD	.14680	2.0699	.85105	2.6832	.52890	.01022	.86626

#1	.20685	2.0443	.50482	.06977	3.3275	.30106	.20407
#2	.20728	2.1050	.51094	.06717	3.3525	.30102	.20158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.598	.41371	.30239	F .00436	.94264	.67815	.21238
Stddev	.089	.00042	.00512	.00031	.00877	.00428	.00005
%RSD	.83811	.10179	1.6921	7.2106	.93000	.63153	.02520

#1	10.535	.41341	.30600	.00458	.93644	.67512	.21234
#2	10.661	.41400	.29877	.00414	.94884	.68118	.21242

Sample Name: PB114635BS Acquired: 11/8/2018 16:52:34 Type: Unk
 Method: P4-ICP2(v2557) 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	.21190	5.252	.20981	F 2.2781	F<.00000
Stddev	.00160	.058	.00186	.2711	.48476
%RSD	.75575	1.098	.88798	11.901	23.663

#1	.21077	5.211	.20850	2.4698	-1.7058
#2	.21303	5.293	.21113	2.0864	-2.3914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.5	66634.	5124.4	139.28	4151.5
Stddev	11.5	366.	10.9	4.14	6.0
%RSD	.36461	.54936	.21239	2.9708	.14521

#1	3132.4	66375.	5132.1	136.35	4147.3
#2	3148.6	66893.	5116.7	142.20	4155.8

Sample Name: PB114635TB Acquired: 11/8/2018 16:56:24 Type: Unk
Method: P4-ICP2(v2557) 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	-.00358	-.00381	.00101	.00374	.00088	-.00148	-.00130	-.00016
Stddev	.00227	.00097	.00057	.00070	.00043	.00787	.00062	.00002
%RSD	63.354	25.491	56.339	18.748	49.154	530.64	47.600	13.981
#1	-.00519	-.00450	.00060	.00325	.00057	-.00704	-.00174	-.00014
#2	-.00198	-.00312	.00141	.00424	.00118	.00408	-.00087	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01249	.00001	-.00024	-.00084	.00662	-.00002	.01949
Stddev	.00012	.00498	.00008	.00012	.00001	.00200	.00007	.02832
%RSD	98.724	39.846	804.99	50.358	1.6838	30.133	291.75	145.28
#1	-.00021	.00897	.00007	-.00033	-.00083	.00803	-.00007	.03951
#2	-.00004	.01600	-.00005	-.00016	-.00085	.00521	.00003	-.00053
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	.00212	F 343.32	.00065	-.00064	.27329	-.00036	.00669
Stddev	.00001	.00030	.60	.00043	.00001	.02847	.00019	.00336
%RSD	.25362	14.248	.17543	67.022	1.7852	10.419	52.109	50.184
#1	.00258	.00191	343.75	.00034	-.00065	.25315	-.00050	.00431
#2	.00257	.00233	342.90	.00096	-.00063	.29342	-.00023	.00906
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	.00838	.00048	.00110	.00217	-.0030	.00012	F 3.5522
Stddev	.00387	.00124	.00007	.00098	.00010	.0014	.00006	.3247
%RSD	64.389	14.791	14.989	89.073	4.6649	45.78	50.070	9.1408
#1	.00328	.00925	.00042	.00041	.00224	-.0039	.00008	3.7818
#2	.00875	.00750	.00053	.00180	.00209	-.0020	.00016	3.3226

Sample Name: PB114635TB Acquired: 11/8/2018 16:56:24 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4379
Stddev 1.0324
%RSD 71.800

#1 .70788
#2 2.1679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.7	61864.	5125.1	136.78	3681.5
Stddev	15.8	346.	7.4	.19	7.8
%RSD	.53815	.55977	.14418	.13786	.21281

#1	2931.5	61619.	5130.3	136.91	3676.0
#2	2953.9	62108.	5119.9	136.64	3687.1

Sample Name: PB114632BL Acquired: 11/8/2018 17:00:34 Type: Unk
Method: P4-ICP2(v2557) 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	-.00068	-.00157	-.00010	.00002	-.00040	.00332	-.00044	-.00005
Stddev	.00250	.00065	.00102	.00424	.00033	.01081	.00070	.00005
%RSD	367.80	41.777	1060.7	19498.	83.134	325.42	158.34	109.63

#1	-.00245	-.00110	.00062	.00302	-.00064	.01097	-.00093	-.00009
#2	.00109	-.00203	-.00082	-.00298	-.00017	-.00432	.00005	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02024	-.00020	-.00006	-.00048	.00394	-.00021	-.03171
Stddev	.00002	.00295	.00010	.00011	.00009	.00470	.00003	.02314
%RSD	27.931	14.599	49.085	171.58	17.754	119.32	11.841	72.977

#1	-.00009	.02233	-.00013	-.00014	-.00042	.00061	-.00023	-.04807
#2	-.00006	.01815	-.00027	.00001	-.00055	.00726	-.00019	-.01534

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00036	.29674	.00017	-.00017	.13662	-.00014	.00338
Stddev	.00000	.00008	.00524	.00022	.00005	.00521	.00013	.00135
%RSD	.08144	21.956	1.7659	123.75	29.576	3.8111	98.749	39.783

#1	.00054	.00030	.30045	.00033	-.00021	.13294	-.00023	.00243
#2	.00053	.00041	.29304	.00002	-.00014	.14031	-.00004	.00434

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00075	-.00048	-.00010	.00195	-.0002	.00002	1.8971
Stddev	.00351	.00102	.00033	.00078	.00043	.0009	.00007	.2403
%RSD	164530.	135.93	69.430	769.70	22.139	374.0	284.48	12.666

#1	-.00248	.00147	-.00024	-.00065	.00226	.0004	-.00002	2.0670
#2	.00249	.00003	-.00071	.00045	.00165	-.0008	.00007	1.7272

Sample Name: PB114632BL Acquired: 11/8/2018 17:00:34 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .07347
Stddev .40256
%RSD 547.93

#1 -.21119
#2 .35813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.9	68190.	5310.2	142.97	4360.3
Stddev	14.9	244.	45.0	3.55	14.4
%RSD	.46121	.35841	.84691	2.4812	.32947

#1	3236.5	68017.	5278.4	145.48	4370.5
#2	3215.4	68363.	5342.0	140.46	4350.2

Sample Name: PB114632BS Acquired: 11/8/2018 17:04:39 Type: Unk
Method: P4-ICP2(v2557) 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	.77031	1.8964	.96527	1.8934	.78708	1.9152	.21258
Stddev	.00427	.0015	.00110	.0101	.00170	.0041	.00415
%RSD	.55452	.07800	.11399	.53430	.21584	.21560	1.9541

#1	.76729	1.8953	.96449	1.8863	.78587	1.9123	.20964
#2	.77333	1.8974	.96605	1.9006	.78828	1.9181	.21552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18391	.18581	1.0772	.40015	.19790	.29948	3.1278
Stddev	.00008	.00040	.0187	.00259	.00072	.00124	.0879
%RSD	.04191	.21407	1.7372	.64787	.36473	.41286	2.8098

#1	.18396	.18552	1.0904	.40198	.19739	.29861	3.0657
#2	.18385	.18609	1.0639	.39832	.19841	.30036	3.1900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20570	2.0783	.49907	.06974	3.2397	.30226	.20072
Stddev	.00023	.0874	.00035	.00098	.0712	.00019	.00478
%RSD	.11009	4.2068	.06937	1.4028	2.1964	.06175	2.3832

#1	.20554	2.0165	.49882	.07044	3.1894	.30239	.19733
#2	.20586	2.1402	.49931	.06905	3.2901	.30213	.20410

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.511	.42948	.30695	-.00172	.95715	.69531	.21757
Stddev	.181	.00017	.00270	.00379	.02695	.00174	.00471
%RSD	1.7215	.03902	.87983	220.30	2.8161	.25047	2.1667

#1	10.383	.42936	.30504	-.00440	.93809	.69407	.21424
#2	10.639	.42960	.30886	.00096	.97621	.69654	.22091

Sample Name: PB114632BS Acquired: 11/8/2018 17:04:39 Type: Unk
Method: P4-ICP2(v2557) 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	.21487	5.156	.20996	2.1301	F<.00000
Stddev	.00197	.001	.00318	.5406	.73169
%RSD	.91876	.0127	1.5164	25.381	34.471

#1	.21347	5.157	.20771	2.5124	-2.6400
#2	.21626	5.156	.21222	1.7478	-1.6052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.7	66869.	5106.0	138.76	4173.3
Stddev	11.7	950.	64.5	2.42	20.0
%RSD	.37013	1.4199	1.2637	1.7448	.47970

#1	3139.5	66198.	5151.6	140.47	4159.2
#2	3155.9	67541.	5060.3	137.05	4187.5

Sample Name: J5832-02 Acquired: 11/8/2018 17:08:30 Type: Unk
Method: P4-ICP2(v2557) 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	.00394	-.00501	.01981	.00523	.00065	23.552	.10611	.00146
Stddev	.00191	.00024	.00013	.00117	.00014	.037	.00115	.00001
%RSD	48.550	4.7201	.65605	22.381	20.861	.15679	1.0884	.40314
#1	.00529	-.00517	.01990	.00605	.00055	23.526	.10693	.00146
#2	.00259	-.00484	.01972	.00440	.00074	23.578	.10529	.00147
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	21.513	.01457	.02109	.23433	30.001	.40310	16.689
Stddev	.00002	.117	.00024	.00004	.00151	.541	.00054	.144
%RSD	4.9321	.54553	1.6321	.17576	.64262	1.8035	.13434	.86406
#1	-.00041	21.596	.01440	.02111	.23540	30.384	.40272	16.587
#2	-.00044	21.430	.01473	.02106	.23327	29.618	.40349	16.791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04560	.00182	99.983	.03970	.17472	2.4619	.01803	.21019
Stddev	.00019	.00013	.756	.00038	.00392	.0178	.00007	.00453
%RSD	.42564	7.1325	.75569	.94487	2.2463	.72310	.37499	2.1550
#1	.04574	.00191	100.52	.03943	.17750	2.4745	.01798	.20699
#2	.04546	.00173	99.449	.03996	.17195	2.4493	.01808	.21339
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2601	F 43.798	.02715	.73305	.02734	.4334	.14342	2.3810
Stddev	.0503	.320	.00010	.00059	.00039	.0013	.00125	.0740
%RSD	.80327	.73076	.38348	.08027	1.4162	.2922	.87125	3.1084
#1	6.2957	44.025	.02722	.73347	.02707	.4343	.14430	2.4334
#2	6.2246	43.572	.02707	.73264	.02761	.4325	.14253	2.3287

Sample Name: J5832-02 Acquired: 11/8/2018 17:08:30 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8839
Stddev	.0256
%RSD	.52358

#1	4.8658
#2	4.9019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.2	66247.	5324.7	138.91	3841.2
Stddev	9.4	23.	44.3	2.90	17.9
%RSD	.30185	.03411	.83170	2.0856	.46610

#1	3108.6	66231.	5293.4	136.86	3828.5
#2	3121.9	66263.	5356.0	140.95	3853.9

Sample Name: J5844-01 Acquired: 11/8/2018 17:12:27 Type: Unk
Method: P4-ICP2(v2557) 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	-.00482	-.00455	-.00138	.00661	-.00062	.10884	1.2714	-.00052
Stddev	.00047	.00190	.00042	.00071	.00102	.01434	.0093	.00009
%RSD	9.7992	41.722	30.789	10.761	164.55	13.174	.73031	18.107
#1	-.00516	-.00589	-.00108	.00610	.00010	.11898	1.2779	-.00058
#2	-.00449	-.00320	-.00168	.00711	-.00134	.09870	1.2648	-.00045
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	235.87	-.00057	-.00008	-.01937	29.924	.82075	27.389
Stddev	.00003	.23	.00055	.00028	.00052	.400	.00155	.052
%RSD	5.8373	.09926	96.355	336.81	2.6918	1.3368	.18932	.18906
#1	-.00054	236.04	-.00018	-.00028	-.01900	29.641	.82185	27.425
#2	-.00059	235.70	-.00096	.00011	-.01974	30.207	.81965	27.352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	.00014	226.96	.00205	.08895	38.330	.00161	.80833
Stddev	.00008	.00022	3.10	.00066	.00011	.201	.00006	.01109
%RSD	7.5165	165.37	1.3658	32.044	.12621	.52494	3.4635	1.3723
#1	-.00098	.00029	229.15	.00251	.08887	38.472	.00157	.81617
#2	-.00109	-.00002	224.77	.00158	.08903	38.187	.00165	.80049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0411	F 22.321	.00033	.00155	.28463	.5527	1.5218	3.6296
Stddev	.0085	.094	.00079	.00082	.00320	.0023	.0068	.1479
%RSD	.14126	.42229	239.98	52.730	1.1237	.4080	.44520	4.0745
#1	6.0472	22.388	-.00023	.00097	.28689	.5511	1.5266	3.7342
#2	6.0351	22.255	.00089	.00213	.28237	.5543	1.5170	3.5250

Sample Name: J5844-01 Acquired: 11/8/2018 17:12:27 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.3618
Stddev .3983
%RSD 5.4108

#1 7.6434
#2 7.0801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.1	61131.	5005.5	132.95	3508.3
Stddev	9.0	405.	42.3	.39	13.0
%RSD	.31618	.66177	.84502	.29433	.37135

#1	2834.8	60845.	4975.6	133.23	3517.5
#2	2847.5	61417.	5035.4	132.68	3499.1

Sample Name: CCV05 Acquired: 11/8/2018 17:16:33 Type: Unk
Method: P4-ICP2(v2557) 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	5.1786	4.9434	5.1276	5.1083	5.0124	9.6695	10.368	.24639
Stddev	.0147	.0038	.0056	.0175	.0210	.0100	.032	.00001
%RSD	.28443	.07771	.10856	.34240	.41956	.10337	.31261	.00561
#1	5.1890	4.9461	5.1315	5.1207	5.0272	9.6766	10.391	.24638
#2	5.1682	4.9407	5.1237	5.0960	4.9975	9.6624	10.345	.24640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5182	25.278	.96960	2.5525	1.2283	5.1065	2.4834	25.642
Stddev	.0058	.029	.00286	.0083	.0024	.0784	.0011	.068
%RSD	.23109	.11561	.29454	.32354	.19527	1.5361	.04328	.26447
#1	2.5224	25.299	.97162	2.5584	1.2300	5.0510	2.4841	25.594
#2	2.5141	25.257	.96758	2.5467	1.2266	5.1619	2.4826	25.690
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5882	1.2483	24.685	2.4922	2.5944	25.918	5.0900	5.1363
Stddev	.0053	.0021	.065	.0016	.0488	.044	.0118	.0070
%RSD	.20371	.16411	.26229	.06597	1.8824	.17021	.23098	.13701
#1	2.5919	1.2498	24.731	2.4910	2.5599	25.949	5.0983	5.1413
#2	2.5845	1.2469	24.639	2.4933	2.6289	25.886	5.0817	5.1313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0663	5.1524	5.0960	5.1540	5.0724	4.972	5.0813	F 2.5347
Stddev	.0109	.0089	.0131	.0052	.0177	.011	.0016	.0405
%RSD	.21518	.17311	.25705	.10073	.34808	.2178	.03166	1.5981
#1	5.0740	5.1587	5.1052	5.1504	5.0849	4.979	5.0824	2.5060
#2	5.0586	5.1460	5.0867	5.1577	5.0599	4.964	5.0801	2.5633

Sample Name: CCV05 Acquired: 11/8/2018 17:16:33 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2780
Stddev .3394
%RSD 14.897

#1 2.0380
#2 2.5179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.9	66012.	5168.1	136.36	3775.7
Stddev	7.7	218.	17.7	2.65	10.6
%RSD	.25007	.33088	.34254	1.9457	.28159

#1	3065.5	65858.	5155.5	138.24	3768.1
#2	3076.4	66167.	5180.6	134.49	3783.2

Sample Name: CCB05 Acquired: 11/8/2018 17:20:23 Type: Unk
Method: P4-ICP2(v2557) 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	-.00150	-.00014	-.00012	-.00029	-.00108	-.00131	-.00030
Stddev	.00044	.00128	.00038	.00188	.00163	.00618	.00068
%RSD	29.606	949.83	313.56	654.38	151.49	471.43	229.73

#1	-.00181	-.00104	-.00039	-.00162	.00008	-.00568	-.00077
#2	-.00118	.00077	.00015	.00104	-.00223	.00306	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00006	.01249	-.00027	-.00014	-.00074	.00015
Stddev	.00001	.00001	.00585	.00020	.00012	.00001	.01037
%RSD	28.123	26.401	46.886	75.093	85.260	.83419	6866.7

#1	-.00003	.00007	.01663	-.00042	-.00023	-.00075	-.00718
#2	-.00002	.00005	.00835	-.00013	-.00006	-.00074	.00748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.02214	.00093	.00018	.15638	.00001	-.00180
Stddev	.00001	.03172	.00055	.00000	.00921	.00064	.00005
%RSD	4.0859	143.25	59.006	.86203	5.8877	5382.4	2.8933

#1	-.00019	.00029	.00054	.00018	.14987	.00047	-.00176
#2	-.00018	-.04457	.00131	.00018	.16289	-.00044	-.00183

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12314	-.00007	.00663	.00185	.00190	-.00034	-.00045
Stddev	.00646	.00023	.00393	.00055	.00253	.00083	.00087
%RSD	5.2443	331.61	59.295	29.612	133.61	245.59	193.45

#1	.11857	.00009	.00940	.00146	.00010	.00025	-.00107
#2	.12770	-.00023	.00385	.00223	.00369	-.00092	.00017

Sample Name: CCB05 Acquired: 11/8/2018 17:20:23 Type: Unk
 Method: P4-ICP2(v2557) 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	.00115	-.0014	-.00001	F 1.5521	F<.00000
Stddev	.00143	.0010	.00001	.1304	.42262
%RSD	125.04	73.33	89.633	8.3992	230.11

#1	.00013	-.0007	-.00002	1.6442	-.48250
#2	.00216	-.0021	-.00000	1.4599	.11517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.5	68870.	5217.0	143.45	4370.8
Stddev	.1	117.	17.6	.68	.0
%RSD	.00199	.16960	.33688	.47240	.00107

#1	3225.5	68788.	5204.5	142.97	4370.9
#2	3225.4	68953.	5229.4	143.93	4370.8

Sample Name: J5844-04 Acquired: 11/8/2018 17:24:29 Type: Unk
Method: P4-ICP2(v2557) 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	-.00366	-.00461	.00031	.00139	-.00166	.07149	1.2054	-.00053
Stddev	.00065	.00165	.00233	.00110	.00038	.00000	.0384	.00006
%RSD	17.863	35.724	757.95	79.373	22.979	.00388	3.1813	11.381
#1	-.00320	-.00577	.00195	.00061	-.00139	.07149	1.2325	-.00049
#2	-.00412	-.00344	-.00134	.00217	-.00193	.07149	1.1783	-.00057
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	214.93	-.00097	-.00029	-.01748	26.377	.74011	24.490
Stddev	.00002	6.03	.00007	.00000	.00061	.228	.00023	.475
%RSD	5.7845	2.8044	7.2899	.75625	3.5141	.86605	.03065	1.9380
#1	-.00043	219.19	-.00092	-.00029	-.01791	26.538	.73994	24.826
#2	-.00040	210.66	-.00102	-.00029	-.01704	26.215	.74027	24.154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	-.00020	207.74	.00165	.08351	36.198	.00229	.74954
Stddev	.00018	.00045	5.74	.00027	.00166	.991	.00018	.01161
%RSD	13.259	228.32	2.7643	16.293	1.9831	2.7363	7.9415	1.5487
#1	-.00152	-.00052	211.80	.00146	.08468	36.899	.00216	.75775
#2	-.00126	.00012	203.68	.00184	.08234	35.498	.00241	.74134
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3864	F 21.363	-.00246	-.00225	.26462	.4842	1.3860	3.3979
Stddev	.0006	.607	.00114	.00019	.00398	.0016	.0435	.1795
%RSD	.00674	2.8406	46.426	8.6709	1.5039	.3229	3.1367	5.2817
#1	8.3868	21.792	-.00165	-.00238	.26744	.4854	1.4167	3.5248
#2	8.3860	20.934	-.00327	-.00211	.26181	.4831	1.3552	3.2710

Sample Name: J5844-04 Acquired: 11/8/2018 17:24:29 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.1484
Stddev	.1207
%RSD	1.6886

#1	7.0630
#2	7.2337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.8	61378.	5108.0	136.47	3532.1
Stddev	20.3	329.	154.9	2.81	9.9
%RSD	.71188	.53623	3.0317	2.0576	.28024

#1	2831.5	61146.	4998.5	134.49	3525.1
#2	2860.2	61611.	5217.6	138.46	3539.1

Sample Name: J5858-13 Acquired: 11/8/2018 17:28:34 Type: Unk
Method: P4-ICP2(v2557) 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	-.00037	-.00499	.00652	.00198	-.00221	7.3179	.39541	.00004
Stddev	.00060	.00017	.00143	.00310	.00117	.0381	.00140	.00002
%RSD	162.10	3.4790	21.909	156.42	52.827	.52081	.35481	39.793
#1	.00005	-.00487	.00551	.00418	-.00138	7.2909	.39641	.00006
#2	-.00079	-.00511	.00753	-.00021	-.00303	7.3448	.39442	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	111.09	.00881	.00656	.00773	14.064	2.4060	16.972
Stddev	.00004	.84	.00012	.00020	.00036	.005	.0098	.014
%RSD	18.519	.75490	1.4122	3.0068	4.6230	.03543	.40645	.08057
#1	-.00025	110.50	.00872	.00642	.00798	14.061	2.3991	16.962
#2	-.00019	111.69	.00890	.00670	.00748	14.068	2.4129	16.982
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01113	.00093	170.37	.01134	.04504	8.2224	.00313	.12256
Stddev	.00021	.00124	.54	.00046	.00005	.0305	.00027	.00344
%RSD	1.9213	133.67	.31553	4.0575	.10743	.37141	8.5387	2.8040
#1	.01128	.00005	169.99	.01101	.04500	8.2008	.00332	.12013
#2	.01098	.00181	170.75	.01166	.04507	8.2440	.00294	.12499
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.426	F 24.222	-.00523	.20794	.01682	.6912	.45305	3.1348
Stddev	.051	.003	.00007	.00451	.00013	.0016	.00183	.0423
%RSD	.30787	.01136	1.4240	2.1698	.78483	.2251	.40402	1.3476
#1	16.462	24.220	-.00518	.20475	.01691	.6923	.45176	3.1049
#2	16.391	24.224	-.00529	.21113	.01672	.6901	.45435	3.1647

Sample Name: J5858-13 Acquired: 11/8/2018 17:28:34 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6000
Stddev	.0687
%RSD	1.4941

#1	4.5514
#2	4.6486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.9	62796.	5025.2	135.11	3638.4
Stddev	13.5	49.	3.3	.36	17.9
%RSD	.45978	.07738	.06545	.26765	.49321

#1	2928.3	62831.	5022.8	134.86	3625.7
#2	2947.4	62762.	5027.5	135.37	3651.1

Sample Name: J5858-13DUP Acquired: 11/8/2018 17:32:39 Type: Unk
Method: P4-ICP2(v2557) 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	-.00203	-.00415	.00611	.00594	-.00245	7.3027	.39031	.00002
Stddev	.00089	.00005	.00089	.00174	.00298	.0110	.00609	.00003
%RSD	43.919	1.2514	14.496	29.272	121.59	.15051	1.5604	118.62
#1	-.00266	-.00412	.00548	.00717	-.00457	7.2950	.39462	.00000
#2	-.00140	-.00419	.00673	.00471	-.00034	7.3105	.38601	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	109.89	.00805	.00643	.00752	14.178	2.3784	16.920
Stddev	.00013	.41	.00034	.00026	.00050	.479	.0067	.303
%RSD	44.991	.37258	4.2025	4.0308	6.7094	3.3761	.28396	1.7884
#1	-.00019	110.18	.00781	.00624	.00788	13.840	2.3832	17.134
#2	-.00037	109.60	.00829	.00661	.00716	14.517	2.3737	16.706
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01087	.00090	168.67	.01117	.04503	8.1809	.00339	.13005
Stddev	.00040	.00024	1.72	.00002	.00146	.1165	.00033	.00070
%RSD	3.6355	26.771	1.0184	.20711	3.2502	1.4236	9.6119	.53543
#1	.01115	.00073	169.88	.01119	.04400	8.2632	.00316	.12956
#2	.01059	.00107	167.45	.01116	.04607	8.0985	.00362	.13054
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.207	F 23.914	-.00430	.20653	.01687	.6796	.44697	3.2053
Stddev	.047	.256	.00006	.00129	.00183	.0000	.00394	.0502
%RSD	.28782	1.0704	1.4913	.62335	10.837	.0035	.88208	1.5651
#1	16.240	24.095	-.00434	.20744	.01816	.6796	.44976	3.2408
#2	16.174	23.733	-.00425	.20562	.01557	.6796	.44419	3.1698

Sample Name: J5858-13DUP Acquired: 11/8/2018 17:32:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2928
Stddev	.4068
%RSD	9.4766

#1	4.0051
#2	4.5804

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.1	63506.	5090.9	134.95	3684.0
Stddev	21.3	119.	40.1	3.70	1.4
%RSD	.71706	.18775	.78754	2.7407	.03796

#1	2949.1	63421.	5062.6	137.57	3683.1
#2	2979.1	63590.	5119.3	132.34	3685.0

Sample Name: J5858-13LX5 Acquired: 11/8/2018 17:36:40 Type: Unk
Method: P4-ICP2(v2557) 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	-.00123	-.00166	.00070	.00261	-.00202	1.4559	.07864	-.00010
Stddev	.00029	.00158	.00011	.00101	.00005	.0136	.00043	.00003
%RSD	23.341	95.182	16.178	38.809	2.7144	.93655	.54949	25.819

#1	-.00103	-.00278	.00062	.00189	-.00206	1.4656	.07895	-.00012
#2	-.00143	-.00054	.00078	.00332	-.00198	1.4463	.07834	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	22.564	.00138	.00110	.00094	2.8097	.48780	3.5081
Stddev	.00000	.031	.00009	.00001	.00014	.0161	.00110	.0206
%RSD	2.9911	.13818	6.4513	.63648	15.169	.57231	.22524	.58831

#1	-.00016	22.542	.00132	.00111	.00084	2.7983	.48858	3.5227
#2	-.00015	22.586	.00145	.00110	.00104	2.8210	.48703	3.4935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00033	34.080	.00253	.00892	1.7138	.00035	.02699
Stddev	.00003	.00005	.079	.00039	.00020	.0036	.00006	.00286
%RSD	1.2927	15.720	.23119	15.489	2.2062	.21257	15.942	10.579

#1	.00228	.00030	34.024	.00281	.00878	1.7164	.00039	.02901
#2	.00232	.00037	34.136	.00225	.00906	1.7112	.00031	.02497

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0820	5.0476	-.00273	.04137	.00471	.1269	.09091	2.2223
Stddev	.0013	.0581	.00012	.00337	.00097	.0029	.00031	.0193
%RSD	.04055	1.1506	4.4079	8.1388	20.554	2.285	.34646	.86763

#1	3.0812	5.0065	-.00265	.03899	.00402	.1289	.09113	2.2359
#2	3.0829	5.0887	-.00282	.04375	.00539	.1248	.09069	2.2087

Sample Name: J5858-13LX5 Acquired: 11/8/2018 17:36:40 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9737
 Stddev .2207
 %RSD 11.181

#1 2.1297
 #2 1.8176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.0	66654.	5202.4	142.91	4072.0
Stddev	4.6	127.	23.4	.85	1.0
%RSD	.14794	.19118	.44933	.59268	.02552

#1	3127.7	66564.	5219.0	143.51	4071.2
#2	3134.3	66744.	5185.9	142.32	4072.7

Sample Name: J5858-13MS Acquired: 11/8/2018 17:40:40 Type: Unk
Method: P4-ICP2(v2557) 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	.77841	1.7589	.92631	1.8772	.75784	10.843	.59272	.18510
Stddev	.00184	.0058	.00131	.0084	.00517	.012	.00230	.00059
%RSD	.23689	.32911	.14119	.44515	.68204	.10991	.38769	.31673

#1	.77972	1.7630	.92723	1.8831	.75419	10.835	.59109	.18468
#2	.77711	1.7548	.92538	1.8712	.76150	10.852	.59434	.18551

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18364	109.93	.37950	.19707	.27827	17.179	2.5134	18.919
Stddev	.00026	.46	.00129	.00035	.00124	.048	.0040	.041
%RSD	.14182	.41603	.33906	.17747	.44444	.27776	.15765	.21863

#1	.18346	109.61	.37859	.19732	.27915	17.145	2.5106	18.889
#2	.18383	110.26	.38041	.19682	.27740	17.213	2.5162	18.948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48879	.06654	171.68	.30142	.23611	17.914	.40553	.41718
Stddev	.00064	.00045	.69	.00029	.00150	.003	.00008	.00013
%RSD	.13118	.67314	.40280	.09632	.63641	.01743	.01862	.03180

#1	.48834	.06686	171.19	.30122	.23505	17.911	.40548	.41727
#2	.48925	.06622	172.17	.30163	.23717	17.916	.40558	.41708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.942	F 27.423	.68844	.42791	.21535	6.249	.63752	3.3957
Stddev	.020	.045	.00112	.00473	.00246	.018	.00258	.0267
%RSD	.12491	.16326	.16275	1.1064	1.1415	.2820	.40426	.78715

#1	15.956	27.455	.68765	.43126	.21361	6.262	.63570	3.3768
#2	15.928	27.391	.68924	.42457	.21708	6.237	.63934	3.4146

Sample Name: J5858-13MS Acquired: 11/8/2018 17:40:40 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3543
Stddev .3016
%RSD 12.811

#1 2.1411
#2 2.5676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.8	62982.	4982.7	133.98	3648.8
Stddev	14.1	46.	6.0	.02	21.4
%RSD	.47497	.07269	.12103	.01847	.58766

#1	2952.8	63014.	4986.9	134.00	3633.7
#2	2972.7	62950.	4978.4	133.97	3664.0

Sample Name: J5858-13MSD Acquired: 11/8/2018 17:44:27 Type: Unk
Method: P4-ICP2(v2557) 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	.78107	1.7587	.92774	1.8847	.75754	10.731	.57865	.18555
Stddev	.00203	.0022	.00461	.0110	.00144	.084	.00027	.00124
%RSD	.25951	.12759	.49687	.58352	.19058	.78332	.04625	.66612

#1	.78250	1.7571	.93100	1.8925	.75856	10.671	.57884	.18467
#2	.77963	1.7603	.92448	1.8769	.75652	10.790	.57846	.18642

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18342	108.49	.38012	.19750	.27798	17.196	2.5156	18.615
Stddev	.00104	.27	.00175	.00067	.00053	.389	.0076	.157
%RSD	.56552	.24562	.45948	.33857	.19051	2.2599	.30048	.84076

#1	.18416	108.67	.37888	.19798	.27836	17.471	2.5102	18.504
#2	.18269	108.30	.38135	.19703	.27761	16.921	2.5209	18.726

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49135	.06691	167.04	.30133	.23569	17.547	.40753	.40644
Stddev	.00212	.00021	.23	.00134	.00705	.024	.00076	.00033
%RSD	.43056	.31829	.13754	.44326	2.9918	.13670	.18759	.08164

#1	.49285	.06676	167.20	.30038	.24068	17.530	.40808	.40667
#2	.48985	.06706	166.88	.30227	.23071	17.564	.40699	.40620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.974	F 27.047	.68641	.42523	.21356	6.258	.62933	3.4449
Stddev	.106	.068	.00099	.00554	.00067	.036	.00058	.0493
%RSD	.66421	.25250	.14406	1.3037	.31570	.5817	.09251	1.4310

#1	16.049	27.095	.68711	.42915	.21403	6.284	.62974	3.4798
#2	15.899	26.998	.68571	.42131	.21308	6.232	.62892	3.4101

Sample Name: J5858-13MSD Acquired: 11/8/2018 17:44:27 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.1172
Stddev	.7232
%RSD	23.201

#1	2.6058
#2	3.6286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.7	63128.	5072.6	134.62	3656.7
Stddev	6.7	35.	29.2	3.72	16.5
%RSD	.22434	.05598	.57535	2.7638	.45190

#1	2964.0	63153.	5051.9	131.99	3645.0
#2	2973.4	63103.	5093.2	137.25	3668.4

Sample Name: J5858-13A Acquired: 11/8/2018 17:48:12 Type: Unk
Method: P4-ICP2(v2557) 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	.77408	1.7615	.92726	1.8838	.75921	10.698	.58833	.18537
Stddev	.00261	.0014	.00047	.0005	.00135	.044	.00152	.00056
%RSD	.33737	.08077	.05042	.02885	.17771	.41532	.25856	.30137
#1	.77592	1.7625	.92759	1.8842	.76017	10.667	.58941	.18497
#2	.77223	1.7605	.92692	1.8835	.75826	10.730	.58726	.18576
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18380	109.98	.38125	.19729	.27859	17.354	2.5153	18.861
Stddev	.00023	1.03	.00018	.00066	.00050	.109	.0023	.014
%RSD	.12314	.93601	.04619	.33602	.18020	.62823	.09301	.07331
#1	.18396	109.25	.38112	.19776	.27894	17.277	2.5136	18.852
#2	.18364	110.71	.38137	.19682	.27823	17.432	2.5169	18.871
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49051	.06701	168.10	.30136	.23775	17.902	.40670	.42171
Stddev	.00095	.00068	1.45	.00051	.00128	.056	.00038	.01081
%RSD	.19450	1.0162	.86246	.16937	.53722	.31451	.09424	2.5627
#1	.49118	.06653	169.13	.30100	.23866	17.863	.40697	.41407
#2	.48983	.06749	167.08	.30172	.23685	17.942	.40643	.42935
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.975	F 27.453	.69057	.42082	.21449	6.265	.63624	3.3299
Stddev	.030	.020	.00032	.01030	.00001	.019	.00308	.1255
%RSD	.18795	.07380	.04597	2.4470	.00367	.3056	.48413	3.7685
#1	15.996	27.438	.69079	.41354	.21449	6.279	.63406	3.4187
#2	15.954	27.467	.69034	.42810	.21450	6.251	.63842	3.2412

Sample Name: J5858-13A Acquired: 11/8/2018 17:48:12 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4560
Stddev	.5078
%RSD	20.676

#1	2.8151
#2	2.0969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.0	63346.	5006.7	133.21	3650.8
Stddev	9.8	331.	20.9	.80	11.1
%RSD	.32964	.52275	.41761	.60362	.30432

#1	2958.0	63112.	4991.9	132.65	3643.0
#2	2971.9	63580.	5021.5	133.78	3658.7

Sample Name: J5768-01 Acquired: 11/8/2018 17:52:01 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01739	-.00776	.22774	.04185	.00220	126.17	.48683
Stddev	.00008	.00274	.00106	.00064	.00018	.07	.00229
%RSD	.43158	35.343	.46469	1.5307	8.3458	.05820	.47004

#1	.01734	-.00970	.22699	.04230	.00233	126.22	.48845
#2	.01745	-.00582	.22849	.04140	.00207	126.12	.48522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00206	46.819	.20469	.11763	.13736	280.98
Stddev	.00005	.00015	.034	.00128	.00014	.00084	1.68
%RSD	2.5864	7.3269	.07185	.62765	.11919	.61266	.59638

#1	.00188	-.00216	46.843	.20378	.11753	.13676	282.16
#2	.00196	-.00195	46.795	.20559	.11773	.13795	279.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5193	52.370	.21487	.00702	5.3535	.35562	.64850
Stddev	.0040	.215	.00076	.00061	.0254	.00162	.00501
%RSD	.11291	.41112	.35283	8.6738	.47351	.45602	.77234

#1	3.5165	52.522	.21540	.00745	5.3714	.35447	.65204
#2	3.5221	52.217	.21433	.00659	5.3355	.35677	.64495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.850	.00378	.13549	5.3861	3.4279	.01284	3.7341
Stddev	.034	.00003	.00440	.0064	.0525	.00066	.0043
%RSD	.26774	.74756	3.2472	.11843	1.5326	5.1547	.11645

#1	12.874	.00380	.13860	5.3816	3.4650	.01331	3.7310
#2	12.826	.00376	.13238	5.3906	3.3907	.01237	3.7371

Sample Name: J5768-01 Acquired: 11/8/2018 17:52:01 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14594	F 10.48	-.21051	<.00000	F<.00000
Stddev	.00009	.03	.00168	.04632	1.8667
%RSD	.05928	.2776	.79627	2.0232	2.3500

#1	.14588	10.50	-.21170	-2.2568	-78.115
#2	.14600	10.46	-.20932	-2.3223	-80.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.6	78734.	6415.7	134.90	3667.0
Stddev	3.8	57.	11.4	.82	5.3
%RSD	.10292	.07203	.17750	.61001	.14546

#1	3670.2	78774.	6407.7	134.32	3663.3
#2	3664.9	78694.	6423.8	135.48	3670.8

Sample Name: J5768-03 Acquired: 11/8/2018 17:55:58 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01657	-.00915	.08904	.03459	.00058	115.49	.49226
Stddev	.00028	.00158	.00306	.00274	.00148	.81	.00176
%RSD	1.6810	17.257	3.4411	7.9250	253.84	.70048	.35675

#1	.01677	-.01027	.09121	.03265	.00163	116.06	.49350
#2	.01637	-.00803	.08687	.03653	-.00046	114.91	.49102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.00205	47.221	.16901	.10075	.02187	240.29
Stddev	.00004	.00055	.031	.00136	.00006	.00724	5.38
%RSD	2.1784	26.595	.06466	.80523	.06160	33.108	2.2395

#1	.00192	-.00167	47.199	.16997	.10079	.02698	236.49
#2	.00186	-.00244	47.242	.16804	.10070	.01675	244.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5522	38.712	.17226	.00484	5.4844	.33733	.49160
Stddev	.0152	.149	.00126	.00109	.0117	.00283	.01289
%RSD	.59601	.38503	.72925	22.529	.21261	.83784	2.6216

#1	2.5629	38.818	.17315	.00407	5.4926	.33933	.48248
#2	2.5414	38.607	.17137	.00561	5.4762	.33533	.50071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.053	.00379	.14662	4.0734	2.8300	.01035	3.4824
Stddev	.006	.00004	.00721	.0173	.0204	.00066	.0079
%RSD	.04809	.97700	4.9191	.42462	.72165	6.4036	.22631

#1	12.057	.00376	.14152	4.0856	2.8445	.01081	3.4768
#2	12.048	.00382	.15172	4.0611	2.8156	.00988	3.4879

Sample Name: J5768-03 Acquired: 11/8/2018 17:55:58 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11703	6.959	-.14890	<.00000	F<.00000
Stddev	.00452	.011	.00579	.02727	.50111
%RSD	3.8631	.1634	3.8855	2.1238	.80794

#1	.11383	6.967	-.14481	-1.2649	-62.377
#2	.12023	6.951	-.15300	-1.3035	-61.668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.5	76526.	6303.2	137.33	3724.3
Stddev	7.9	315.	27.4	3.53	4.1
%RSD	.21958	.41124	.43496	2.5684	.11110

#1	3603.9	76304.	6322.6	139.83	3721.4
#2	3615.1	76749.	6283.8	134.84	3727.2

Sample Name: J5838-01 Acquired: 11/8/2018 17:59:55 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05198	-.00395	.08935	.02622	.00185	97.024	.29307
Stddev	.00011	.00083	.00077	.00062	.00024	.316	.00184
%RSD	.20455	20.994	.85733	2.3689	12.806	.32527	.62842

#1	.05206	-.00454	.08881	.02578	.00201	96.801	.29437
#2	.05191	-.00336	.08989	.02666	.00168	97.247	.29176

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00099	233.06	.16951	.03115	-.04709	177.22
Stddev	.00007	.00019	.99	.00148	.00038	.00030	.11
%RSD	2.3655	18.705	.42604	.87369	1.2239	.62813	.06240

#1	.00295	-.00113	232.35	.17056	.03088	-.04730	177.30
#2	.00285	-.00086	233.76	.16847	.03142	-.04688	177.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5328	121.52	.07017	.00149	.77548	.25059	1.9246
Stddev	.0001	.58	.00036	.00034	.00154	.00195	.0253
%RSD	.00886	.47827	.51703	22.482	.19819	.77934	1.3127

#1	1.5329	121.93	.07042	.00126	.77657	.25198	1.9424
#2	1.5327	121.11	.06991	.00173	.77440	.24921	1.9067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6908	.00575	.03649	2.4484	7.5487	.00680	.87361
Stddev	.0135	.00019	.00266	.0014	.1212	.00041	.00363
%RSD	.28776	3.2337	7.2887	.05543	1.6052	6.0262	.41561

#1	4.6813	.00588	.03461	2.4493	7.6344	.00709	.87104
#2	4.7003	.00562	.03837	2.4474	7.4630	.00651	.87618

Sample Name: J5838-01 Acquired: 11/8/2018 17:59:55 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04898	2.216	-.02826	1.3513	F<.00000
Stddev	.00239	.008	.00156	.0082	.52839
%RSD	4.8818	.3589	5.5041	.60634	2.0019

#1	.05067	2.210	-.02936	1.3455	-26.768
#2	.04729	2.221	-.02716	1.3571	-26.020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.6	67587.	5527.4	132.40	3539.3
Stddev	3.6	226.	34.4	1.63	9.1
%RSD	.11455	.33457	.62151	1.2282	.25639

#1	3131.2	67427.	5503.1	131.25	3545.8
#2	3126.1	67747.	5551.7	133.55	3532.9

Sample Name: CCV06 Acquired: 11/8/2018 18:03:49 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14146 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2555	5.0168	5.1920	5.1834	5.0811	10.017	10.458	.25308
Stddev	.0570	.0751	.0666	.0583	.0444	.012	.007	.00021
%RSD	1.0850	1.4979	1.2830	1.1253	.87326	.12262	.06494	.08332
#1	5.2959	5.0700	5.2391	5.2246	5.1125	10.009	10.453	.25323
#2	5.2152	4.9637	5.1449	5.1421	5.0498	10.026	10.463	.25293
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5498	25.543	1.0032	2.5803	1.2445	5.1558	2.5461	25.704
Stddev	.0313	.129	.0053	.0310	.0131	.2083	.0011	.069
%RSD	1.2293	.50676	.52648	1.2008	1.0556	4.0404	.04304	.26698
#1	2.5720	25.451	.99948	2.6023	1.2538	5.0085	2.5469	25.656
#2	2.5276	25.634	1.0070	2.5584	1.2352	5.3031	2.5453	25.753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6151	1.2925	24.833	2.5531	2.6026	26.049	5.1556	5.1998
Stddev	.0307	.0018	.070	.0032	.0893	.070	.0501	.0331
%RSD	1.1753	.14083	.28105	.12662	3.4304	.26899	.97131	.63554
#1	2.6368	1.2913	24.784	2.5554	2.5394	25.999	5.1910	5.2232
#2	2.5934	1.2938	24.883	2.5508	2.6657	26.099	5.1202	5.1764
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1496	5.2106	5.1703	5.2391	5.1100	5.069	5.1149	F 3.2465
Stddev	.0767	.0398	.0586	.0173	.0195	.077	.0550	.0348
%RSD	1.4904	.76387	1.1330	.33089	.38197	1.512	1.0759	1.0707
#1	5.2039	5.1825	5.2117	5.2514	5.0962	5.123	5.0760	3.2711
#2	5.0953	5.2388	5.1289	5.2269	5.1238	5.015	5.1538	3.2220

Sample Name: CCV06 Acquired: 11/8/2018 18:03:49 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14146 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4743
Stddev	.3976
%RSD	16.069

#1	2.7554
#2	2.1932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.5	64404.	5153.1	136.27	3742.2
Stddev	29.3	74.	15.0	4.54	48.4
%RSD	.96086	.11554	.29038	3.3302	1.2943

#1	3023.8	64352.	5163.7	139.48	3707.9
#2	3065.2	64457.	5142.5	133.07	3776.4

Sample Name: CCB06 Acquired: 11/8/2018 18:07:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14146 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00059	.00022	.00041	-.00114	-.00759	-.00079
Stddev	.00028	.00101	.00010	.00097	.00023	.00600	.00038
%RSD	120.52	170.19	43.202	234.62	20.522	79.138	48.546

#1	-.00003	.00012	.00029	-.00027	-.00130	-.00334	-.00052
#2	-.00043	-.00131	.00015	.00110	-.00097	-.01183	-.00106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00006	-.00020	-.00000	.00004	.00014	.00380
Stddev	.00005	.00003	.00117	.00027	.00017	.00008	.00795
%RSD	93.901	45.183	583.83	6402.6	385.74	60.551	209.24

#1	-.00008	.00009	-.00103	-.00020	-.00007	.00008	-.00182
#2	-.00002	.00004	.00063	.00019	.00016	.00019	.00942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00782	.00045	.00055	.08522	.00014	-.00180
Stddev	.00002	.00571	.00015	.00024	.00335	.00022	.00001
%RSD	9.1072	73.087	34.085	42.776	3.9320	156.03	.49273

#1	-.00018	-.00378	.00056	.00072	.08285	.00030	-.00179
#2	-.00016	-.01186	.00034	.00038	.08759	-.00001	-.00180

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08579	-.00002	.00723	.00041	.00233	-.00104	.00120
Stddev	.02909	.00028	.00613	.00013	.00125	.00049	.00098
%RSD	33.913	1261.2	84.819	31.160	53.609	47.518	81.965

#1	.10637	.00017	.01156	.00032	.00322	-.00069	.00050
#2	.06522	-.00022	.00289	.00051	.00145	-.00139	.00189

Sample Name: CCB06 Acquired: 11/8/2018 18:07:39 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14146 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.0013	.00011	F 1.8136	F<.00000
Stddev	.00063	.0010	.00001	.0040	.25757
%RSD	11369.	77.68	10.523	.22182	101.75

#1	-.00045	-.0006	.00012	1.8108	-.43527
#2	.00044	-.0021	.00010	1.8164	-.07101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.5	68126.	5234.7	144.89	4314.0
Stddev	.2	266.	27.2	2.12	1.9
%RSD	.00520	.38985	.52012	1.4600	.04482

#1	3189.6	67938.	5253.9	143.39	4315.4
#2	3189.3	68314.	5215.4	146.38	4312.6

Sample Name: J5838-01DUP Acquired: 11/8/2018 18:11:45 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04690	-.00364	.08952	.02516	-.00035	97.117	.29566
Stddev	.00242	.00010	.00053	.00242	.00121	.019	.00353
%RSD	5.1583	2.8781	.59099	9.6330	344.52	.01968	1.1942

#1	.04519	-.00356	.08990	.02345	.00050	97.103	.29815
#2	.04861	-.00371	.08915	.02688	-.00121	97.130	.29316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00075	233.76	.16947	.03150	-.04659	175.97
Stddev	.00011	.00008	.29	.00064	.00048	.00137	1.92
%RSD	3.7057	10.759	.12212	.38025	1.5303	2.9457	1.0939

#1	.00317	-.00069	233.97	.16993	.03184	-.04562	174.61
#2	.00301	-.00081	233.56	.16902	.03116	-.04757	177.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5386	122.55	.06975	.00184	.75314	.25092	1.9203
Stddev	.0002	.59	.00007	.00089	.00134	.00216	.0160
%RSD	.01441	.48261	.10136	48.215	.17816	.86056	.83314

#1	1.5385	122.97	.06970	.00121	.75219	.24939	1.9089
#2	1.5388	122.13	.06980	.00247	.75409	.25245	1.9316

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6812	.00571	.03624	2.4447	7.6194	.00714	.87692
Stddev	.0142	.00007	.00060	.0144	.0440	.00037	.00270
%RSD	.30354	1.1709	1.6544	.58721	.57739	5.1648	.30799

#1	4.6912	.00576	.03667	2.4549	7.6505	.00688	.87501
#2	4.6711	.00567	.03582	2.4346	7.5883	.00740	.87883

Sample Name: J5838-01DUP Acquired: 11/8/2018 18:11:45 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05101	2.206	-.02556	1.4158	F<.00000
Stddev	.00103	.015	.00125	.1223	.57873
%RSD	2.0105	.6935	4.8719	8.6380	2.1982

#1	.05173	2.217	-.02468	1.5022	-25.918
#2	.05028	2.195	-.02644	1.3293	-26.736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3119.9	67425.	5493.2	132.84	3542.4
Stddev	1.9	36.	14.7	1.03	12.9
%RSD	.06002	.05366	.26772	.77258	.36542

#1	3118.6	67451.	5482.8	133.57	3533.3
#2	3121.2	67399.	5503.6	132.12	3551.6

Sample Name: J5838-01LX5 Acquired: 11/8/2018 18:15:39 Type: Unk
Method: P4-ICP2(v2557) 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	.00837	-.00231	.01797	.00474	-.00264	18.757	.05947	.00046
Stddev	.00098	.00063	.00120	.00312	.00035	.033	.00005	.00007
%RSD	11.727	27.167	6.6746	65.788	13.238	.17832	.08944	14.808

#1	.00768	-.00276	.01882	.00694	-.00289	18.781	.05943	.00042
#2	.00907	-.00187	.01712	.00253	-.00239	18.733	.05951	.00051

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	48.420	.03481	.00592	-.00692	33.291	.32386	25.821
Stddev	.00004	.281	.00001	.00036	.00076	.517	.00034	.087
%RSD	8.5741	.58016	.01448	6.0411	10.930	1.5529	.10462	.33887

#1	-.00040	48.221	.03481	.00567	-.00638	32.925	.32363	25.759
#2	-.00045	48.618	.03480	.00617	-.00745	33.656	.32410	25.883

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01274	.00010	.21070	.05066	.37648	1.0261	.00041	-.00148
Stddev	.00002	.00066	.00569	.00008	.00657	.0336	.00016	.00769
%RSD	.15243	690.53	2.7004	.15140	1.7460	3.2728	38.542	519.65

#1	.01273	.00056	.20668	.05072	.37184	1.0499	.00053	-.00691
#2	.01276	-.00037	.21473	.05061	.38113	1.0024	.00030	.00396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44390	1.6160	-.00037	.17695	.01055	.3969	-.00275	1.5178
Stddev	.00020	.0246	.00006	.00268	.00118	.0008	.00067	.1730
%RSD	.04459	1.5248	16.753	1.5159	11.219	.2033	24.550	11.399

#1	.44376	1.5985	-.00042	.17506	.01139	.3963	-.00227	1.3955
#2	.44404	1.6334	-.00033	.17885	.00971	.3974	-.00322	1.6401

Sample Name: J5838-01LX5 Acquired: 11/8/2018 18:15:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.4761
Stddev	.0092
%RSD	.12342

#1	7.4826
#2	7.4696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.5	67782.	5273.3	141.86	3981.6
Stddev	5.5	39.	19.2	2.71	2.1
%RSD	.17426	.05793	.36447	1.9106	.05202

#1	3145.6	67810.	5286.9	143.78	3980.1
#2	3153.3	67755.	5259.7	139.95	3983.0

Sample Name: J5838-01MS Acquired: 11/8/2018 18:19:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79323	1.8910	1.0870	1.8086	.14256	140.17	.57057
Stddev	.01303	.0343	.0198	.0199	.00428	.23	.00436
%RSD	1.6429	1.8110	1.8195	1.0975	2.9995	.16470	.76448

#1	.78401	1.8668	1.0730	1.7946	.13953	140.01	.56749
#2	.80244	1.9152	1.1010	1.8226	.14558	140.33	.57366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19414	.19450	187.80	.57388	.23557	.20642	202.86
Stddev	.00026	.00361	1.87	.00472	.00443	.00363	3.61
%RSD	.13219	1.8568	.99689	.82267	1.8799	1.7583	1.7813

#1	.19396	.19195	186.47	.57054	.23244	.20385	200.31
#2	.19432	.19706	189.12	.57722	.23870	.20899	205.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8719	93.625	.58754	.06918	3.8812	.58008	1.8939
Stddev	.0025	1.547	.01328	.00080	.0472	.00022	.0346
%RSD	.13537	1.6524	2.2609	1.1569	1.2151	.03770	1.8278

#1	1.8701	92.531	.57815	.06861	3.8478	.57992	1.8694
#2	1.8737	94.719	.59694	.06975	3.9145	.58023	1.9183

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.440	.35046	.25218	2.8058	9.8187	.66514	1.2044
Stddev	.118	.00574	.01032	.0473	.1344	.01089	.0265
%RSD	.76165	1.6366	4.0941	1.6847	1.3683	1.6376	2.2036

#1	15.357	.34640	.24487	2.7724	9.7237	.65744	1.1856
#2	15.523	.35452	.25948	2.8392	9.9137	.67284	1.2232

Sample Name: J5838-01MS Acquired: 11/8/2018 18:19:39 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-1MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26539	8.170	.17546	.38606	F<.00000
Stddev	.00617	.137	.00010	.07735	1.6424
%RSD	2.3248	1.678	.05904	20.036	3.9174

#1	.26103	8.073	.17553	.33137	-40.763
#2	.26976	8.267	.17538	.44076	-43.086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.1	67514.	5487.8	135.51	3568.9
Stddev	37.2	7.	43.8	1.99	51.6
%RSD	1.1647	.00981	.79818	1.4667	1.4454

#1	3220.4	67509.	5518.7	136.92	3605.3
#2	3167.8	67519.	5456.8	134.11	3532.4

Sample Name: J5838-01MSD Acquired: 11/8/2018 18:23:30 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80435	1.9338	1.1106	1.8417	.14652	137.91	.58489
Stddev	.00348	.0024	.0002	.0024	.00149	.13	.00103
%RSD	.43322	.12679	.02020	.12881	1.0193	.09129	.17583

#1	.80189	1.9355	1.1107	1.8400	.14758	138.00	.58562
#2	.80682	1.9321	1.1104	1.8434	.14546	137.82	.58417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19142	.19872	190.01	.56664	.24101	.20889	207.08
Stddev	.00040	.00038	.47	.00086	.00032	.00277	2.52
%RSD	.21040	.19358	.24916	.15261	.13167	1.3266	1.2178

#1	.19113	.19844	190.34	.56725	.24078	.20693	208.86
#2	.19170	.19899	189.67	.56602	.24123	.21085	205.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8435	95.577	.60112	.06949	3.9704	.57181	1.9531
Stddev	.0005	.045	.00111	.00060	.0120	.00027	.0217
%RSD	.02943	.04757	.18529	.86476	.30165	.04689	1.1104

#1	1.8431	95.609	.60033	.06906	3.9619	.57163	1.9684
#2	1.8439	95.545	.60190	.06991	3.9788	.57200	1.9377

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.723	.35746	.25941	2.8589	9.9191	.68133	1.2308
Stddev	.022	.00071	.00092	.0018	.0246	.00172	.0157
%RSD	.13853	.19793	.35421	.06405	.24829	.25198	1.2741

#1	15.708	.35696	.25876	2.8576	9.9017	.68012	1.2198
#2	15.739	.35796	.26006	2.8602	9.9365	.68254	1.2419

Sample Name: J5838-01MSD Acquired: 11/8/2018 18:23:30 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27436	8.342	.17569	.02015	F<.00000
Stddev	.00041	.003	.00187	.04211	.21225
%RSD	.15065	.0348	1.0621	208.94	.53476

#1	.27406	8.340	.17437	.04993	-39.540
#2	.27465	8.344	.17701	-.00962	-39.840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.6	68333.	5370.6	131.57	3507.5
Stddev	1.0	140.	4.5	1.50	11.4
%RSD	.03132	.20422	.08456	1.1418	.32373

#1	3152.9	68234.	5367.4	130.51	3499.5
#2	3154.3	68432.	5373.8	132.64	3515.5

Sample Name: J5838-01A Acquired: 11/8/2018 18:27:22 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7664 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79691	1.9041	1.0954	1.8144	.14545	136.40	.57980
Stddev	.00451	.0052	.0018	.0051	.00087	.08	.00024
%RSD	.56537	.27075	.16807	.28173	.59893	.05720	.04159

#1	.80010	1.9078	1.0967	1.8108	.14607	136.45	.57997
#2	.79373	1.9005	1.0941	1.8180	.14484	136.34	.57963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18902	.19650	188.54	.56151	.23874	.20593	206.40
Stddev	.00001	.00072	.13	.00076	.00064	.00008	.78
%RSD	.00777	.36439	.06762	.13581	.27014	.03773	.37806

#1	.18903	.19700	188.45	.56097	.23919	.20588	206.95
#2	.18901	.19599	188.63	.56205	.23828	.20599	205.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8253	94.844	.59312	.06866	3.9315	.56501	1.9436
Stddev	.0003	.037	.00250	.00050	.0096	.00191	.0069
%RSD	.01406	.03905	.42169	.73415	.24406	.33825	.35446

#1	1.8254	94.818	.59489	.06830	3.9247	.56636	1.9485
#2	1.8251	94.871	.59135	.06902	3.9382	.56365	1.9387

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.633	.35408	.26044	2.8328	9.7929	.67221	1.1976
Stddev	.016	.00064	.00031	.0198	.0599	.00355	.0075
%RSD	.10273	.17949	.11821	.69940	.61150	.52789	.62381

#1	15.622	.35453	.26022	2.8469	9.8353	.67471	1.2029
#2	15.645	.35363	.26066	2.8188	9.7506	.66970	1.1924

Sample Name: J5838-01A Acquired: 11/8/2018 18:27:22 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7664 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26727	8.223	.17346	<.00000	F<.00000
Stddev	.00091	.031	.00010	.07517	.73112
%RSD	.33944	.3718	.05577	104.96	1.7539

#1	.26791	8.244	.17353	-.12476	-41.168
#2	.26663	8.201	.17339	-.01846	-42.202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.4	69072.	5426.9	132.15	3545.8
Stddev	3.0	121.	7.6	.62	3.7
%RSD	.09310	.17584	.14059	.47260	.10505

#1	3177.3	68986.	5421.5	131.71	3543.2
#2	3181.5	69158.	5432.3	132.60	3548.4

Sample Name: J5838-11 Acquired: 11/8/2018 18:31:13 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05333	-.00701	.11079	.02171	.00098	99.629	.33331
Stddev	.00466	.00004	.00087	.00176	.00386	.032	.00286
%RSD	8.7346	.52043	.78674	8.1145	394.04	.03195	.85853

#1	.05004	-.00699	.11140	.02296	.00371	99.607	.33533
#2	.05662	-.00704	.11017	.02046	-.00175	99.652	.33129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	.00023	315.63	.19657	.03701	-.02304	180.19
Stddev	.00003	.00065	.65	.00057	.00020	.00408	3.95
%RSD	.80574	289.82	.20581	.28946	.53223	17.701	2.1930

#1	.00357	.00069	316.09	.19698	.03715	-.02015	177.40
#2	.00352	-.00024	315.17	.19617	.03687	-.02592	182.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7072	176.98	.07830	.00157	.83344	.26780	1.7426
Stddev	.0010	1.36	.00014	.00051	.00057	.00187	.0326
%RSD	.05978	.76638	.18063	32.492	.06857	.69969	1.8715

#1	1.7080	177.94	.07820	.00121	.83304	.26913	1.7195
#2	1.7065	176.02	.07840	.00193	.83384	.26648	1.7656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9048	.00604	.02809	3.7499	7.4686	.00807	.95954
Stddev	.0462	.00001	.00625	.0142	.0158	.00060	.00237
%RSD	.94195	.20728	22.256	.37941	.21086	7.4589	.24733

#1	4.9375	.00605	.02367	3.7599	7.4575	.00764	.96122
#2	4.8721	.00603	.03251	3.7398	7.4798	.00849	.95787

Sample Name: J5838-11 Acquired: 11/8/2018 18:31:13 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05924	2.457	-.00693	.65947	F<.00000
Stddev	.00223	.012	.00426	.06010	.37240
%RSD	3.7651	.4732	61.405	9.1126	1.5442

#1	.05766	2.465	-.00392	.61698	-24.380
#2	.06081	2.449	-.00994	.70197	-23.853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.5	67219.	5398.8	131.48	3432.0
Stddev	4.2	93.	25.1	2.43	19.0
%RSD	.13585	.13830	.46553	1.8449	.55472

#1	3058.5	67154.	5381.1	133.19	3418.5
#2	3064.4	67285.	5416.6	129.76	3445.4

Sample Name: J5857-01 Acquired: 11/8/2018 18:35:06 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PS-CON-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04812	-.03084	1.7405	.03211	.00965	254.26	1.2315
Stddev	.00730	.00278	.0004	.00236	.00113	.65	.0095
%RSD	15.170	9.0051	.02042	7.3367	11.659	.25454	.77532

#1	.04296	-.03281	1.7402	.03045	.00885	253.81	1.2382
#2	.05328	-.02888	1.7407	.03378	.01045	254.72	1.2247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	.00541	1743.2	.27504	.15470	.38720	333.68
Stddev	.00010	.00009	3.4	.00155	.00055	.00062	.59
%RSD	1.6834	1.6384	.19447	.56319	.35364	.15957	.17691

#1	.00576	.00547	1740.8	.27614	.15508	.38676	333.26
#2	.00590	.00534	1745.6	.27394	.15431	.38763	334.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2886	115.06	.30886	.01124	29.039	.48209	1.5225
Stddev	.0053	.74	.00050	.00076	.134	.00077	.0023
%RSD	.10031	.63956	.16148	6.7289	.46251	.15959	.15156

#1	5.2924	115.58	.30921	.01070	29.134	.48263	1.5209
#2	5.2849	114.54	.30850	.01177	28.944	.48155	1.5241

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.811	.00388	.41448	F 31.450	.92977	.08105	F 11.904
Stddev	.418	.00060	.01100	.045	.01774	.00054	.075
%RSD	.73625	15.354	2.6544	.14316	1.9081	.66868	.63020

#1	57.107	.00346	.42226	31.482	.94231	.08067	11.958
#2	56.515	.00430	.40670	31.418	.91722	.08144	11.851

Sample Name: J5857-01 Acquired: 11/8/2018 18:35:06 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PS-CON-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26942	F 17.53	F 10.790	.17345	F<.00000
Stddev	.00104	.02	.068	.02228	1.7150
%RSD	.38625	.1265	.63318	12.847	2.6584

#1	.27016	17.55	10.838	.15769	-65.724
#2	.26868	17.52	10.741	.18921	-63.298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.8	64277.	5549.3	119.28	2839.1
Stddev	1.9	77.	38.4	.24	2.9
%RSD	.06373	.12007	.69126	.20046	.10330

#1	2937.5	64332.	5522.2	119.45	2837.1
#2	2940.1	64222.	5576.5	119.11	2841.2

Sample Name: J5857-02 Acquired: 11/8/2018 18:39:20 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PS-CON-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02575	-.02515	.30732	.01711	.00317	250.72	1.0125
Stddev	.00392	.00148	.00093	.00440	.00088	.30	.0026
%RSD	15.220	5.8855	.30206	25.719	27.895	.12045	.25308

#1	.02852	-.02620	.30798	.02022	.00254	250.94	1.0107
#2	.02298	-.02410	.30667	.01400	.00380	250.51	1.0143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	.00348	1709.6	.24783	.12326	.08267	265.94
Stddev	.00022	.00027	2.0	.00005	.00046	.00256	2.16
%RSD	4.1425	7.7552	.11549	.02174	.37185	3.1021	.81305

#1	.00524	.00329	1708.2	.24779	.12358	.08085	267.47
#2	.00556	.00367	1711.0	.24786	.12294	.08448	264.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6232	101.65	.20768	.00691	11.403	.37519	.56084
Stddev	.0187	.07	.00091	.00126	.043	.00119	.00174
%RSD	.40389	.06527	.43880	18.185	.37399	.31680	.31012

#1	4.6364	101.69	.20832	.00779	11.373	.37435	.56207
#2	4.6100	101.60	.20704	.00602	11.433	.37603	.55961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.620	.00291	.42744	F 61.764	1.2919	.00855	8.0449
Stddev	.012	.00071	.00577	.290	.0091	.00274	.0336
%RSD	.08023	24.463	1.3492	.46878	.70352	32.086	.41710

#1	14.612	.00341	.43152	61.969	1.2855	.00661	8.0686
#2	14.628	.00241	.42336	61.560	1.2984	.01049	8.0211

Sample Name: J5857-02 Acquired: 11/8/2018 18:39:20 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PS-CON-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26003	F 11.25	7.7688	.56056	F<.00000
Stddev	.00241	.04	.0211	.14783	.74179
%RSD	.92736	.3998	.27105	26.372	1.9184

#1	.25833	11.28	7.7836	.66509	-39.191
#2	.26174	11.22	7.7539	.45603	-38.142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.5	64179.	5528.1	121.23	2896.7
Stddev	5.8	128.	10.2	.46	13.3
%RSD	.19623	.19959	.18404	.37904	.45987

#1	2944.4	64089.	5520.9	120.91	2887.3
#2	2952.6	64270.	5535.3	121.56	2906.1

Sample Name: J5858-03 Acquired: 11/8/2018 18:43:35 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01301	-.00713	.22298	.02160	.00191	99.131	.60126
Stddev	.00142	.00216	.00164	.00093	.00136	.818	.00193
%RSD	10.891	30.306	.73753	4.3280	71.308	.82543	.32066

#1	.01401	-.00560	.22415	.02094	.00287	98.552	.60262
#2	.01201	-.00866	.22182	.02226	.00095	99.709	.59989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00158	22.380	.12304	.08190	.17966	161.29
Stddev	.00003	.00007	.077	.00249	.00048	.00013	.87
%RSD	1.1335	4.1816	.34356	2.0240	.58938	.07450	.53733

#1	.00275	-.00163	22.434	.12128	.08156	.17975	161.90
#2	.00279	-.00153	22.325	.12480	.08224	.17956	160.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0161	29.661	.16077	.00288	4.9823	.20411	.49131
Stddev	.0028	.105	.00004	.00042	.0104	.00254	.00965
%RSD	.09145	.35328	.02636	14.689	.20811	1.2437	1.9641

#1	3.0142	29.735	.16080	.00318	4.9896	.20232	.49814
#2	3.0181	29.587	.16074	.00258	4.9750	.20591	.48449

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2397	.00067	.05575	.72725	6.5713	.01271	1.9052
Stddev	.0567	.00024	.00379	.00376	.0019	.00046	.0003
%RSD	.68780	35.932	6.8021	.51699	.02868	3.5878	.01605

#1	8.2798	.00084	.05307	.72991	6.5726	.01239	1.9054
#2	8.1996	.00050	.05843	.72460	6.5699	.01304	1.9050

Sample Name: J5858-03 Acquired: 11/8/2018 18:43:35 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13774	5.325	-.02547	<.00000	F<.00000
Stddev	.00328	.013	.00094	.17223	.36726
%RSD	2.3806	.2479	3.7023	17.977	1.6509

#1	.14006	5.334	-.02614	-.83629	-21.987
#2	.13542	5.316	-.02481	-1.0799	-22.506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.9	72978.	5650.0	137.51	3830.8
Stddev	8.0	60.	50.8	2.27	.8
%RSD	.23596	.08224	.89944	1.6479	.02128

#1	3374.3	73021.	5614.1	135.91	3831.4
#2	3385.6	72936.	5686.0	139.11	3830.2

Sample Name: J5858-07 Acquired: 11/8/2018 18:47:27 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00532	-.00439	.06470	.01625	.00233	62.623	.43320
Stddev	.00026	.00146	.00064	.00068	.00188	.020	.00379
%RSD	4.9066	33.319	.99624	4.1604	80.485	.03194	.87498

#1	.00513	-.00336	.06516	.01673	.00101	62.638	.43052
#2	.00550	-.00543	.06424	.01577	.00366	62.609	.43588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00128	12.580	.08659	.04516	.12491	109.58
Stddev	.00005	.00012	.100	.00005	.00012	.00160	.28
%RSD	2.4869	9.6424	.79375	.06190	.26203	1.2836	.25716

#1	.00188	-.00119	12.510	.08663	.04525	.12605	109.38
#2	.00195	-.00137	12.651	.08655	.04508	.12378	109.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2996	18.515	.09905	.00093	2.7632	.11344	.25560
Stddev	.0032	.161	.00012	.00005	.0102	.00085	.00023
%RSD	.14012	.86985	.12370	5.8509	.36838	.75110	.09191

#1	2.2973	18.401	.09914	.00097	2.7560	.11404	.25543
#2	2.3019	18.629	.09896	.00089	2.7704	.11283	.25577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7707	.00058	.03383	.96553	5.0182	.00437	.94605
Stddev	.0261	.00017	.01070	.00787	.0442	.00037	.00423
%RSD	.38524	28.489	31.621	.81554	.88172	8.5439	.44742

#1	6.7522	.00070	.04139	.97110	4.9869	.00464	.94905
#2	6.7891	.00046	.02627	.95996	5.0495	.00411	.94306

Sample Name: J5858-07 Acquired: 11/8/2018 18:47:27 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09974	5.019	-.05570	<.00000	F<.00000
Stddev	.00040	.030	.00068	.01946	.09302
%RSD	.40344	.6012	1.2193	1.7928	1.6820

#1	.10002	5.040	-.05522	-1.0990	-5.5960
#2	.09945	4.998	-.05618	-1.0715	-5.4644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.1	73591.	5671.7	143.85	3950.4
Stddev	25.8	73.	37.6	.36	24.8
%RSD	.75935	.09932	.66291	.25067	.62667

#1	3383.8	73539.	5698.3	144.11	3932.9
#2	3420.4	73643.	5645.1	143.60	3967.9

Sample Name: CCV07 Acquired: 11/8/2018 18:51:23 Type: Unk
Method: P4-ICP2(v2557) 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	5.1739	5.0254	5.1360	5.1028	5.0693	9.7026	10.677	.24977
Stddev	.0016	.0063	.0012	.0088	.0106	.0092	.027	.00002
%RSD	.03131	.12456	.02377	.17149	.20883	.09431	.25000	.00723
#1	5.1750	5.0210	5.1352	5.1090	5.0768	9.7090	10.696	.24978
#2	5.1728	5.0298	5.1369	5.0966	5.0618	9.6961	10.658	.24976
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5406	25.580	.97281	2.5675	1.2502	5.0337	2.5116	26.310
Stddev	.0015	.008	.00119	.0012	.0012	.0296	.0004	.103
%RSD	.05952	.03247	.12184	.04778	.09834	.58839	.01434	.39143
#1	2.5395	25.574	.97197	2.5684	1.2493	5.0127	2.5118	26.383
#2	2.5417	25.586	.97365	2.5666	1.2511	5.0546	2.5113	26.238
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5952	1.2470	25.750	2.5272	2.5904	26.406	5.1554	5.2076
Stddev	.0019	.0009	.037	.0025	.0181	.045	.0009	.0045
%RSD	.07451	.07059	.14447	.09729	.70015	.17006	.01697	.08617
#1	2.5938	1.2464	25.776	2.5254	2.5776	26.437	5.1561	5.2108
#2	2.5965	1.2476	25.723	2.5289	2.6032	26.374	5.1548	5.2044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0661	5.2608	5.1047	5.2077	5.2288	5.022	5.1587	F 1.9950
Stddev	.0006	.0031	.0017	.0005	.0063	.006	.0224	.0579
%RSD	.01193	.05791	.03236	.01030	.12140	.1180	.43379	2.9005
#1	5.0657	5.2587	5.1036	5.2073	5.2333	5.026	5.1745	1.9541
#2	5.0666	5.2630	5.1059	5.2080	5.2243	5.018	5.1428	2.0359

Sample Name: CCV07 Acquired: 11/8/2018 18:51:23 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5735
Stddev .0912
%RSD 3.5423

#1 2.6380
#2 2.5090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3043.0	65745.	5043.0	136.78	3765.0
Stddev	2.0	71.	9.2	.96	2.4
%RSD	.06453	.10869	.18199	.70401	.06374

#1	3041.6	65796.	5036.5	137.46	3763.3
#2	3044.4	65694.	5049.4	136.10	3766.7

Sample Name: CCB07 Acquired: 11/8/2018 18:55:13 Type: Unk
Method: P4-ICP2(v2557) 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	.00040	.00010	.00141	-.00036	-.00122	.01307	-.00119	-.00010
Stddev	.00104	.00130	.00039	.00184	.00224	.00706	.00041	.00007
%RSD	260.87	1248.5	27.741	507.54	183.88	54.059	34.531	69.323
#1	-.00034	-.00081	.00113	-.00167	.00037	.00807	-.00090	-.00005
#2	.00113	.00102	.00168	.00094	-.00280	.01806	-.00148	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00659	-.00058	-.00010	-.00035	.00078	-.00009	.00020
Stddev	.00008	.00017	.00022	.00025	.00022	.00641	.00007	.02961
%RSD	186.07	2.5910	37.001	261.57	61.760	825.10	72.756	14794.
#1	.00010	.00647	-.00074	.00008	-.00050	-.00376	-.00014	.02114
#2	-.00001	.00671	-.00043	-.00027	-.00020	.00531	-.00004	-.02074
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00038	.07525	.00021	-.00175	.04875	-.00002	.00826
Stddev	.00032	.00056	.00460	.00022	.00000	.02459	.00012	.00010
%RSD	65.653	150.16	6.1101	102.73	.00511	50.444	818.59	1.2676
#1	.00026	.00077	.07850	.00036	-.00175	.03136	-.00010	.00834
#2	.00071	-.00002	.07200	.00006	-.00175	.06614	.00007	.00819
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00256	-.00108	-.00022	.00454	.0004	-.00013	F .25170
Stddev	.00018	.00163	.00036	.00056	.00079	.0012	.00003	.02406
%RSD	9.6841	63.728	33.199	250.36	17.394	307.6	24.572	9.5596
#1	.00203	.00372	-.00133	-.00062	.00399	-.0005	-.00011	.23468
#2	.00177	.00141	-.00082	.00017	.00510	.0013	-.00015	.26871

Sample Name: CCB07 Acquired: 11/8/2018 18:55:13 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .19503
Stddev .17281
%RSD 88.606

#1 .07284
#2 .31722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.1	69637.	5146.5	144.48	4405.6
Stddev	1.2	178.	.3	2.07	3.4
%RSD	.03779	.25577	.00537	1.4315	.07726

#1	3234.0	69511.	5146.7	143.02	4408.0
#2	3232.3	69763.	5146.3	145.94	4403.2

Sample Name: J5858-11 Acquired: 11/8/2018 18:59:18 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08856	-.01032	1.3443	.04664	.05130	154.59	1.4058
Stddev	.00067	.00136	.0003	.00110	.00161	.98	.0022
%RSD	.75179	13.169	.01978	2.3491	3.1365	.63532	.15425

#1	.08903	-.01128	1.3444	.04587	.05017	155.28	1.4042
#2	.08809	-.00936	1.3441	.04742	.05244	153.89	1.4073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	.00074	250.68	.17404	.13824	.42408	346.95
Stddev	.00004	.00013	1.89	.00114	.00036	.00111	2.09
%RSD	1.2182	17.501	.75275	.65622	.26199	.26130	.60240

#1	.00363	.00083	249.35	.17323	.13850	.42487	345.47
#2	.00370	.00065	252.02	.17485	.13799	.42330	348.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6805	53.089	.28852	.00712	17.299	.34573	1.1490
Stddev	.0215	.136	.00050	.00008	.024	.00152	.0125
%RSD	.37814	.25530	.17452	1.0646	.14136	.43863	1.0855

#1	5.6956	52.993	.28887	.00706	17.281	.34466	1.1402
#2	5.6653	53.185	.28816	.00717	17.316	.34680	1.1578

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.820	.00582	.16770	F 11.396	8.3494	3.9270	3.6872
Stddev	.051	.00004	.01468	.015	.1068	.0023	.0109
%RSD	.47131	.65670	8.7520	.13395	1.2793	.05818	.29596

#1	10.783	.00580	.15732	11.407	8.2739	3.9286	3.6795
#2	10.856	.00585	.17808	11.385	8.4249	3.9253	3.6949

Sample Name: J5858-11 Acquired: 11/8/2018 18:59:18 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18205	8.580	.53736	<.00000	F<.00000
Stddev	.00082	.027	.00270	.02077	2.1061
%RSD	.45280	.3169	.50215	.93040	2.0179

#1	.18264	8.599	.53545	-2.2472	-102.88
#2	.18147	8.561	.53927	-2.2178	-105.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.6	71950.	5895.8	134.49	3498.8
Stddev	8.4	154.	53.5	1.23	12.4
%RSD	.25188	.21419	.90708	.91365	.35445

#1	3318.7	71841.	5933.6	135.36	3490.0
#2	3330.5	72059.	5858.0	133.62	3507.6

Sample Name: J5859-02 Acquired: 11/8/2018 19:03:20 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-23(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04411	-.01936	1.1513	.05503	.00310	162.99	1.5420
Stddev	.00344	.00150	.0078	.00268	.00003	.76	.0080
%RSD	7.7955	7.7632	.67891	4.8622	.81890	.46324	.52229

#1	.04654	-.02042	1.1568	.05314	.00308	162.46	1.5477
#2	.04168	-.01830	1.1458	.05692	.00312	163.52	1.5363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	.00243	176.47	.40528	.18508	.65208	390.55
Stddev	.00000	.00020	.19	.00148	.00107	.00406	1.02
%RSD	.03964	8.4329	.10659	.36480	.57754	.62189	.26231

#1	.00378	.00258	176.34	.40423	.18584	.65495	391.27
#2	.00378	.00229	176.61	.40632	.18433	.64921	389.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4709	120.55	.44013	.01369	3.0344	.56650	1.9741
Stddev	.0295	.89	.00344	.00012	.0118	.00143	.0168
%RSD	.53871	.73673	.78188	.89124	.39045	.25314	.84966

#1	5.4500	121.18	.44256	.01378	3.0428	.56548	1.9860
#2	5.4917	119.92	.43770	.01361	3.0260	.56751	1.9623

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.792	.01214	.13612	6.0509	5.4646	.06395	F 11.473
Stddev	.232	.00035	.00054	.0296	.0176	.00175	.025
%RSD	.44801	2.8896	.39366	.48996	.32269	2.7305	.21572

#1	51.956	.01190	.13650	6.0718	5.4521	.06519	11.490
#2	51.628	.01239	.13574	6.0299	5.4770	.06272	11.455

Sample Name: J5859-02 Acquired: 11/8/2018 19:03:20 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-23(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21145	F 10.98	-.00923	<.00000	F<.00000
Stddev	.00018	.03	.00063	.10624	1.0092
%RSD	.08667	.2875	6.7934	3.2995	.80321

#1	.21157	11.00	-.00968	-3.2950	-126.36
#2	.21132	10.96	-.00879	-3.1448	-124.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.1	75207.	6041.2	130.57	3422.2
Stddev	7.5	36.	44.6	1.23	20.4
%RSD	.21799	.04740	.73905	.94590	.59538

#1	3456.8	75182.	6009.7	129.69	3407.8
#2	3467.5	75232.	6072.8	131.44	3436.6

Sample Name: J5859-05 Acquired: 11/8/2018 19:07:23 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-24(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03969	-.01028	1.6945	.04177	.00325	118.74	1.1256
Stddev	.00168	.00024	.0013	.00073	.00002	1.08	.0061
%RSD	4.2446	2.3598	.07547	1.7494	.61111	.91141	.54140

#1	.04088	-.01011	1.6936	.04125	.00324	117.97	1.1213
#2	.03850	-.01045	1.6954	.04228	.00327	119.50	1.1299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	.00154	93.118	.30158	.14785	.61034	304.14
Stddev	.00006	.00061	.582	.00047	.00022	.00329	4.36
%RSD	1.7111	39.243	.62471	.15548	.15194	.53890	1.4346

#1	.00358	.00197	92.707	.30125	.14801	.61267	301.06
#2	.00350	.00111	93.530	.30191	.14769	.60801	307.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9128	80.998	.32462	.00838	2.9132	.38235	2.0619
Stddev	.0648	.328	.00080	.00077	.0028	.00142	.0206
%RSD	1.3187	.40433	.24528	9.1816	.09519	.37132	.99847

#1	4.8670	80.767	.32406	.00783	2.9151	.38335	2.0474
#2	4.9586	81.230	.32519	.00892	2.9112	.38134	2.0765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.251	.00380	.09001	1.8781	5.0064	.08389	5.8451
Stddev	.103	.00052	.00695	.0013	.0473	.00196	.0422
%RSD	.48376	13.642	7.7164	.07136	.94450	2.3371	.72154

#1	21.179	.00417	.08510	1.8772	4.9729	.08251	5.8153
#2	21.324	.00343	.09492	1.8791	5.0398	.08528	5.8750

Sample Name: J5859-05 Acquired: 11/8/2018 19:07:23 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-24(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13548	9.241	-.16132	<.00000	F<.00000
Stddev	.00063	.008	.00332	.43280	.81258
%RSD	.46412	.0905	2.0572	13.220	.98336

#1	.13592	9.247	-.15897	-3.5800	-82.058
#2	.13503	9.235	-.16367	-2.9679	-83.207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.4	75858.	6039.0	133.75	3598.2
Stddev	2.4	310.	1.4	1.29	.3
%RSD	.06724	.40917	.02343	.96258	.00898

#1	3507.7	76077.	6040.0	134.66	3598.5
#2	3511.0	75638.	6038.0	132.84	3598.0

Sample Name: J5768-02 Acquired: 11/8/2018 19:11:27 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00379	-.00305	.00490	.00004	-.00067	.09390	.09624	.00000
Stddev	.00281	.00055	.00052	.00023	.00200	.00538	.00002	.00008
%RSD	74.154	17.882	10.668	602.22	299.83	5.7318	.02504	2877.5

#1	-.00578	-.00267	.00527	-.00012	-.00208	.09771	.09623	.00006
#2	-.00180	-.00344	.00453	.00020	.00075	.09010	.09626	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	19.847	-.00035	.00336	.00411	.04355	.61793	1.3616
Stddev	.00005	.018	.00036	.00009	.00019	.00518	.00096	.0012
%RSD	52.222	.09255	101.85	2.7989	4.5627	11.899	.15537	.08490

#1	.00006	19.834	-.00060	.00343	.00424	.04721	.61725	1.3624
#2	.00012	19.860	-.00010	.00330	.00398	.03989	.61861	1.3608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	.00060	326.69	.00037	.02240	1.1046	-.00024	.01643
Stddev	.00030	.00023	1.33	.00011	.00028	.0070	.00012	.00682
%RSD	11.363	38.355	.40700	30.202	1.2325	.63525	51.691	41.519

#1	.00287	.00043	327.63	.00029	.02221	1.0996	-.00033	.02126
#2	.00244	.00076	325.75	.00044	.02260	1.1095	-.00015	.01161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11664	.45992	.00033	.00032	.00846	.0051	.04391	1.8638
Stddev	.00234	.00457	.00044	.00182	.00038	.0030	.00007	.0651
%RSD	2.0101	.99388	135.79	560.71	4.5489	59.44	.15051	3.4937

#1	.11830	.46315	.00064	-.00096	.00873	.0072	.04396	1.8178
#2	.11498	.45669	.00001	.00161	.00819	.0029	.04387	1.9099

Sample Name: J5768-02 Acquired: 11/8/2018 19:11:27 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4682
Stddev	.1171
%RSD	7.9782

#1	1.5510
#2	1.3854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.7	63750.	5050.1	137.81	3705.8
Stddev	8.9	15.	11.1	1.64	22.6
%RSD	.29799	.02341	.22066	1.1887	.60850

#1	2969.4	63739.	5058.0	138.97	3689.8
#2	2981.9	63761.	5042.2	136.65	3721.7

Sample Name: J5768-02DUP Acquired: 11/8/2018 19:15:36 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	-.00295	.00372	.00145	-.00141	.08685	.09560	-.00002
Stddev	.00045	.00103	.00101	.00016	.00095	.00228	.00111	.00007
%RSD	9.1628	34.824	27.308	10.917	67.270	2.6262	1.1615	301.97

#1	-.00519	-.00368	.00443	.00156	-.00209	.08847	.09639	.00003
#2	-.00455	-.00222	.00300	.00134	-.00074	.08524	.09482	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	19.692	.00007	.00323	.00387	.04228	.61612	1.3550
Stddev	.00000	.051	.00022	.00003	.00057	.00077	.00055	.0126
%RSD	.22491	.25750	302.21	.93826	14.873	1.8248	.08860	.93019

#1	.00009	19.728	-.00008	.00321	.00346	.04173	.61651	1.3461
#2	.00008	19.656	.00023	.00325	.00427	.04282	.61574	1.3639

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	.00069	326.91	.00070	.02105	1.1108	-.00027	.01136
Stddev	.00008	.00003	.94	.00035	.00033	.0032	.00018	.00883
%RSD	2.7117	4.8319	.28854	49.324	1.5545	.28574	64.953	77.760

#1	.00293	.00066	327.58	.00095	.02082	1.1085	-.00040	.01761
#2	.00305	.00071	326.24	.00046	.02128	1.1130	-.00015	.00511

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11548	.45214	.00067	.00167	.01273	.0036	.04354	1.7693
Stddev	.00196	.00878	.00012	.00124	.00162	.0016	.00033	.1489
%RSD	1.6963	1.9411	18.022	74.586	12.712	44.27	.76418	8.4145

#1	.11687	.44594	.00075	.00079	.01159	.0047	.04378	1.8746
#2	.11410	.45835	.00058	.00255	.01388	.0024	.04331	1.6641

Sample Name: J5768-02DUP Acquired: 11/8/2018 19:15:36 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4507
Stddev	.8932
%RSD	61.571

#1	.81910
#2	2.0823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.7	63766.	5068.8	140.40	3682.4
Stddev	12.8	400.	21.8	2.23	28.7
%RSD	.43262	.62729	.43056	1.5907	.77965

#1	2940.7	63483.	5084.2	141.98	3662.1
#2	2958.7	64049.	5053.3	138.82	3702.7

Sample Name: J5768-02LX5 Acquired: 11/8/2018 19:19:45 Type: Unk
Method: P4-ICP2(v2557) 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	-.00415	-.00209	.00128	.00013	-.00011	.01972	.01762	.00002
Stddev	.00037	.00018	.00063	.00131	.00102	.00845	.00025	.00007
%RSD	8.9301	8.3706	49.148	1025.6	903.72	42.857	1.4232	384.89

#1	-.00441	-.00197	.00083	-.00080	.00061	.02570	.01780	.00007
#2	-.00388	-.00222	.00172	.00105	-.00083	.01375	.01744	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	3.9394	-.00066	.00053	.00085	.00978	.12453	.28056
Stddev	.00013	.0277	.00008	.00004	.00009	.00547	.00134	.00990
%RSD	259.67	.70226	12.371	8.4955	10.939	55.955	1.0733	3.5270

#1	.00004	3.9198	-.00072	.00050	.00078	.00591	.12547	.28756
#2	-.00014	3.9589	-.00061	.00056	.00091	.01365	.12358	.27357

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00063	66.876	.00024	.00411	.32387	-.00041	.00153
Stddev	.00001	.00050	.193	.00027	.00004	.04720	.00018	.00391
%RSD	1.5251	79.372	.28836	114.06	.90723	14.573	43.987	255.02

#1	.00060	.00099	66.740	.00005	.00409	.29050	-.00028	.00430
#2	.00058	.00028	67.013	.00043	.00414	.35725	-.00054	-.00123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02203	.09494	-.00046	.00068	.00619	.0012	.00866	.87791
Stddev	.00398	.00123	.00010	.00115	.00008	.0008	.00002	.17581
%RSD	18.082	1.2974	22.052	168.88	1.3188	64.22	.27907	20.026

#1	.01922	.09581	-.00039	.00150	.00625	.0006	.00864	.75359
#2	.02485	.09407	-.00053	-.00013	.00614	.0017	.00867	1.0022

Sample Name: J5768-02LX5 Acquired: 11/8/2018 19:19:45 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .21615
 Stddev .84008
 %RSD 388.65

#1 .81018
 #2 -.37788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.7	67030.	5091.6	142.52	4033.7
Stddev	9.7	11.	6.3	.99	8.9
%RSD	.31314	.01715	.12378	.69623	.22036

#1	3099.8	67038.	5087.1	141.82	4027.4
#2	3113.6	67022.	5096.1	143.22	4040.0

Sample Name: J5768-02MS Acquired: 11/8/2018 19:23:50 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81139	1.8822	.97960	2.0176	.81016	2.0534	.31645	.19544
Stddev	.00026	.0073	.00459	.0132	.00037	.0043	.00187	.00042
%RSD	.03191	.38904	.46857	.65617	.04610	.20866	.59049	.21661

#1	.81157	1.8770	.97636	2.0269	.81042	2.0503	.31777	.19514
#2	.81120	1.8874	.98285	2.0082	.80990	2.0564	.31513	.19574

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19994	20.745	.39838	.20654	.30116	3.0147	.80641	3.4492
Stddev	.00071	.046	.00137	.00038	.00153	.0094	.00071	.0193
%RSD	.35607	.22224	.34297	.18333	.50717	.31279	.08767	.55833

#1	.19944	20.713	.39935	.20627	.30224	3.0214	.80591	3.4356
#2	.20044	20.778	.39742	.20681	.30008	3.0081	.80691	3.4628

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51153	.07010	332.14	.31127	.21812	11.778	.43234	.32365
Stddev	.00089	.00002	4.33	.00065	.00136	.047	.00070	.00927
%RSD	.17362	.02474	1.3033	.20882	.62146	.39652	.16176	2.8648

#1	.51090	.07008	335.20	.31081	.21908	11.811	.43284	.31709
#2	.51215	.07011	329.08	.31173	.21716	11.745	.43185	.33020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10304	1.4123	.72244	.21916	.23035	6.024	.25259	2.1336
Stddev	.00142	.0086	.00262	.00152	.00062	.009	.00069	.2260
%RSD	1.3818	.60861	.36282	.69315	.27111	.1409	.27347	10.594

#1	.10203	1.4063	.72058	.22023	.23079	6.018	.25307	2.2934
#2	.10405	1.4184	.72429	.21809	.22991	6.030	.25210	1.9737

Sample Name: J5768-02MS Acquired: 11/8/2018 19:23:50 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.10677
%RSD	94.782

#1	-.03715
#2	-.18815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.2	63177.	4876.6	136.51	3670.0
Stddev	11.8	257.	6.9	.95	6.1
%RSD	.40112	.40741	.14184	.69310	.16675

#1	2932.8	62995.	4871.7	135.84	3674.3
#2	2949.5	63359.	4881.4	137.18	3665.6

Sample Name: J5768-02MSD Acquired: 11/8/2018 19:27:45 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81025	1.8849	.98323	2.0135	.80631	2.0521	.31137	.19581
Stddev	.00163	.0035	.00194	.0087	.00183	.0046	.00055	.00001
%RSD	.20127	.18477	.19761	.43317	.22703	.22284	.17765	.00263

#1	.81140	1.8873	.98186	2.0197	.80760	2.0488	.31097	.19581
#2	.80909	1.8824	.98460	2.0073	.80501	2.0553	.31176	.19580

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20012	20.662	.39924	.20670	.30064	3.0436	.80935	3.4082
Stddev	.00005	.114	.00147	.00053	.00026	.0975	.00067	.0163
%RSD	.02715	.54997	.36834	.25519	.08529	3.2033	.08338	.47794

#1	.20016	20.581	.39820	.20707	.30046	3.1125	.80888	3.4197
#2	.20008	20.742	.40028	.20632	.30083	2.9746	.80983	3.3967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51331	.06931	325.62	.31244	.21994	11.637	.43103	.31731
Stddev	.00079	.00074	.85	.00009	.00662	.000	.00079	.00378
%RSD	.15436	1.0615	.26199	.03016	3.0102	.00158	.18222	1.1925

#1	.51275	.06879	326.22	.31238	.22462	11.637	.43048	.31464
#2	.51387	.06983	325.01	.31251	.21526	11.637	.43159	.31999

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09813	1.3903	.72705	.21823	.23022	6.038	.25010	2.0034
Stddev	.00127	.0148	.00302	.00227	.00089	.017	.00094	.0340
%RSD	1.2958	1.0651	.41499	1.0403	.38623	.2850	.37485	1.6980

#1	.09723	1.3798	.72918	.21983	.22960	6.050	.24943	2.0274
#2	.09903	1.4007	.72491	.21662	.23085	6.026	.25076	1.9793

Sample Name: J5768-02MSD Acquired: 11/8/2018 19:27:45 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.2736
%RSD	3002.7

#1	.85817
#2	-.94300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.4	63329.	4941.0	135.90	3676.7
Stddev	2.1	114.	5.6	3.99	5.6
%RSD	.07155	.17957	.11238	2.9392	.15269

#1	2955.9	63248.	4937.1	133.07	3672.7
#2	2958.9	63409.	4944.9	138.72	3680.6

Sample Name: J5768-02A Acquired: 11/8/2018 19:31:40 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7668 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81356	1.9024	.98335	2.0165	.81393	2.0741	.30930	.19615
Stddev	.00366	.0025	.00184	.0003	.00032	.0131	.00452	.00095
%RSD	.44942	.13103	.18689	.01216	.03955	.63070	1.4623	.48259

#1	.81098	1.9041	.98205	2.0163	.81416	2.0833	.30611	.19682
#2	.81615	1.9006	.98465	2.0166	.81370	2.0648	.31250	.19548

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20116	20.482	.39977	.20799	.30196	3.0201	.80906	3.3534
Stddev	.00043	.327	.00056	.00105	.00099	.0713	.00078	.0607
%RSD	.21380	1.5980	.14113	.50266	.32684	2.3606	.09614	1.8104

#1	.20086	20.251	.39937	.20726	.30265	2.9697	.80961	3.3105
#2	.20147	20.714	.40017	.20873	.30126	3.0705	.80851	3.3964

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51609	.06917	323.33	.31128	.21618	11.599	.43238	.32280
Stddev	.00025	.00102	6.19	.00174	.00358	.118	.00022	.00589
%RSD	.04874	1.4771	1.9143	.55747	1.6559	1.0155	.05021	1.8257

#1	.51591	.06990	318.95	.31251	.21364	11.516	.43223	.32697
#2	.51626	.06845	327.71	.31005	.21871	11.682	.43254	.31863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09993	1.3630	.73029	.21757	.22690	6.077	.24718	2.1301
Stddev	.00058	.0250	.00066	.00448	.00313	.000	.00373	.0501
%RSD	.58411	1.8344	.09028	2.0584	1.3799	.0029	1.5105	2.3509

#1	.09952	1.3453	.72983	.21441	.22468	6.077	.24454	2.1655
#2	.10034	1.3807	.73076	.22074	.22911	6.077	.24982	2.0946

Sample Name: J5768-02A Acquired: 11/8/2018 19:31:40 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7668 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34765
%RSD 779.33

#1 -.29043
#2 .20122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.0	63299.	5010.3	138.31	3675.1
Stddev	10.0	120.	72.1	1.94	8.5
%RSD	.33650	.18936	1.4393	1.4050	.23185

#1	2952.0	63214.	5061.3	139.69	3669.1
#2	2966.0	63384.	4959.3	136.94	3681.1

Sample Name: J5768-04 Acquired: 11/8/2018 19:35:35 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00255	.00294	.00037	-.00128	.09474	.07688	-.00001
Stddev	.00031	.00009	.00080	.00265	.00078	.00684	.00165	.00002
%RSD	17.233	3.4554	27.064	722.88	61.146	7.2189	2.1450	290.10

#1	-.00157	-.00249	.00350	-.00151	-.00183	.09958	.07804	-.00002
#2	-.00201	-.00262	.00238	.00224	-.00073	.08990	.07571	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	9.7423	.00033	.00266	.00204	.08801	.40985	.84967
Stddev	.00002	.0095	.00022	.00009	.00012	.00702	.00049	.01085
%RSD	26.838	.09760	67.835	3.5251	5.7638	7.9726	.11956	1.2765

#1	.00010	9.7355	.00049	.00260	.00195	.09297	.41020	.84200
#2	.00007	9.7490	.00017	.00273	.00212	.08304	.40951	.85734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00005	290.50	.00022	.01926	.83642	-.00019	.01046
Stddev	.00064	.00004	1.54	.00032	.00005	.01289	.00014	.00868
%RSD	25.500	73.639	.52873	143.62	.24408	1.5409	74.251	83.010

#1	.00206	-.00003	289.42	.00045	.01930	.84553	-.00009	.01660
#2	.00297	-.00008	291.59	-.00000	.01923	.82730	-.00029	.00432

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07728	.36533	.00061	.00229	.01465	.0019	.02704	2.1721
Stddev	.00099	.00455	.00109	.00004	.00013	.0008	.00001	.0295
%RSD	1.2781	1.2453	180.13	1.5664	.89639	43.20	.02366	1.3600

#1	.07798	.36854	.00138	.00227	.01455	.0025	.02705	2.1512
#2	.07659	.36211	-.00017	.00232	.01474	.0014	.02704	2.1930

Sample Name: J5768-04 Acquired: 11/8/2018 19:35:35 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-111718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8105
 Stddev .3210
 %RSD 17.732

#1 1.5835
 #2 2.0375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.9	63409.	5020.2	135.88	3755.4
Stddev	4.7	28.	22.4	.66	27.4
%RSD	.15746	.04440	.44624	.48569	.73001

#1	2969.5	63429.	5004.4	135.42	3736.0
#2	2976.2	63390.	5036.1	136.35	3774.8

Sample Name: CCV08 Acquired: 11/8/2018 19:39:44 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14152 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1458	5.0884	5.1453	5.0879	5.0983	9.8642	10.744	.25283
Stddev	.0083	.0027	.0117	.0251	.0046	.0139	.018	.00040
%RSD	.16191	.05330	.22708	.49358	.08970	.14079	.17058	.15930
#1	5.1517	5.0904	5.1371	5.1057	5.1015	9.8740	10.731	.25254
#2	5.1399	5.0865	5.1536	5.0702	5.0950	9.8544	10.757	.25311
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5587	25.877	1.0012	2.5757	1.2701	5.0961	2.5532	26.506
Stddev	.0002	.167	.0060	.0003	.0002	.0189	.0002	.138
%RSD	.00721	.64343	.59904	.01069	.01413	.37075	.00913	.52038
#1	2.5586	25.760	1.0055	2.5759	1.2699	5.0828	2.5533	26.603
#2	2.5589	25.995	.99700	2.5755	1.2702	5.1095	2.5530	26.408
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5905	1.2623	26.160	2.5580	2.6537	26.776	5.1770	5.2609
Stddev	.0004	.0040	.027	.0015	.0248	.040	.0097	.0105
%RSD	.01603	.31336	.10307	.06026	.93466	.15083	.18789	.19922
#1	2.5902	1.2651	26.141	2.5590	2.6361	26.747	5.1838	5.2534
#2	2.5908	1.2595	26.179	2.5569	2.6712	26.805	5.1701	5.2683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0581	5.2947	5.1266	5.2080	5.2758	5.078	5.1773	F 1.9030
Stddev	.0025	.0213	.0011	.0050	.0148	.008	.0838	.1066
%RSD	.04875	.40289	.02112	.09572	.27982	.1511	1.6177	5.5998
#1	5.0563	5.2796	5.1259	5.2045	5.2654	5.073	5.1181	1.9784
#2	5.0598	5.3098	5.1274	5.2115	5.2863	5.084	5.2366	1.8277

Sample Name: CCV08 Acquired: 11/8/2018 19:39:44 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14152 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8604
Stddev .4704
%RSD 16.446

#1 2.5278
#2 3.1931

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.3	65562.	5041.5	135.62	3797.9
Stddev	13.1	33.	27.3	.91	9.3
%RSD	.42889	.05077	.54113	.66831	.24559

#1	3051.0	65539.	5060.8	136.26	3791.3
#2	3069.6	65586.	5022.2	134.98	3804.5

Sample Name: CCB08 Acquired: 11/8/2018 19:43:33 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14152 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00020	-.00007	-.00041	-.00017	-.00236	-.00145	-.00010
Stddev	.00057	.00032	.00086	.00121	.00044	.00133	.00014	.00006
%RSD	1618.3	157.27	1262.2	296.05	258.91	56.163	9.3968	56.926
#1	.00037	-.00002	-.00068	-.00126	.00014	-.00142	-.00155	-.00014
#2	-.00044	.00042	.00054	.00045	-.00048	-.00330	-.00136	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00066	-.00043	-.00005	-.00023	-.00304	-.00008	.00629
Stddev	.00001	.00325	.00007	.00024	.00062	.00182	.00009	.01255
%RSD	214.37	494.89	15.952	446.33	273.52	59.669	112.83	199.64
#1	-.00000	-.00296	-.00038	-.00022	.00021	-.00176	-.00014	.01517
#2	.00002	.00164	-.00048	.00012	-.00066	-.00433	-.00002	-.00259
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00009	.13618	.00007	-.00168	.11904	.00018	.00757
Stddev	.00055	.00006	.00845	.00017	.00000	.03659	.00005	.00319
%RSD	87.350	64.082	6.2014	224.81	.21711	30.737	29.584	42.182
#1	.00102	.00005	.13021	-.00004	-.00167	.14492	.00022	.00531
#2	.00024	.00013	.14216	.00019	-.00168	.09317	.00014	.00983
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00049	-.00065	-.00013	.00343	.0007	.00012	F .34677
Stddev	.00100	.00210	.00047	.00105	.00030	.0017	.00004	.14000
%RSD	130.66	428.63	72.137	793.76	8.6405	260.1	34.723	40.373
#1	-.00147	.00198	-.00098	.00061	.00364	.0019	.00015	.44577
#2	-.00006	-.00100	-.00032	-.00087	.00322	-.0006	.00009	.24778

Sample Name: CCB08 Acquired: 11/8/2018 19:43:33 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14152 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .02107
Stddev .60670
%RSD 2879.1

#1 -.40793
#2 .45007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.4	69113.	5175.9	145.29	4377.2
Stddev	31.0	102.	1.4	1.14	56.5
%RSD	.97040	.14700	.02794	.78277	1.2916

#1	3216.3	69185.	5174.9	146.09	4417.1
#2	3172.5	69041.	5176.9	144.48	4337.2

Sample Name: J5838-10 Acquired: 11/8/2018 19:47:37 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-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	-.00238	-.00367	.00452	.00265	-.00175	1.0686	.09484	-.00010
Stddev	.00121	.00083	.00100	.00062	.00151	.0106	.00136	.00007
%RSD	50.692	22.703	22.165	23.254	86.611	.99234	1.4298	75.617

#1	-.00153	-.00425	.00381	.00221	-.00281	1.0761	.09580	-.00005
#2	-.00324	-.00308	.00522	.00308	-.00068	1.0611	.09388	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	54.441	.00149	.00145	.00187	.93162	.32850	20.121
Stddev	.00000	.167	.00058	.00002	.00016	.00208	.00026	.034
%RSD	2.1490	.30744	38.838	1.3468	8.7536	.22369	.07846	.16834

#1	.00005	54.559	.00108	.00147	.00198	.93309	.32832	20.097
#2	.00005	54.322	.00190	.00144	.00175	.93015	.32868	20.145

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00028	343.04	.00228	.25621	.83299	-.00010	.01470
Stddev	.00019	.00046	.67	.00025	.00003	.03219	.00004	.00876
%RSD	5.4807	163.32	.19613	10.936	.01111	3.8645	44.318	59.616

#1	.00364	.00061	343.51	.00210	.25623	.81023	-.00013	.00850
#2	.00336	-.00004	342.56	.00245	.25619	.85575	-.00007	.02090

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41211	2.4232	.00000	.02764	.01508	.0125	.04782	2.3455
Stddev	.00088	.0025	.00018	.00068	.00341	.0006	.00002	.0805
%RSD	.21341	.10252	3732.7	2.4718	22.625	4.824	.03447	3.4305

#1	.41273	2.4214	.00013	.02812	.01267	.0129	.04783	2.4024
#2	.41148	2.4249	-.00012	.02715	.01750	.0121	.04781	2.2887

Sample Name: J5838-10 Acquired: 11/8/2018 19:47:37 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9248
 Stddev .2099
 %RSD 10.903

#1 2.0732
 #2 1.7764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.4	62358.	4937.5	135.34	3647.6
Stddev	21.6	224.	44.6	.78	22.6
%RSD	.74179	.35943	.90368	.57419	.61823

#1	2901.1	62200.	4905.9	134.79	3631.7
#2	2931.7	62517.	4969.0	135.88	3663.5

Sample Name: J5838-20 Acquired: 11/8/2018 19:51:44 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-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	-.00450	-.00340	.00334	.00336	-.00249	.28120	.09174	-.00005
Stddev	.00272	.00017	.00162	.00136	.00039	.01199	.00123	.00001
%RSD	60.340	4.9067	48.446	40.345	15.784	4.2640	1.3382	16.179

#1	-.00643	-.00328	.00220	.00240	-.00221	.27272	.09260	-.00006
#2	-.00258	-.00351	.00449	.00432	-.00277	.28968	.09087	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	53.343	-.00008	.00164	.00498	.18229	.27118	20.899
Stddev	.00010	.107	.00003	.00037	.00045	.00831	.00022	.119
%RSD	180.12	.20031	38.456	22.553	9.0105	4.5581	.08006	.56834

#1	-.00002	53.268	-.00006	.00138	.00466	.17641	.27133	20.983
#2	.00013	53.419	-.00010	.00190	.00530	.18816	.27103	20.815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	-.00027	374.67	.00033	.26172	.76385	-.00021	.01778
Stddev	.00007	.00093	3.57	.00002	.00664	.02554	.00004	.00466
%RSD	1.8434	344.31	.95212	5.1165	2.5364	3.3436	18.402	26.215

#1	.00370	-.00093	377.19	.00034	.25702	.78191	-.00018	.02107
#2	.00361	.00039	372.15	.00032	.26641	.74579	-.00023	.01448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40407	1.0047	.00147	.00713	.01882	.0037	.04715	2.0595
Stddev	.00075	.0001	.00020	.00137	.00136	.0002	.00036	.2439
%RSD	.18640	.01244	13.828	19.212	7.2150	5.791	.76185	11.843

#1	.40354	1.0048	.00132	.00616	.01786	.0038	.04741	2.2319
#2	.40460	1.0046	.00161	.00809	.01978	.0035	.04690	1.8870

Sample Name: J5838-20 Acquired: 11/8/2018 19:51:44 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0982
Stddev .1205
%RSD 5.7433

#1 2.1834
#2 2.0130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.1	62844.	4969.1	136.82	3654.4
Stddev	15.1	498.	35.3	3.30	16.2
%RSD	.51535	.79175	.71069	2.4100	.44274

#1	2924.4	62492.	4944.1	139.15	3642.9
#2	2945.8	63196.	4994.1	134.49	3665.8

Sample Name: J5858-04 Acquired: 11/8/2018 19:55:52 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00388	-.00401	.00342	.00529	-.00037	.09913	.15488	.00008
Stddev	.00046	.00126	.00023	.00063	.00115	.00083	.00087	.00001
%RSD	11.887	31.456	6.5791	11.858	310.45	.83653	.55978	17.443

#1	-.00355	-.00490	.00358	.00485	-.00118	.09971	.15427	.00009
#2	-.00421	-.00311	.00326	.00574	.00044	.09854	.15549	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	5.0110	-.00007	.00353	.00913	.18656	1.5847	.47179
Stddev	.00000	.0044	.00050	.00025	.00041	.01549	.0023	.00489
%RSD	10.132	.08695	738.28	6.9517	4.5310	8.3016	.14299	1.0368

#1	.00001	5.0079	.00029	.00371	.00884	.19751	1.5863	.46833
#2	.00001	5.0140	-.00042	.00336	.00942	.17561	1.5831	.47525

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	.00084	327.87	.00021	.01799	.66719	-.00041	.01294
Stddev	.00009	.00090	1.79	.00028	.00034	.04081	.00018	.00536
%RSD	3.9225	107.18	.54629	132.10	1.9103	6.1169	43.496	41.430

#1	.00231	.00147	329.13	.00001	.01824	.69605	-.00029	.01672
#2	.00245	.00020	326.60	.00041	.01775	.63833	-.00054	.00915

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08385	.23989	.00071	.00107	.01429	.0041	.03661	2.1097
Stddev	.00198	.00038	.00013	.00226	.00077	.0014	.00008	.1753
%RSD	2.3657	.16025	18.300	210.76	5.4036	33.46	.22377	8.3085

#1	.08525	.23962	.00062	-.00053	.01483	.0032	.03656	2.2337
#2	.08245	.24016	.00080	.00267	.01374	.0051	.03667	1.9858

Sample Name: J5858-04 Acquired: 11/8/2018 19:55:52 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .65063
 Stddev .74331
 %RSD 114.24

#1 .12504
 #2 1.1762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.6	63627.	5077.5	138.36	3739.4
Stddev	6.9	318.	38.4	2.79	5.2
%RSD	.23154	.49919	.75708	2.0144	.13859

#1	2974.7	63402.	5050.3	136.39	3743.1
#2	2984.5	63851.	5104.7	140.33	3735.8

Sample Name: J5858-08 Acquired: 11/8/2018 20:00:02 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00247	-.00424	.00113	.00144	-.00046	.10948	.11765	-.00004
Stddev	.00030	.00069	.00010	.00617	.00028	.00267	.00047	.00000
%RSD	12.165	16.186	8.5923	429.18	61.201	2.4417	.40043	3.3166

#1	-.00226	-.00472	.00119	-.00293	-.00026	.11137	.11732	-.00004
#2	-.00268	-.00375	.00106	.00580	-.00065	.10759	.11799	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	2.9994	.00017	.00147	.00959	.33340	.53623	.39102
Stddev	.00003	.0444	.00007	.00010	.00040	.00627	.00063	.01394
%RSD	386.95	1.4813	37.707	6.9398	4.1310	1.8794	.11836	3.5647

#1	.00003	2.9680	.00013	.00139	.00987	.32897	.53578	.38116
#2	-.00001	3.0308	.00022	.00154	.00931	.33783	.53668	.40087

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	.00005	352.83	.00017	.01402	.55182	-.00029	.00388
Stddev	.00022	.00033	1.50	.00003	.00038	.02040	.00036	.00245
%RSD	9.1561	713.38	.42547	17.405	2.7405	3.6967	124.00	63.249

#1	.00253	-.00019	353.89	.00015	.01375	.53740	-.00055	.00214
#2	.00223	.00028	351.76	.00020	.01429	.56625	-.00004	.00561

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06873	.17685	.00076	.00197	.01603	.0036	.01801	2.0048
Stddev	.00046	.00191	.00056	.00083	.00232	.0002	.00001	.0239
%RSD	.66598	1.0807	74.328	42.381	14.448	5.045	.03930	1.1942

#1	.06841	.17550	.00116	.00138	.01439	.0038	.01801	1.9878
#2	.06905	.17820	.00036	.00256	.01767	.0035	.01800	2.0217

Sample Name: J5858-08 Acquired: 11/8/2018 20:00:02 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2722
 Stddev .1940
 %RSD 15.248

#1 1.1350
 #2 1.4093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.5	63415.	5041.6	138.71	3727.6
Stddev	15.0	186.	16.6	2.59	14.3
%RSD	.50404	.29325	.32985	1.8692	.38366

#1	2966.9	63284.	5053.3	140.54	3717.4
#2	2988.2	63547.	5029.8	136.88	3737.7

Sample Name: J5858-12 Acquired: 11/8/2018 20:04:13 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	-.00547	.00909	.00191	-.00143	.07252	.18935	-.00007
Stddev	.00244	.00025	.00065	.00142	.00048	.00776	.00178	.00006
%RSD	52.991	4.6170	7.1502	74.542	33.635	10.700	.94113	86.690

#1	-.00288	-.00529	.00955	.00292	-.00177	.06703	.18809	-.00011
#2	-.00633	-.00565	.00863	.00090	-.00109	.07801	.19061	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	89.635	-.00112	.00201	.00209	-.01553	1.4254	2.5863
Stddev	.00004	1.045	.00036	.00002	.00028	.00557	.0009	.0419
%RSD	114.25	1.1662	32.277	1.1458	13.251	35.873	.06628	1.6200

#1	.00006	88.896	-.00086	.00200	.00189	-.01159	1.4247	2.6159
#2	.00001	90.374	-.00137	.00203	.00229	-.01947	1.4261	2.5566

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.00049	341.77	.00051	.02628	1.3460	-.00016	.03791
Stddev	.00008	.00043	3.03	.00022	.00081	.0103	.00004	.00208
%RSD	2.0288	86.606	.88679	43.163	3.0865	.76225	21.657	5.4745

#1	.00394	.00079	339.63	.00067	.02571	1.3532	-.00019	.03938
#2	.00405	.00019	343.91	.00036	.02685	1.3387	-.00014	.03644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1825	5.9434	-.00085	-.00305	.01838	.0024	.34390	2.3996
Stddev	.0098	.0691	.00095	.00054	.00062	.0013	.00313	.1260
%RSD	.44830	1.1622	111.17	17.845	3.3790	53.27	.91024	5.2489

#1	2.1894	5.8946	-.00018	-.00267	.01882	.0033	.34169	2.4886
#2	2.1756	5.9923	-.00152	-.00344	.01794	.0015	.34611	2.3105

Sample Name: J5858-12 Acquired: 11/8/2018 20:04:13 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9166
 Stddev .2453
 %RSD 12.797

#1 1.7431
 #2 2.0900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.7	61935.	4923.4	135.40	3650.3
Stddev	12.6	261.	24.9	2.91	19.9
%RSD	.43454	.42133	.50568	2.1508	.54551

#1	2891.8	61751.	4941.0	137.46	3636.3
#2	2909.7	62120.	4905.8	133.34	3664.4

Sample Name: J5859-03 Acquired: 11/8/2018 20:08:22 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-23(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00439	-.00504	.00704	.00449	-.00084	.03046	.28961	-.00009
Stddev	.00170	.00021	.00025	.00005	.00051	.00019	.00327	.00002
%RSD	38.739	4.2027	3.5882	1.1093	60.158	.62085	1.1308	18.751

#1	-.00319	-.00489	.00722	.00446	-.00048	.03060	.29193	-.00008
#2	-.00560	-.00519	.00686	.00453	-.00120	.03033	.28729	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	84.701	-.00029	.01185	.00668	-.00509	1.0838	9.5210
Stddev	.00010	.205	.00027	.00031	.00035	.00630	.0063	.0231
%RSD	14.508	.24158	91.894	2.6446	5.2078	123.62	.58338	.24221

#1	.00061	84.846	-.00010	.01207	.00693	-.00064	1.0883	9.5374
#2	.00075	84.556	-.00048	.01163	.00643	-.00954	1.0793	9.5047

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01717	.00041	338.27	.00051	.13591	3.8949	.00005	.03967
Stddev	.00002	.00045	1.11	.00024	.00156	.0091	.00003	.00227
%RSD	.12317	109.05	.32722	47.035	1.1511	.23409	54.240	5.7197

#1	.01715	.00009	339.05	.00068	.13702	3.9013	.00003	.03807
#2	.01718	.00073	337.49	.00034	.13481	3.8884	.00007	.04128

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76869	1.3609	.00074	-.00060	.01924	.0029	.20691	2.4784
Stddev	.00967	.0038	.00012	.00030	.00132	.0005	.00070	.2570
%RSD	1.2584	.27743	16.114	50.062	6.8566	16.38	.33995	10.368

#1	.77553	1.3636	.00066	-.00081	.01831	.0025	.20741	2.6601
#2	.76185	1.3583	.00083	-.00039	.02017	.0032	.20641	2.2967

Sample Name: J5859-03 Acquired: 11/8/2018 20:08:22 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-23(0-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0185
 Stddev .9618
 %RSD 47.648

#1 1.3384
 #2 2.6986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.5	61870.	4926.8	133.71	3597.3
Stddev	7.0	539.	20.7	1.34	12.9
%RSD	.24388	.87100	.42061	1.0036	.35799

#1	2868.6	61489.	4912.1	132.77	3588.2
#2	2878.5	62251.	4941.4	134.66	3606.5

Sample Name: J5859-06 Acquired: 11/8/2018 20:12:31 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-24(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	-.00493	.01272	.00345	-.00167	.03755	.37492	-.00003
Stddev	.00105	.00107	.00043	.00162	.00027	.00484	.00087	.00001
%RSD	32.738	21.815	3.3599	46.828	15.991	12.880	.23333	35.320

#1	-.00394	-.00569	.01303	.00459	-.00186	.03413	.37553	-.00002
#2	-.00246	-.00417	.01242	.00231	-.00148	.04097	.37430	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	45.135	-.00012	.00099	.00857	.00567	.28033	13.609
Stddev	.00002	.487	.00037	.00017	.00111	.00778	.00678	.017
%RSD	3.4048	1.0787	296.54	17.529	12.986	137.24	2.4181	.12620

#1	.00051	45.479	-.00038	.00111	.00936	.00017	.28512	13.597
#2	.00054	44.791	.00014	.00086	.00779	.01117	.27554	13.621

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00029	374.98	.00049	.14101	1.5774	-.00025	.04983
Stddev	.00016	.00037	3.74	.00054	.00038	.0108	.00013	.00064
%RSD	7.8205	129.95	.99793	109.44	.26738	.68183	51.259	1.2931

#1	.00220	.00055	377.62	.00087	.14075	1.5850	-.00034	.04938
#2	.00197	.00002	372.33	.00011	.14128	1.5698	-.00016	.05029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36169	.84304	-.00007	-.00074	.01821	.0242	.10124	2.5290
Stddev	.00014	.02031	.00018	.00110	.00065	.0008	.00026	.4770
%RSD	.03949	2.4090	259.59	149.14	3.5933	3.137	.25647	18.861

#1	.36159	.85740	.00006	.00004	.01774	.0236	.10143	2.8663
#2	.36179	.82868	-.00020	-.00152	.01867	.0247	.10106	2.1917

Sample Name: J5859-06 Acquired: 11/8/2018 20:12:31 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-24(0-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3927
 Stddev .1877
 %RSD 7.8454

#1 2.5255
 #2 2.2600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.0	61059.	4928.9	134.94	3613.2
Stddev	19.8	1451.	64.7	.40	7.8
%RSD	.68267	2.3758	1.3124	.29665	.21478

#1	2880.0	60034.	4883.2	134.66	3607.7
#2	2908.0	62085.	4974.7	135.22	3618.6

Sample Name: J5844-02 Acquired: 11/8/2018 20:16:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-A-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	-.00013	-.00157	.00009	-.00016	-.00066	.00688	.17775	-.00007
Stddev	.00151	.00296	.00058	.00269	.00106	.00525	.00018	.00000
%RSD	1164.0	188.23	661.88	1687.1	160.90	76.327	.10362	2.0760

#1	.00094	-.00366	.00050	-.00206	-.00140	.01060	.17762	-.00007
#2	-.00120	.00052	-.00032	.00174	.00009	.00317	.17788	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	27.501	-.00110	-.00020	-.00046	.01391	.09657	3.2740
Stddev	.00002	.045	.00028	.00015	.00015	.01036	.00037	.0238
%RSD	114.67	.16512	25.739	76.614	33.332	74.475	.38450	.72731

#1	-.00000	27.469	-.00090	-.00009	-.00035	.00658	.09683	3.2572
#2	-.00003	27.533	-.00130	-.00030	-.00057	.02123	.09631	3.2908

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00045	27.663	.00060	.02577	4.4740	-.00032	.09792
Stddev	.00015	.00061	.207	.00036	.00017	.0173	.00029	.00334
%RSD	40.095	133.81	.74790	59.182	.66651	.38624	90.389	3.4076

#1	-.00026	.00088	27.810	.00085	.02589	4.4618	-.00011	.09556
#2	-.00047	.00002	27.517	.00035	.02565	4.4862	-.00052	.10028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68655	2.5429	-.00062	-.00128	.03639	.0025	.17859	.82019
Stddev	.00370	.0316	.00040	.00092	.00039	.0011	.00005	.12022
%RSD	.53867	1.2433	64.013	71.817	1.0720	43.26	.02819	14.658

#1	.68916	2.5652	-.00034	-.00192	.03667	.0032	.17856	.73518
#2	.68393	2.5205	-.00090	-.00063	.03612	.0017	.17863	.90520

Sample Name: J5844-02 Acquired: 11/8/2018 20:16:39 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-A-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .46940
 Stddev .05707
 %RSD 12.159

#1 .42904
 #2 .50975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.0	66612.	5131.8	145.88	4130.2
Stddev	1.8	70.	29.5	1.47	5.0
%RSD	.05861	.10514	.57518	1.0046	.12148

#1	3107.7	66562.	5110.9	144.84	4126.7
#2	3110.3	66661.	5152.7	146.91	4133.8

Sample Name: J5844-02DUP Acquired: 11/8/2018 20:20:42 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-A-BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	-.00139	-.00030	-.00048	-.00246	.00448	.17941	-.00001
Stddev	.00118	.00090	.00039	.00019	.00071	.00333	.00042	.00003
%RSD	57.974	64.538	130.76	39.734	29.030	74.304	.23166	356.43

#1	-.00286	-.00202	-.00058	-.00061	-.00296	.00683	.17971	-.00003
#2	-.00120	-.00075	-.00002	-.00034	-.00195	.00212	.17912	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.388	-.00063	-.00001	-.00030	.00751	.09644	3.2782
Stddev	.00005	.027	.00004	.00003	.00048	.00926	.00017	.0168
%RSD	61.181	.09932	6.9906	201.76	157.91	123.44	.17776	.51170

#1	-.00011	27.407	-.00066	.00001	.00004	.01406	.09632	3.2900
#2	-.00004	27.369	-.00060	-.00003	-.00064	.00095	.09656	3.2663

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00062	27.991	.00069	.02639	4.5113	-.00039	.10424
Stddev	.00029	.00051	.053	.00007	.00014	.0101	.00016	.00564
%RSD	199.45	81.405	.18910	10.412	.51871	.22287	41.511	5.4077

#1	.00035	.00098	28.028	.00074	.02649	4.5184	-.00027	.10025
#2	-.00006	.00026	27.954	.00064	.02630	4.5041	-.00050	.10823

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68555	2.5887	-.00094	.00082	.03369	.0026	.17725	.80275
Stddev	.00131	.0137	.00048	.00046	.00011	.0005	.00041	.31620
%RSD	.19078	.52900	51.255	55.856	.32009	18.50	.23411	39.390

#1	.68648	2.5984	-.00127	.00114	.03377	.0029	.17755	1.0263
#2	.68463	2.5790	-.00060	.00050	.03362	.0023	.17696	.57916

Sample Name: J5844-02DUP Acquired: 11/8/2018 20:20:42 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-A-BDUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.74169
Stddev	.21492
%RSD	28.977

#1	.58972
#2	.89366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.9	66486.	5034.4	141.42	4117.7
Stddev	2.1	222.	19.8	.58	.6
%RSD	.06690	.33323	.39283	.40857	.01561

#1	3086.5	66330.	5020.4	141.01	4118.2
#2	3089.4	66643.	5048.4	141.83	4117.3

Sample Name: J5844-02LX5 Acquired: 11/8/2018 20:24:44 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00122	.00000	-.00207	-.00277	.00547	.03560	-.00006
Stddev	.00019	.00133	.00028	.00164	.00115	.00938	.00026	.00007
%RSD	18.182	108.71	5732.8	79.293	41.380	171.47	.73409	131.87

#1	-.00089	-.00028	-.00020	-.00091	-.00196	.01211	.03578	-.00011
#2	-.00116	-.00216	.00021	-.00323	-.00358	-.00116	.03541	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	5.5191	-.00041	-.00005	-.00048	.00328	.01928	.67886
Stddev	.00002	.0038	.00005	.00016	.00040	.00139	.00025	.01501
%RSD	42.479	.06861	13.018	317.12	83.798	42.258	1.2954	2.2104

#1	-.00007	5.5164	-.00044	-.00016	-.00076	.00230	.01910	.66825
#2	-.00004	5.5217	-.00037	.00006	-.00019	.00426	.01945	.68947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00074	5.8184	.00032	.00493	.94705	-.00058	.02150
Stddev	.00003	.00008	.0605	.00036	.00008	.03539	.00008	.00019
%RSD	5.3842	11.143	1.0404	112.69	1.5806	3.7369	14.115	.87702

#1	.00056	.00079	5.8613	.00058	.00499	.97207	-.00053	.02164
#2	.00052	.00068	5.7756	.00007	.00488	.92203	-.00064	.02137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13286	.50969	-.00135	.00047	.00826	.0007	.03598	.27662
Stddev	.00023	.00440	.00041	.00038	.00062	.0005	.00015	.19581
%RSD	.16942	.86384	30.008	81.391	7.5017	72.85	.41340	70.788

#1	.13302	.50657	-.00107	.00074	.00870	.0011	.03588	.41508
#2	.13270	.51280	-.00164	.00020	.00782	.0003	.03609	.13816

Sample Name: J5844-02LX5 Acquired: 11/8/2018 20:24:44 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .38427
Stddev .08113
%RSD 21.113

#1 .32690
#2 .44164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.9	67931.	5089.7	145.21	4316.8
Stddev	14.7	167.	40.7	2.00	11.9
%RSD	.46506	.24624	.79903	1.3747	.27504

#1	3156.5	67813.	5061.0	143.80	4308.4
#2	3177.3	68049.	5118.5	146.62	4325.2

Sample Name: CCV09 Acquired: 11/8/2018 20:28:48 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14153 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1626	5.1632	5.1684	5.1339	5.1625	9.9122	10.706	.25549
Stddev	.0131	.0043	.0085	.0209	.0066	.0437	.007	.00044
%RSD	.25383	.08249	.16362	.40617	.12839	.44056	.06081	.17148
#1	5.1719	5.1602	5.1744	5.1487	5.1672	9.8813	10.711	.25579
#2	5.1534	5.1662	5.1624	5.1192	5.1579	9.9431	10.701	.25518
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5831	25.859	1.0206	2.5874	1.2954	5.1865	2.5884	26.252
Stddev	.0036	.072	.0017	.0043	.0037	.0089	.0006	.077
%RSD	.13753	.28035	.16376	.16762	.28372	.17191	.02237	.29157
#1	2.5856	25.910	1.0194	2.5904	1.2980	5.1928	2.5888	26.306
#2	2.5806	25.808	1.0218	2.5843	1.2928	5.1802	2.5880	26.197
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5956	1.2720	26.254	2.5818	2.6637	26.499	5.2230	5.2476
Stddev	.0029	.0024	.012	.0036	.0114	.088	.0071	.0234
%RSD	.11168	.18753	.04706	.13793	.42748	.33326	.13542	.44552
#1	2.5976	1.2703	26.245	2.5843	2.6717	26.436	5.2280	5.2311
#2	2.5935	1.2737	26.262	2.5792	2.6556	26.561	5.2180	5.2642
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0608	5.3090	5.1653	5.2206	5.2592	5.153	5.2323	F 2.0040
Stddev	.0137	.0299	.0027	.0232	.0087	.003	.0353	.0526
%RSD	.27039	.56359	.05332	.44407	.16581	.0493	.67399	2.6232
#1	5.0705	5.3301	5.1673	5.2042	5.2654	5.151	5.2572	2.0412
#2	5.0511	5.2878	5.1634	5.2370	5.2530	5.155	5.2074	1.9668

Sample Name: CCV09 Acquired: 11/8/2018 20:28:48 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14153 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0272
Stddev	.5971
%RSD	19.726

#1	3.4494
#2	2.6049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.7	64442.	4999.1	132.89	3746.7
Stddev	9.8	63.	30.9	.68	11.3
%RSD	.32758	.09742	.61790	.51345	.30069

#1	2995.8	64397.	4977.2	132.41	3738.7
#2	3009.7	64486.	5020.9	133.37	3754.7

Sample Name: CCB09 Acquired: 11/8/2018 20:32:34 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14153 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00050	.00053	.00134	-.00137	.00839	-.00110
Stddev	.00148	.00089	.00003	.00406	.00019	.01798	.00033
%RSD	208.15	178.76	5.7805	302.46	13.591	214.33	29.870

#1	.00034	.00013	.00051	.00422	-.00124	.02111	-.00133
#2	-.00176	-.00112	.00056	-.00153	-.00150	-.00433	-.00087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00001	.01977	-.00027	-.00010	-.00072	.00017
Stddev	.00001	.00003	.02227	.00025	.00021	.00012	.00027
%RSD	21.589	270.32	112.65	90.458	205.11	15.960	165.34

#1	-.00005	.00001	.03551	-.00010	.00005	-.00064	.00036
#2	-.00007	-.00003	.00402	-.00044	-.00025	-.00080	-.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00230	.00023	.00065	.12100	.00032	-.00186
Stddev	.00005	.02885	.00008	.00013	.00052	.00011	.00003
%RSD	47.137	1252.2	34.171	20.749	.43164	32.843	1.6707

#1	-.00007	-.01810	.00028	.00055	.12063	.00040	-.00188
#2	-.00014	.02270	.00017	.00074	.12137	.00025	-.00183

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08293	.00022	-.00304	-.00090	-.00170	-.00056	.00029
Stddev	.01196	.00006	.00854	.00208	.00400	.00039	.00159
%RSD	14.419	28.183	281.09	230.26	234.77	68.718	543.04

#1	.07448	.00017	.00300	-.00237	-.00453	-.00029	.00141
#2	.09139	.00026	-.00908	.00057	.00112	-.00084	-.00083

Sample Name: CCB09 Acquired: 11/8/2018 20:32:34 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14153 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00343	-.0001	.00001	F .35272	F<.00000
Stddev	.00089	.0017	.00002	.01179	.67683
%RSD	26.017	2190.	213.63	3.3435	550.34

#1	.00280	-.0013	-.00001	.34438	-.60157
#2	.00406	.0011	.00003	.36106	.35560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.1	68316.	5119.1	143.38	4366.2
Stddev	8.9	160.	80.1	.95	8.4
%RSD	.28099	.23374	1.5647	.66167	.19212

#1	3166.8	68203.	5062.4	142.71	4360.3
#2	3179.4	68429.	5175.7	144.05	4372.2

Sample Name: J5844-02MS Acquired: 11/8/2018 20:36:39 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-A-BMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83227	2.0759	1.0149	2.1156	.84178	1.8190	.37070	.19368
Stddev	.02040	.0550	.0256	.0446	.02121	.0010	.00293	.00318
%RSD	2.4515	2.6490	2.5264	2.1084	2.5195	.05709	.78920	1.6411

#1	.81785	2.0370	.99678	2.0840	.82679	1.8182	.36863	.19144
#2	.84670	2.1148	1.0330	2.1471	.85678	1.8197	.37277	.19593

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20324	26.008	.38787	.20627	.32456	3.3571	.28479	4.9717
Stddev	.00544	.081	.00562	.00580	.00840	.0458	.00397	.0292
%RSD	2.6744	.31327	1.4490	2.8097	2.5877	1.3637	1.3932	.58731

#1	.19940	26.066	.38389	.20217	.31862	3.3894	.28199	4.9510
#2	.20708	25.951	.39184	.21037	.33050	3.3247	.28760	4.9923

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51916	.06785	28.334	.29721	.23913	14.160	.44898	.39664
Stddev	.01380	.00056	.038	.00482	.00173	.017	.01134	.01185
%RSD	2.6575	.82707	.13389	1.6217	.72456	.11658	2.5268	2.9866

#1	.50940	.06745	28.361	.29380	.23791	14.171	.44095	.38826
#2	.52891	.06824	28.307	.30062	.24036	14.148	.45700	.40501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65236	3.2892	.72539	.19424	.23277	6.028	.35464	.89441
Stddev	.01282	.0054	.02444	.00065	.00137	.182	.00112	.10473
%RSD	1.9647	.16497	3.3691	.33649	.58721	3.021	.31462	11.709

#1	.64330	3.2854	.70811	.19471	.23373	5.899	.35543	.82035
#2	.66143	3.2931	.74267	.19378	.23180	6.157	.35385	.96846

Sample Name: J5844-02MS Acquired: 11/8/2018 20:36:39 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-A-BMS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .03526
 %RSD 7.4089

#1 -.50085
 #2 -.45099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.2	66213.	5008.8	140.40	4032.3
Stddev	5.5	50.	4.0	2.61	2.6
%RSD	.17897	.07539	.08021	1.8561	.06337

#1	3072.4	66249.	5006.0	138.55	4034.1
#2	3080.1	66178.	5011.6	142.24	4030.5

Sample Name: J5844-02MSD Acquired: 11/8/2018 20:40:28 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-A-BMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87081	2.1603	1.0627	2.2045	.88322	2.1110	.41429	.21853
Stddev	.00058	.0043	.0007	.0014	.00063	.0246	.00314	.00073
%RSD	.06700	.20045	.06927	.06479	.07083	1.1665	.75723	.33291
#1	.87122	2.1573	1.0632	2.2035	.88366	2.0936	.41651	.21802
#2	.87040	2.1634	1.0622	2.2055	.88277	2.1284	.41207	.21905
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21291	28.322	.43639	.21612	.33848	3.2794	.31469	5.5935
Stddev	.00052	.177	.00075	.00030	.00009	.0510	.00101	.0070
%RSD	.24418	.62430	.17108	.13935	.02634	1.5535	.32189	.12558
#1	.21254	28.197	.43586	.21590	.33842	3.2433	.31398	5.5985
#2	.21328	28.447	.43692	.21633	.33854	3.3154	.31541	5.5886
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54227	.07678	31.089	.33375	.24651	15.794	.47032	.44950
Stddev	.00062	.00117	.256	.00053	.00257	.202	.00011	.00059
%RSD	.11364	1.5195	.82491	.16014	1.0412	1.2790	.02379	.13066
#1	.54271	.07596	31.270	.33337	.24470	15.937	.47024	.44992
#2	.54184	.07761	30.907	.33413	.24833	15.652	.47040	.44909
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67901	3.5902	.76457	.22831	.26417	6.299	.40032	1.1002
Stddev	.00023	.0043	.00039	.00001	.00079	.004	.00199	.1227
%RSD	.03456	.11900	.05066	.00515	.30058	.0641	.49714	11.153
#1	.67918	3.5932	.76485	.22831	.26473	6.302	.40173	1.0134
#2	.67885	3.5872	.76430	.22830	.26361	6.297	.39892	1.1870

Sample Name: J5844-02MSD Acquired: 11/8/2018 20:40:28 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-A-BMSD Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .13547
%RSD 17.994

#1 -.65707
#2 -.84866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.3	65944.	4965.3	141.30	4015.2
Stddev	8.4	194.	23.2	.77	13.9
%RSD	.27480	.29408	.46644	.54500	.34537

#1	3064.3	66081.	4948.9	141.84	4005.4
#2	3076.2	65807.	4981.7	140.75	4025.0

Sample Name: J5844-02A Acquired: 11/8/2018 20:44:17 Type: Unk
Method: P4-ICP2(v2557) 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	.88451	2.1992	1.0789	2.2351	.89731	2.1049	.41238	.21815
Stddev	.00733	.0336	.0176	.0389	.01605	.0138	.00315	.00066
%RSD	.82818	1.5287	1.6295	1.7387	1.7891	.65583	.76321	.30280
#1	.87933	2.1754	1.0665	2.2077	.88596	2.0951	.41461	.21862
#2	.88969	2.2230	1.0914	2.2626	.90866	2.1146	.41016	.21769
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21650	28.324	.43528	.21957	.34413	3.3463	.31461	5.5770
Stddev	.00399	.093	.00027	.00439	.00645	.0596	.00039	.0233
%RSD	1.8432	.32987	.06251	1.9998	1.8740	1.7817	.12431	.41732
#1	.21367	28.258	.43547	.21647	.33957	3.3041	.31489	5.5935
#2	.21932	28.390	.43508	.22268	.34869	3.3884	.31434	5.5605
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55256	.07655	30.998	.33271	.25192	15.810	.47841	.44906
Stddev	.01138	.00070	.246	.00025	.00301	.145	.00845	.00322
%RSD	2.0604	.92085	.79454	.07380	1.1946	.91581	1.7659	.71716
#1	.54451	.07704	31.172	.33288	.24979	15.912	.47244	.44679
#2	.56061	.07605	30.824	.33253	.25405	15.707	.48438	.45134
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68783	3.6035	.77875	.22950	.26476	6.392	.39877	1.0234
Stddev	.01271	.0366	.01256	.00075	.00002	.093	.00215	.0367
%RSD	1.8480	1.0168	1.6132	.32753	.00855	1.451	.53895	3.5862
#1	.67885	3.6294	.76987	.22897	.26474	6.326	.40029	1.0493
#2	.69682	3.5776	.78763	.23004	.26477	6.457	.39725	.99743

Sample Name: J5844-02A Acquired: 11/8/2018 20:44:17 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.40641
%RSD	66.473

#1	-.32401
#2	-.89876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.2	65987.	4969.0	139.16	3975.5
Stddev	52.9	254.	25.8	1.76	71.1
%RSD	1.7387	.38472	.52011	1.2647	1.7879

#1	3078.6	65807.	4950.7	140.40	4025.8
#2	3003.8	66166.	4987.3	137.91	3925.3

Sample Name: J5844-05 Acquired: 11/8/2018 20:48:06 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-C Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00118	.00017	.00076	-.00203	-.00545	.18481	-.00007
Stddev	.00012	.00022	.00026	.00051	.00129	.00076	.00096	.00003
%RSD	7.8233	18.597	154.46	66.972	63.263	13.942	.52079	35.693

#1	-.00157	-.00133	.00035	.00112	-.00112	-.00491	.18549	-.00005
#2	-.00140	-.00102	-.00002	.00040	-.00294	-.00599	.18413	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	26.646	-.00061	-.00025	-.00099	.47369	.09103	3.1655
Stddev	.00002	.012	.00013	.00017	.00012	.00315	.00060	.0774
%RSD	41.766	.04403	21.789	68.563	12.084	.66502	.66159	2.4463

#1	-.00004	26.654	-.00052	-.00013	-.00091	.47592	.09145	3.1107
#2	-.00007	26.638	-.00071	-.00036	-.00108	.47146	.09060	3.2202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	.00042	26.503	.00074	.03879	4.3743	-.00012	.10485
Stddev	.00022	.00005	.141	.00014	.00029	.0230	.00012	.00892
%RSD	45.589	11.019	.53322	19.400	.75650	.52528	96.688	8.5069

#1	-.00033	.00038	26.603	.00064	.03858	4.3580	-.00004	.09854
#2	-.00064	.00045	26.403	.00084	.03900	4.3905	-.00021	.11115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83294	2.5602	-.00147	-.00047	.03226	.0006	.17207	.97286
Stddev	.01062	.0127	.00032	.00023	.00022	.0003	.00048	.27599
%RSD	1.2750	.49464	21.829	49.640	.67985	44.04	.28054	28.369

#1	.82543	2.5692	-.00124	-.00030	.03211	.0004	.17241	1.1680
#2	.84045	2.5512	-.00170	-.00063	.03242	.0008	.17173	.77771

Sample Name: J5844-05 Acquired: 11/8/2018 20:48:06 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-C Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .42009
Stddev .56846
%RSD 135.32

#1 .82205
#2 .01813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.0	66197.	5024.8	141.48	4169.9
Stddev	40.7	730.	24.1	.20	54.4
%RSD	1.3018	1.1033	.47998	.13793	1.3037

#1	3155.8	65680.	5007.8	141.62	4208.4
#2	3098.2	66713.	5041.9	141.34	4131.5

Sample Name: J5858-14 Acquired: 11/8/2018 20:52:09 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-GW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00295	-.00111	-.00045	.00149	-.00082	.04506	.07949	-.00008
Stddev	.00093	.00097	.00036	.00151	.00107	.00146	.00063	.00001
%RSD	31.416	87.267	80.072	101.45	129.31	3.2453	.79486	9.9718

#1	-.00230	-.00043	-.00070	.00042	-.00158	.04609	.07905	-.00007
#2	-.00361	-.00180	-.00019	.00256	-.00007	.04402	.07994	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	12.355	-.00055	.00030	-.00066	.54214	.33666	1.8019
Stddev	.00010	.020	.00009	.00002	.00110	.01269	.00064	.0184
%RSD	6300.8	.16006	16.679	5.0914	165.17	2.3413	.19049	1.0235

#1	-.00007	12.341	-.00061	.00031	.00011	.55111	.33621	1.7888
#2	.00007	12.369	-.00048	.00029	-.00144	.53316	.33711	1.8149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00028	19.277	.00063	.09773	.83308	.00031	.05602
Stddev	.00009	.00030	.068	.00007	.00260	.01934	.00008	.01393
%RSD	11.569	109.12	.35158	11.421	2.6615	2.3216	26.296	24.858

#1	.00073	-.00049	19.325	.00058	.09957	.81941	.00036	.04618
#2	.00086	-.00006	19.229	.00068	.09589	.84676	.00025	.06587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9909	1.8013	-.00142	.00198	.00298	.0105	.04997	.72816
Stddev	.0085	.0064	.00002	.00018	.00025	.0011	.00062	.00946
%RSD	.42831	.35323	1.3446	8.9623	8.5071	10.55	1.2415	1.2998

#1	1.9849	1.8058	-.00141	.00186	.00316	.0097	.04953	.72146
#2	1.9970	1.7968	-.00143	.00211	.00280	.0113	.05041	.73485

Sample Name: J5858-14 Acquired: 11/8/2018 20:52:09 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9-GW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .78946
Stddev .19634
%RSD 24.870

#1 .92829
#2 .65063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.7	66860.	5051.4	145.01	4226.5
Stddev	6.1	31.	36.2	2.41	11.8
%RSD	.19543	.04685	.71697	1.6611	.27935

#1	3125.0	66838.	5025.8	143.31	4234.9
#2	3116.4	66882.	5077.0	146.71	4218.2

Sample Name: J5851-02 Acquired: 11/8/2018 20:56:11 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00025	.00096	.00098	-.00382	.01242	.01521	.00000
Stddev	.00182	.00089	.00033	.00084	.00129	.00868	.00023	.00004
%RSD	2855.5	359.49	34.698	85.866	33.626	69.844	1.5344	3303.3

#1	.00135	.00038	.00119	.00039	-.00473	.00629	.01537	.00003
#2	-.00122	-.00088	.00072	.00158	-.00292	.01856	.01504	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	28.899	-.00036	-.00028	.00157	.02900	.00075	10.892
Stddev	.00005	.087	.00005	.00002	.00066	.00329	.00006	.101
%RSD	38.549	.30143	13.071	6.2987	42.052	11.353	7.8759	.92535

#1	-.00010	28.960	-.00040	-.00027	.00110	.02667	.00071	10.963
#2	-.00018	28.837	-.00033	-.00030	.00203	.03133	.00079	10.821

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.00072	64.812	.00071	-.00192	3.5695	-.00023	.03370
Stddev	.00004	.00015	.294	.00077	.00003	.0216	.00040	.00260
%RSD	9.6550	20.543	.45298	108.90	1.6129	.60469	176.33	7.7011

#1	-.00035	.00062	65.019	.00016	-.00190	3.5542	.00006	.03187
#2	-.00041	.00083	64.604	.00125	-.00194	3.5848	-.00051	.03554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8765	2.4631	-.00309	.00083	.00206	.0487	.16560	.38818
Stddev	.0325	.0239	.00091	.00023	.00008	.0004	.00020	.87377
%RSD	.47279	.96938	29.382	27.701	3.8839	.9091	.11891	225.10

#1	6.8535	2.4463	-.00245	.00099	.00201	.0484	.16574	-.22967
#2	6.8995	2.4800	-.00374	.00066	.00212	.0490	.16547	1.0060

Sample Name: J5851-02 Acquired: 11/8/2018 20:56:11 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4221
Stddev	.7352
%RSD	51.694

#1	.90230
#2	1.9420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.8	67170.	5002.6	143.19	4076.9
Stddev	1.9	3163.	3.0	.83	4.3
%RSD	.06269	4.7089	.05961	.58301	.10525

#1	3075.2	69406.	5004.7	143.78	4079.9
#2	3072.4	64933.	5000.4	142.60	4073.9

Sample Name: J5851-03 Acquired: 11/8/2018 21:00:13 Type: Unk
Method: P4-ICP2(v2557) 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	-.00170	-.00085	.00111	-.00051	-.00050	.01037	.01425	-.00002
Stddev	.00135	.00033	.00055	.00001	.00053	.00065	.00026	.00004
%RSD	79.020	38.861	49.768	2.7593	106.17	6.2653	1.8157	182.17

#1	-.00075	-.00061	.00150	-.00052	-.00088	.01083	.01407	-.00005
#2	-.00266	-.00108	.00072	-.00050	-.00013	.00991	.01444	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	28.927	-.00009	-.00017	.00149	.02464	.00090	10.929
Stddev	.00006	.043	.00029	.00016	.00013	.00173	.00002	.058
%RSD	325.92	.14908	314.07	95.502	8.4935	7.0278	1.9573	.53045

#1	-.00006	28.957	-.00030	-.00006	.00140	.02586	.00089	10.970
#2	.00002	28.896	.00011	-.00029	.00158	.02341	.00091	10.888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00056	64.245	.00041	-.00079	3.5831	-.00017	.03857
Stddev	.00069	.00022	.815	.00061	.00007	.0079	.00000	.00064
%RSD	134.83	40.105	1.2687	150.21	8.7302	.21982	.89868	1.6582

#1	-.00099	.00040	64.821	.00084	-.00084	3.5775	-.00017	.03902
#2	-.00002	.00071	63.669	-.00003	-.00074	3.5887	-.00017	.03812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8518	2.4650	-.00395	-.00091	.00136	.0490	.16455	1.4067
Stddev	.0047	.0456	.00003	.00072	.00035	.0004	.00044	.0638
%RSD	.06895	1.8510	.64702	79.013	25.348	.7619	.26833	4.5321

#1	6.8485	2.4973	-.00393	-.00142	.00112	.0487	.16486	1.4518
#2	6.8552	2.4328	-.00397	-.00040	.00161	.0493	.16423	1.3616

Sample Name: J5851-03 Acquired: 11/8/2018 21:00:13 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .86237
Stddev .48979
%RSD 56.796

#1 1.2087
#2 .51603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.7	64475.	4975.4	143.59	4055.3
Stddev	6.8	770.	45.2	1.49	.1
%RSD	.22251	1.1944	.90761	1.0404	.00231

#1	3051.9	63930.	4943.5	142.53	4055.4
#2	3061.5	65019.	5007.3	144.65	4055.2

Sample Name: J5851-04 Acquired: 11/8/2018 21:04:17 Type: Unk
Method: P4-ICP2(v2557) 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	-.00020	-.00150	.00128	-.00163	-.00216	-.00642	.01587	.00006
Stddev	.00011	.00018	.00003	.00125	.00104	.00591	.00023	.00003
%RSD	54.202	11.778	1.9533	76.717	48.167	92.032	1.4794	47.271

#1	-.00027	-.00163	.00130	-.00252	-.00290	-.01061	.01604	.00004
#2	-.00012	-.00138	.00126	-.00075	-.00143	-.00224	.01571	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	29.741	-.00068	-.00016	.00131	.02633	.00061	13.749
Stddev	.00010	.000	.00035	.00002	.00028	.01257	.00002	.118
%RSD	78.274	.00082	50.759	13.200	21.137	47.742	3.2676	.86060

#1	-.00020	29.741	-.00092	-.00015	.00150	.01744	.00062	13.832
#2	-.00006	29.741	-.00044	-.00018	.00111	.03521	.00059	13.665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	.00022	90.334	.00060	-.00192	4.4874	-.00022	.04501
Stddev	.00085	.00036	.915	.00014	.00004	.0713	.00024	.01023
%RSD	155.92	160.28	1.0130	23.621	2.2073	1.5885	113.01	22.736

#1	-.00114	-.00003	90.981	.00050	-.00189	4.5378	-.00039	.03777
#2	.00006	.00048	89.687	.00071	-.00195	4.4370	-.00004	.05224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9982	2.4552	-.00338	-.00046	.00238	.0518	.18278	.90358
Stddev	.0104	.0127	.00034	.00197	.00043	.0007	.00078	.31219
%RSD	.11555	.51590	10.206	423.92	18.205	1.335	.42829	34.550

#1	8.9908	2.4642	-.00362	-.00185	.00208	.0523	.18333	1.1243
#2	9.0055	2.4463	-.00314	.00093	.00269	.0513	.18223	.68283

Sample Name: J5851-04 Acquired: 11/8/2018 21:04:17 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7758
 Stddev .8521
 %RSD 47.983

#1 1.1733
 #2 2.3784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.2	65293.	4948.6	140.71	3972.4
Stddev	4.9	550.	24.5	.35	5.1
%RSD	.16076	.84293	.49456	.24790	.12957

#1	3020.8	64904.	4931.3	140.47	3968.8
#2	3027.6	65682.	4965.9	140.96	3976.1

Sample Name: J5851-05 Acquired: 11/8/2018 21:08:20 Type: Unk
Method: P4-ICP2(v2557) 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	-.00050	-.00117	.00180	-.00083	-.00354	.01098	.01477	.00002
Stddev	.00165	.00081	.00063	.00028	.00086	.01043	.00046	.00003
%RSD	328.03	69.121	34.791	33.600	24.289	95.021	3.0958	134.66

#1	.00066	-.00060	.00136	-.00103	-.00415	.00360	.01510	.00004
#2	-.00167	-.00174	.00225	-.00063	-.00294	.01835	.01445	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	29.692	-.00073	-.00005	.00138	.02067	.00048	13.309
Stddev	.00000	.002	.00004	.00030	.00004	.00398	.00001	.108
%RSD	4.3944	.00731	4.9723	554.68	2.7074	19.263	2.6945	.80770

#1	-.00010	29.694	-.00070	-.00027	.00141	.01786	.00047	13.385
#2	-.00009	29.691	-.00075	.00016	.00135	.02349	.00048	13.233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00020	86.463	.00043	-.00185	4.3511	-.00018	.04240
Stddev	.00007	.00049	1.004	.00006	.00009	.0461	.00024	.00005
%RSD	19.196	240.40	1.1611	13.671	4.8498	1.0604	129.97	.11129

#1	-.00029	-.00014	87.173	.00048	-.00191	4.3185	-.00035	.04237
#2	-.00039	.00055	85.753	.00039	-.00178	4.3838	-.00001	.04244

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7917	2.4350	-.00376	-.00043	.00256	.0509	.18040	1.3276
Stddev	.1760	.0518	.00100	.00098	.00133	.0004	.00035	.2940
%RSD	2.0022	2.1289	26.729	230.20	51.975	.7230	.19471	22.149

#1	8.9162	2.4716	-.00305	-.00112	.00351	.0511	.18015	1.1197
#2	8.6673	2.3983	-.00447	.00027	.00162	.0506	.18065	1.5355

Sample Name: J5851-05 Acquired: 11/8/2018 21:08:20 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .90219
 Stddev .32922
 %RSD 36.491

#1 .66940
 #2 1.1350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.5	64643.	4980.3	141.06	3949.6
Stddev	31.1	179.	60.2	.34	57.2
%RSD	1.0369	.27749	1.2094	.24203	1.4477

#1	2980.5	64770.	4937.7	140.82	3909.1
#2	3024.5	64516.	5022.9	141.30	3990.0

Sample Name: J5851-06 Acquired: 11/8/2018 21:12:23 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00185	-.00102	.00010	-.00086	-.00320	.00119	.01510	-.00002
Stddev	.00111	.00043	.00010	.00494	.00204	.00097	.00013	.00006
%RSD	59.806	42.447	98.233	572.75	63.900	81.339	.88029	270.26

#1	-.00107	-.00072	.00003	-.00435	-.00175	.00188	.01519	.00002
#2	-.00264	-.00133	.00016	.00263	-.00464	.00051	.01501	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	29.700	.00235	-.00031	.00184	.02359	.00048	13.636
Stddev	.00003	.151	.00023	.00002	.00014	.00078	.00007	.075
%RSD	103.92	.50714	9.6869	6.4821	7.7144	3.3132	14.190	.55263

#1	-.00005	29.806	.00251	-.00032	.00174	.02414	.00053	13.689
#2	-.00001	29.593	.00219	-.00029	.00194	.02304	.00043	13.583

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00013	88.793	.00122	-.00194	4.4312	-.00005	.04952
Stddev	.00011	.00028	1.422	.00053	.00002	.0067	.00001	.00243
%RSD	1286.4	221.26	1.6011	43.716	1.0783	.15021	11.144	4.9125

#1	-.00009	.00032	89.799	.00084	-.00192	4.4265	-.00006	.04780
#2	.00007	-.00007	87.788	.00160	-.00195	4.4359	-.00005	.05124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7571	2.4409	-.00364	.00135	.00303	.0499	.18235	1.0466
Stddev	.1407	.0150	.00049	.00168	.00008	.0008	.00129	.0780
%RSD	1.6065	.61370	13.409	124.06	2.5113	1.601	.70668	7.4522

#1	8.8565	2.4515	-.00330	.00017	.00298	.0505	.18326	.99142
#2	8.6576	2.4303	-.00399	.00254	.00308	.0493	.18144	1.1017

Sample Name: J5851-06 Acquired: 11/8/2018 21:12:23 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4609
Stddev .3274
%RSD 22.408

#1 1.2294
#2 1.6924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.8	64656.	4989.1	141.31	4029.4
Stddev	31.6	4.	76.8	1.56	45.8
%RSD	1.0337	.00548	1.5394	1.1009	1.1362

#1	3035.5	64654.	4934.8	140.21	3997.0
#2	3080.2	64659.	5043.4	142.41	4061.8

Sample Name: CCV10 Acquired: 11/8/2018 21:16:26 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7668 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1863	5.2038	5.1819	5.1656	5.2133	10.032	10.951	.25909
Stddev	.0069	.0176	.0086	.0151	.0076	.051	.227	.00030
%RSD	.13272	.33877	.16560	.29237	.14544	.50500	2.0705	.11496
#1	5.1814	5.1914	5.1758	5.1763	5.2187	10.068	11.111	.25930
#2	5.1912	5.2163	5.1880	5.1549	5.2080	9.9964	10.791	.25888
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6004	26.229	1.0324	2.6020	1.3112	5.1292	2.6229	26.702
Stddev	.0036	.225	.0043	.0061	.0043	.1061	.0024	.533
%RSD	.13740	.85658	.41656	.23470	.33098	2.0690	.09316	1.9959
#1	2.5979	26.388	1.0294	2.5977	1.3081	5.2042	2.6247	27.079
#2	2.6030	26.070	1.0355	2.6063	1.3142	5.0542	2.6212	26.325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6068	1.2795	26.905	2.6174	2.6449	27.085	5.2831	5.3312
Stddev	.0034	.0016	.489	.0000	.0546	.337	.0043	.0658
%RSD	.13033	.12642	1.8190	.00113	2.0648	1.2438	.08144	1.2339
#1	2.6044	1.2806	27.251	2.6174	2.6835	27.323	5.2862	5.3777
#2	2.6092	1.2784	26.559	2.6174	2.6062	26.847	5.2801	5.2847
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0813	5.3646	5.1749	5.2815	5.3807	5.196	5.3004	F 1.9697
Stddev	.0050	.0588	.0090	.0192	.0974	.002	.1217	.0412
%RSD	.09833	1.0957	.17348	.36260	1.8108	.0378	2.2967	2.0899
#1	5.0848	5.4062	5.1685	5.2950	5.4496	5.195	5.3865	1.9406
#2	5.0777	5.3231	5.1812	5.2679	5.3118	5.198	5.2144	1.9988

Sample Name: CCV10 Acquired: 11/8/2018 21:16:26 Type: Unk
 Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7668 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0660
Stddev	.2725
%RSD	13.189

#1	1.8733
#2	2.2587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.5	63537.	4902.3	133.38	3718.3
Stddev	10.0	147.	56.0	3.06	4.9
%RSD	.33707	.23208	1.1419	2.2937	.13131

#1	2957.4	63433.	4862.7	131.21	3714.8
#2	2971.5	63642.	4941.9	135.54	3721.7

Sample Name: CCB10 Acquired: 11/8/2018 21:20:13 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7664 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	.00011	.00013	.00042	-.00119	-.00053	-.00025
Stddev	.00201	.00079	.00140	.00083	.00046	.01102	.00021
%RSD	456.68	719.52	1066.3	195.33	38.554	2079.4	84.693

#1	.00098	-.00045	-.00086	-.00016	-.00086	.00727	-.00010
#2	-.00186	.00067	.00112	.00101	-.00151	-.00833	-.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00000	.00864	-.00034	-.00014	-.00020	.00677
Stddev	.00000	.00000	.01624	.00020	.00005	.00020	.00727
%RSD	6.2942	91.570	188.00	58.977	35.842	100.53	107.33

#1	-.00007	-.00001	.02012	-.00048	-.00010	-.00034	.01191
#2	-.00008	-.00000	-.00285	-.00020	-.00018	-.00006	.00163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.02805	.00072	-.00001	.12237	.00026	-.00174
Stddev	.00000	.04008	.00013	.00028	.00618	.00035	.00005
%RSD	2.6227	142.92	17.317	3776.0	5.0493	135.44	2.6097

#1	-.00008	-.05639	.00063	-.00021	.11800	.00050	-.00177
#2	-.00009	.00030	.00081	.00019	.12674	.00001	-.00170

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07693	.00009	.00514	.00204	.00141	-.00073	-.00016
Stddev	.01298	.00019	.00119	.00085	.00085	.00034	.00049
%RSD	16.870	221.38	23.202	41.762	60.275	46.327	300.89

#1	.06775	.00022	.00430	.00264	.00081	-.00049	-.00051
#2	.08611	-.00005	.00599	.00144	.00201	-.00097	.00018

Sample Name: CCB10 Acquired: 11/8/2018 21:20:13 Type: Unk
Method: P4-ICP2(v2557) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7664 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00427	.0013	.00001	F .47555	F<.00000
Stddev	.00006	.0001	.00003	.09995	.80219
%RSD	1.3505	10.86	603.41	21.018	644.49

#1	.00423	.0014	-.00002	.40487	.44277
#2	.00431	.0012	.00003	.54622	-.69171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.7	67316.	5034.1	142.76	4343.0
Stddev	.3	135.	55.8	.39	10.3
%RSD	.00902	.20019	1.1085	.27654	.23665

#1	3151.9	67221.	4994.6	143.04	4335.7
#2	3151.5	67412.	5073.5	142.48	4350.2