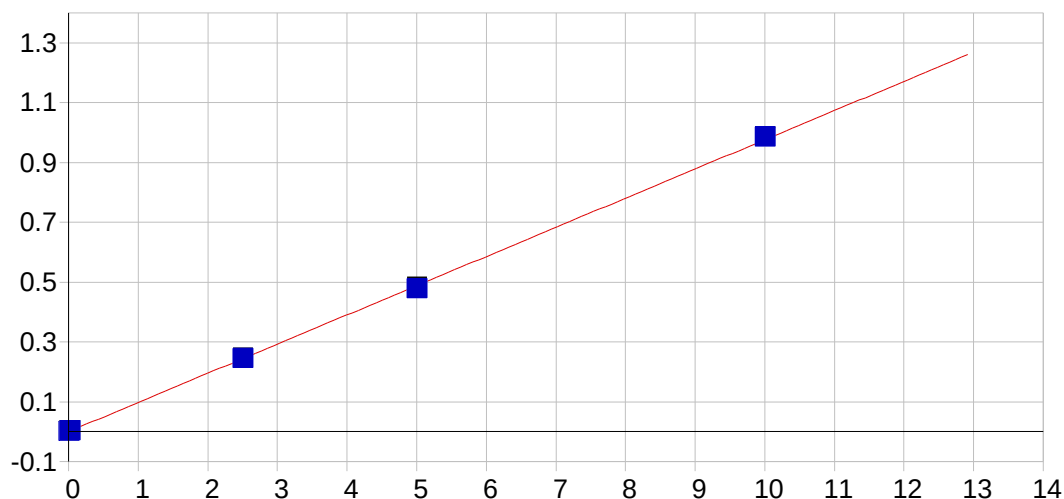


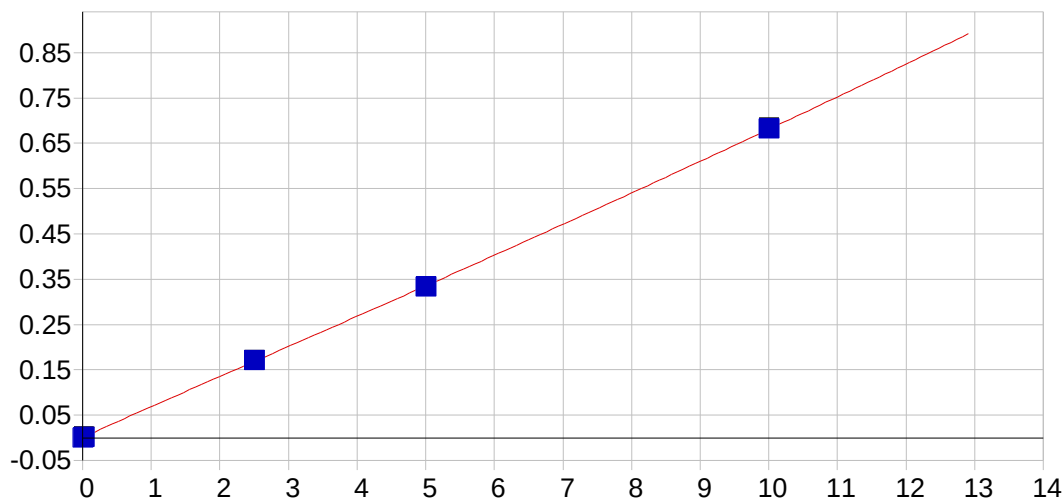


As 189.042 {478}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.097593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002289
 Predicted MQL: 0.007632

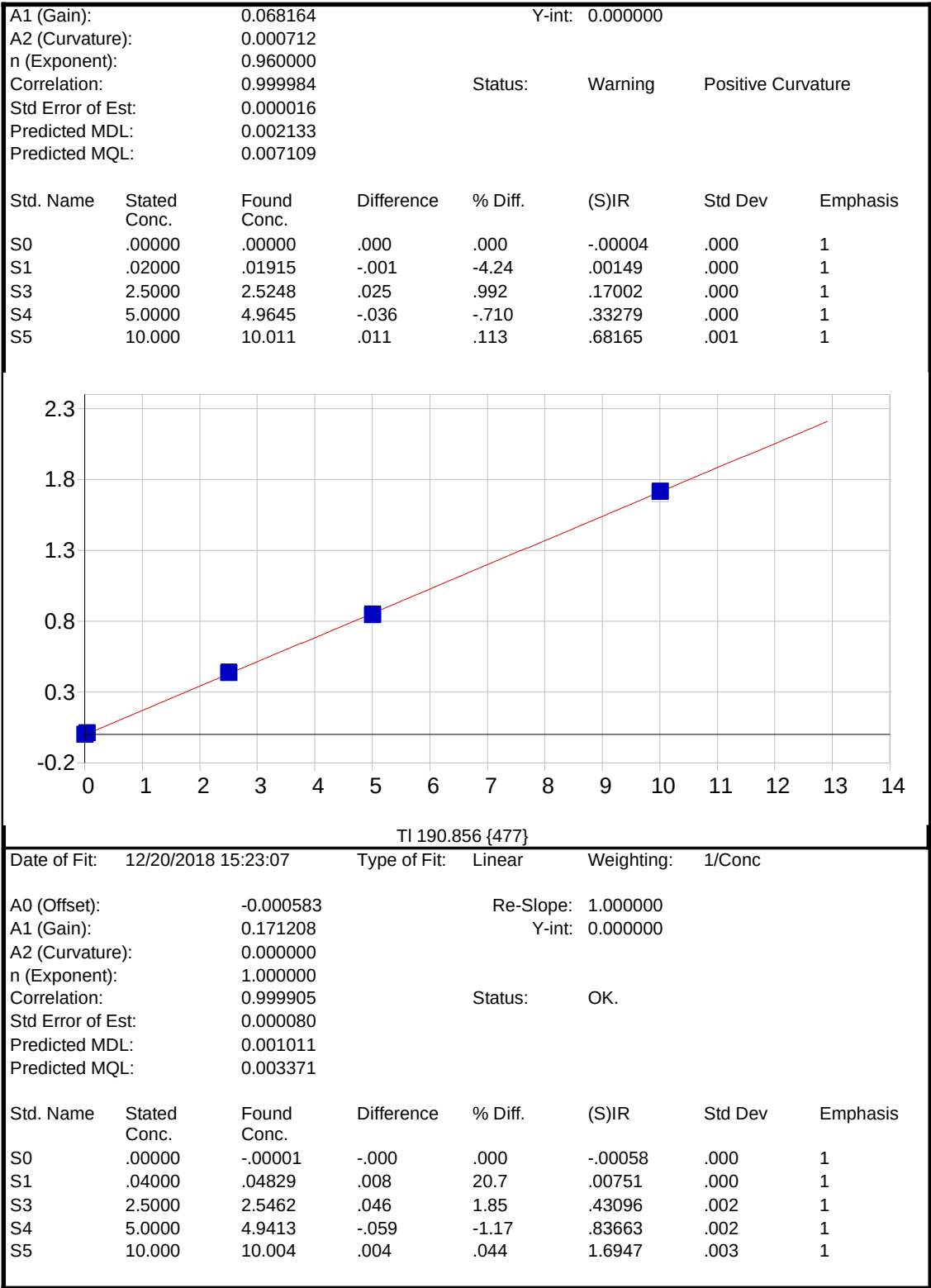
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02163	.002	8.14	.00203	.000	1
S3	2.5000	2.5076	.008	.306	.24464	.001	1
S4	5.0000	4.9064	-.094	-1.87	.47873	.003	1
S5	10.000	10.084	.084	.843	.98402	.001	1

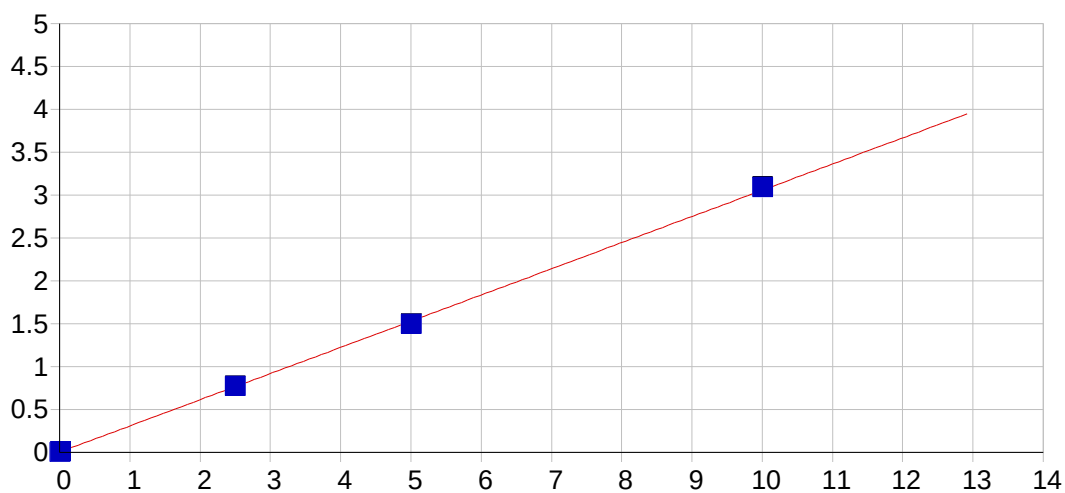


As 189.042 {479}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000040 Re-Slope: 1.000000



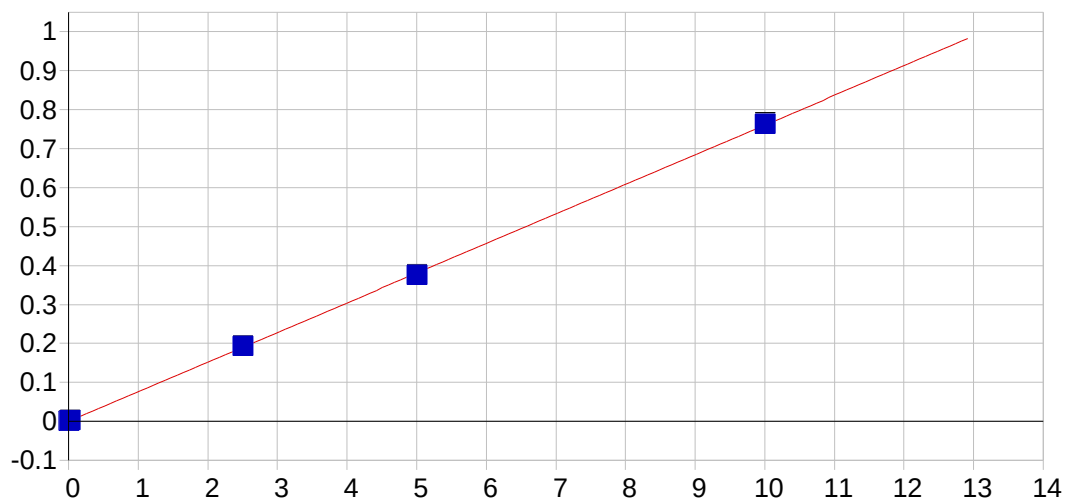


Pb 220.353 {453}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003074 Re-Slope: 1.000000
 A1 (Gain): 0.305359 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000871
 Predicted MQL: 0.002902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00307	.000	1
S1	.01200	.01349	.001	12.4	.00712	.000	1
S3	2.5000	2.5040	.004	.162	.76666	.002	1
S4	5.0000	4.8871	-.113	-2.26	1.4933	.003	1
S5	10.000	10.107	.107	1.07	3.0853	.006	1



Se 196.090 {472}

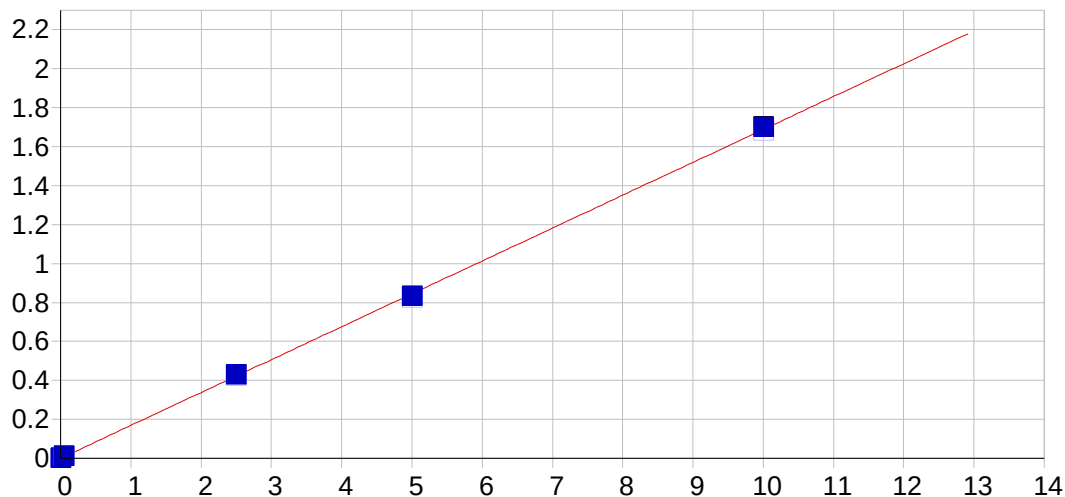
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000
 A1 (Gain): 0.076080 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000017
 Predicted MDL: 0.002684
 Predicted MQL: 0.008948

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.02000	.01827	-.002	-8.66	.00128	.000	1
S3	2.5000	2.5325	.032	1.30	.19249	.001	1
S4	5.0000	4.9366	-.063	-1.27	.37531	.001	1
S5	10.000	10.033	.033	.327	.76286	.003	1



Sb 206.833 {463}

Date of Fit: 12/20/2018 15:23:07

Type of Fit: Linear

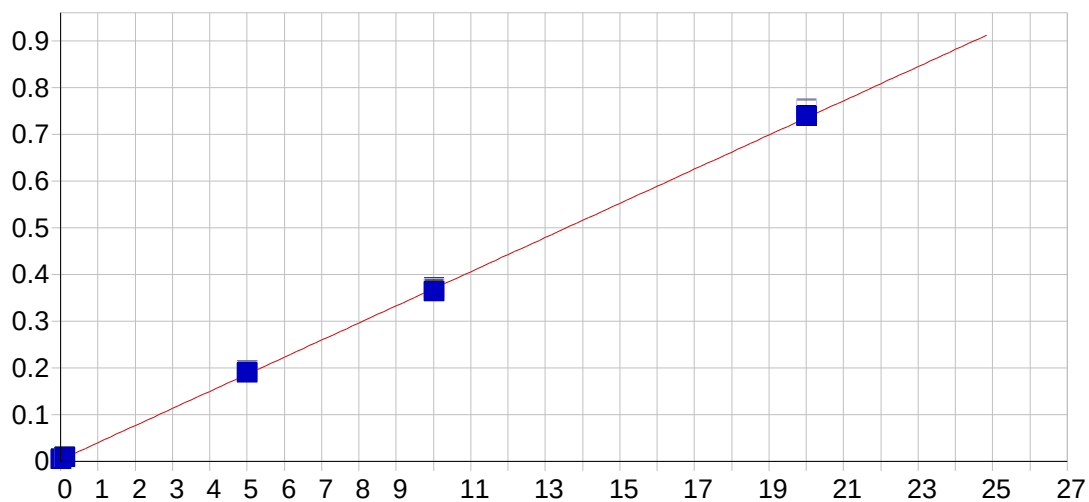
Weighting: 1/Conc

A0 (Offset): 0.000308
 A1 (Gain): 0.168790
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000088
 Predicted MDL: 0.001470
 Predicted MQL: 0.004898

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	.00031	.000	1
S1	.05000	.05833	.008	16.7	.00994	.000	1
S3	2.5000	2.5216	.022	.864	.42119	.000	1
S4	5.0000	4.9164	-.084	-1.67	.82065	.001	1
S5	10.000	10.054	.054	.538	1.6783	.004	1

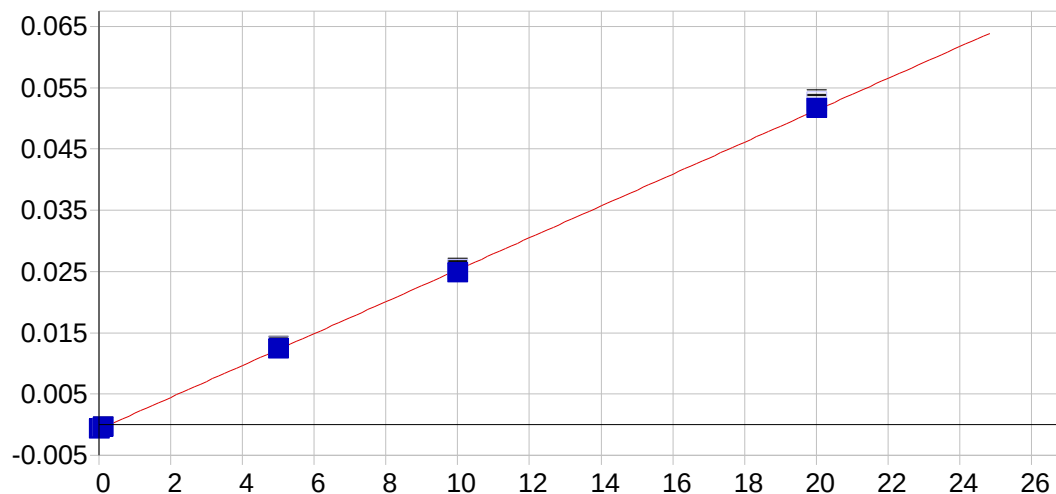


AI 308.215 {109}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003547 Re-Slope: 1.000000
 A1 (Gain): 0.036578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.002855
 Predicted MQL: 0.009518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00355	.000	1
S1	.10000	.11374	.014	13.7	.00796	.000	1
S3	5.0000	5.0744	.074	1.49	.19280	.000	1
S4	10.000	9.8252	-.175	-1.75	.37021	.001	1
S5	20.000	20.086	.086	.430	.75282	.001	1



AI 309.271 {109}

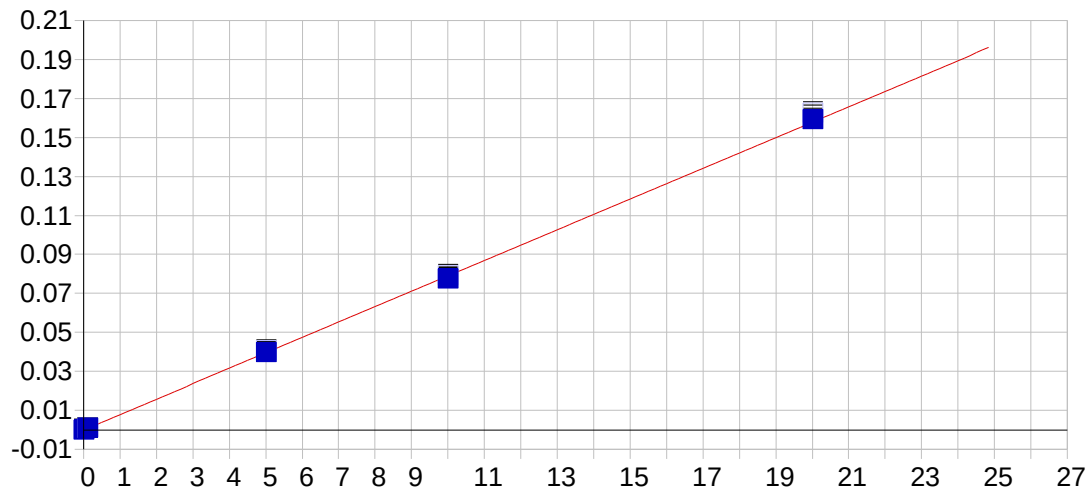
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000755 Re-Slope: 1.000000
 A1 (Gain): 0.002603 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000003
 Predicted MDL: 0.026919
 Predicted MQL: 0.089731

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00076	.000	1
S1	.10000	.11742	.017	17.4	-.00043	.000	1
S3	5.0000	5.0493	.049	.986	.01265	.000	1
S4	10.000	9.8256	-.174	-1.74	.02534	.000	1
S5	20.000	20.107	.107	.534	.05263	.000	1

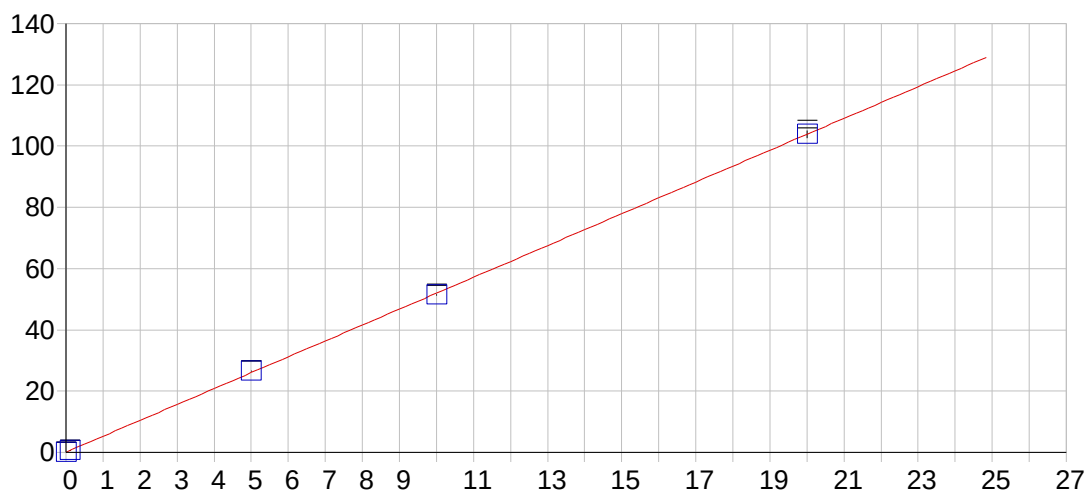


AI 396.152 { 85}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.007896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.012147
 Predicted MQL: 0.040489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.10000	.10988	.010	9.88	.00089	.000	1
S3	5.0000	5.0363	.036	.725	.04052	.000	1
S4	10.000	9.7999	-.200	-2.00	.07892	.001	1
S5	20.000	20.153	.153	.767	.16224	.001	1

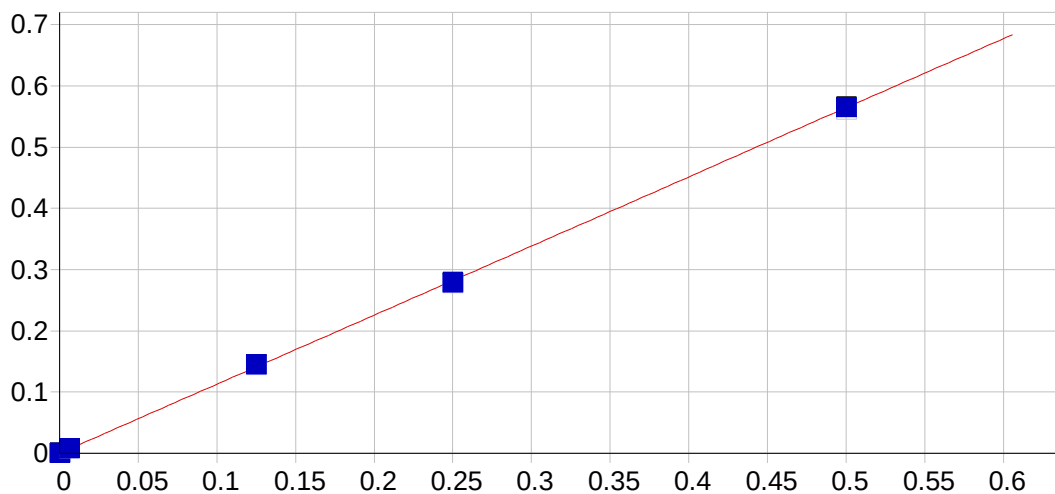


Ba 493.409 { 68}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.082998 Re-Slope: 1.000000
 A1 (Gain): 5.187903 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.004942
 Predicted MDL: 0.000656
 Predicted MQL: 0.002187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.08291	.002	1
S1	.10000	.11534	.015	15.3	.68135	.006	1
S3	5.0000	5.1006	.101	2.01	26.544	.015	1
S5	20.000	19.987	-.013	-.064	103.77	1.24	1
S4	10.000	9.8969	-.103	-1.03	51.427	.270	1



Be 234.861 {144}

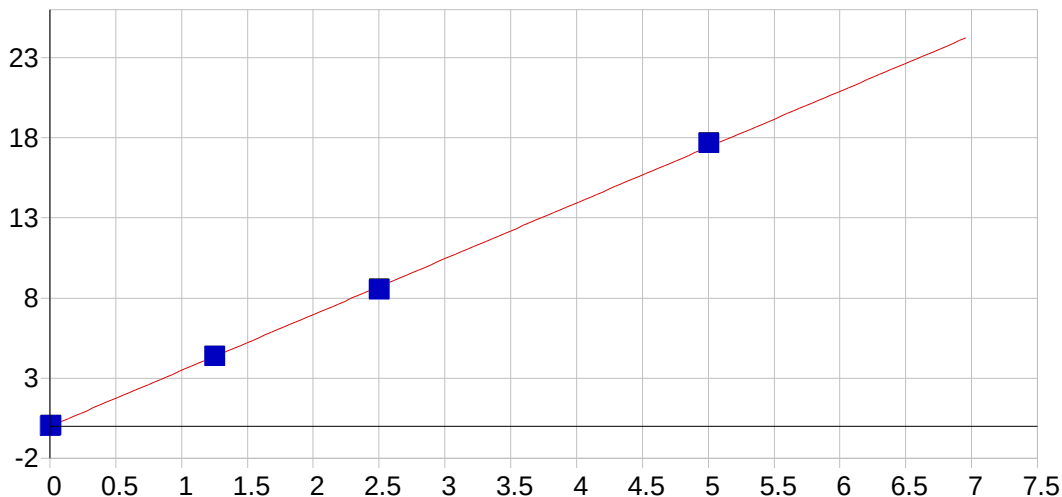
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000095 Re-Slope: 1.000000
 A1 (Gain): 1.128128 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000048
 Predicted MDL: 0.000059
 Predicted MQL: 0.000196

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.00600	.00667	.001	11.1	.00754	.000	1
S3	.12500	.12781	.003	2.25	.14340	.000	1
S4	.25000	.24674	-.003	-1.30	.27667	.000	1
S5	.50000	.49978	-.000	-.043	.56037	.002	1



Cd 226.502 {449}

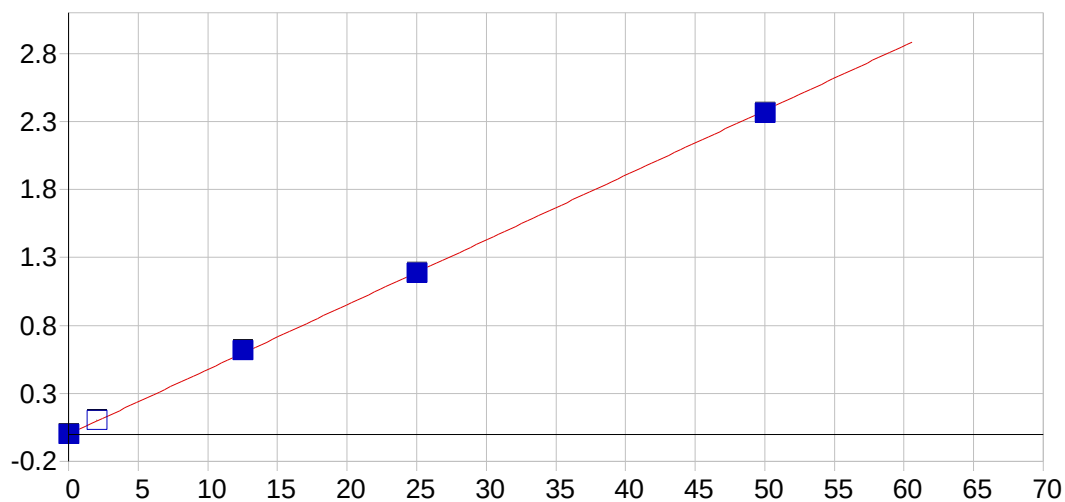
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000889
 A1 (Gain): 3.484526
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000492
 Predicted MDL: 0.000080
 Predicted MQL: 0.000268

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	-.00089	.000	1
S1	.00600	.00617	.000	2.76	.02064	.000	1
S3	1.2500	1.2448	-.005	-.412	4.3378	.012	1
S4	2.5000	2.4445	-.056	-2.22	8.5189	.013	1
S5	5.0000	5.0605	.061	1.21	17.637	.036	1

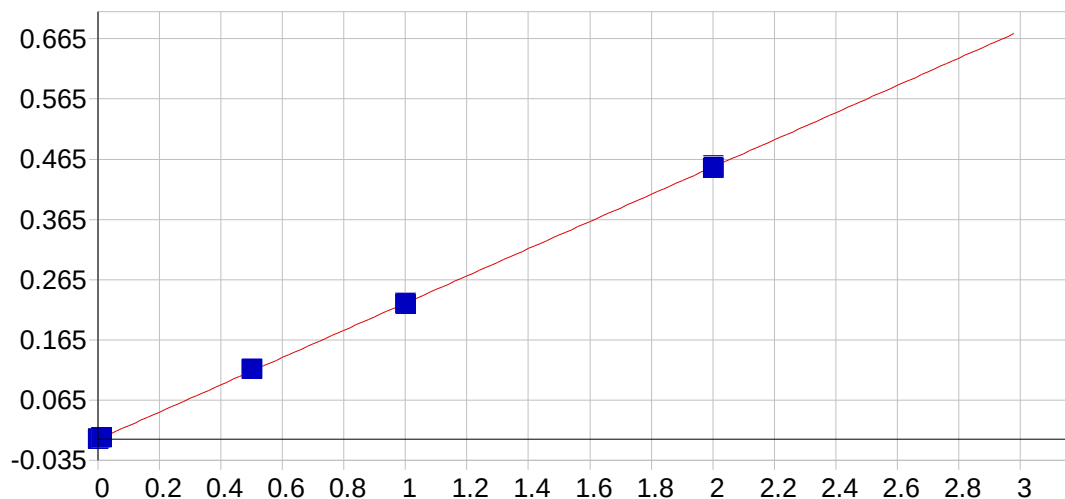


Ca 373.690 { 90}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.047610 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000476
 Predicted MDL: 0.017554
 Predicted MQL: 0.058515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1750	.175	8.75	.10351	.000	1
S0	.00000	-.00021	-.000	.000	-.00005	.000	1
S3	12.500	12.863	.363	2.91	.61270	.005	1
S4	25.000	24.883	-.117	-.466	1.1853	.005	1
S5	50.000	49.578	-.422	-.843	2.3617	.005	1



Cr 267.716 {126}

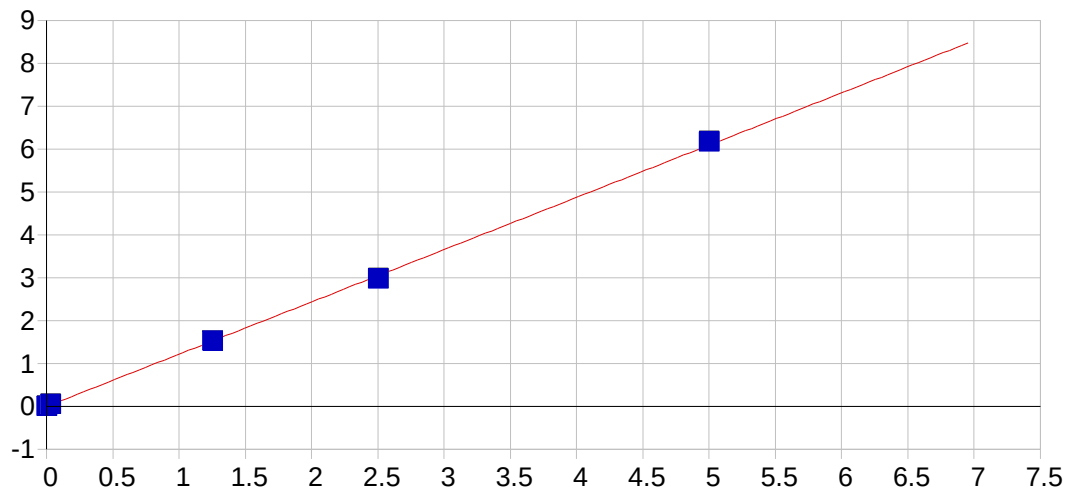
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.225951 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000023
 Predicted MDL: 0.000391
 Predicted MQL: 0.001305

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01129	.001	12.9	.00259	.000	1
S3	.50000	.51342	.013	2.68	.11688	.000	1
S4	1.0000	.99496	-.005	-.504	.22653	.000	1
S5	2.0000	1.9903	-.010	-.483	.45312	.000	1



Co 228.616 {447}

Date of Fit: 12/20/2018 15:23:07

Type of Fit: Linear

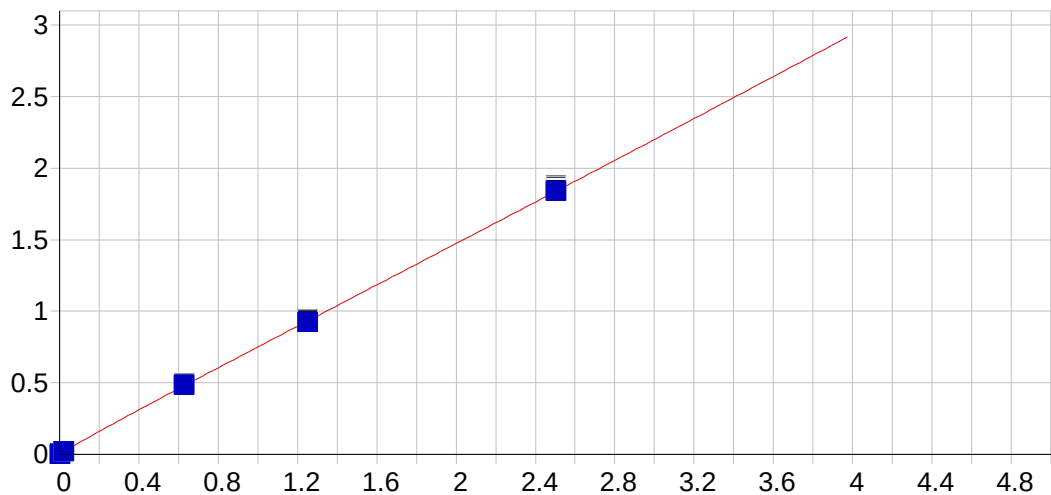
Weighting: 1/Conc

A0 (Offset): 0.000065
 A1 (Gain): 1.218807
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832
 Std Error of Est: 0.000469
 Predicted MDL: 0.000209
 Predicted MQL: 0.000697

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	.00006	.000	1
S1	.03000	.03465	.005	15.5	.04205	.000	1
S3	1.2500	1.2458	-.004	-.338	1.5196	.003	1
S4	2.5000	2.4389	-.061	-2.44	2.9750	.004	1
S5	5.0000	5.0607	.061	1.21	6.1728	.009	1

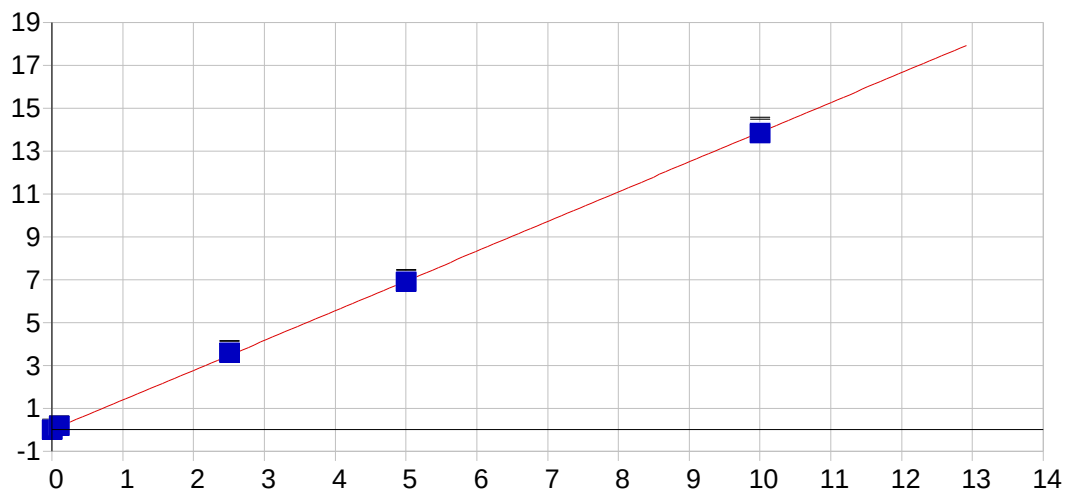


Cu 224.700 {450}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000374 Re-Slope: 1.000000
 A1 (Gain): 0.737140 Y-int: 0.000000
 A2 (Curvature): 0.013290
 n (Exponent): 0.950000
 Correlation: 0.999973 Status: Warning Positive Curvature
 Std Error of Est: 0.000116
 Predicted MDL: 0.000451
 Predicted MQL: 0.001504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.02000	.01939	-.001	-3.03	.01802	.000	1
S3	.62500	.63347	.008	1.35	.49114	.001	1
S4	1.2500	1.2383	-.012	-.935	.93832	.002	1
S5	2.5000	2.5038	.004	.152	1.8690	.004	1



Fe 240.488 {140}

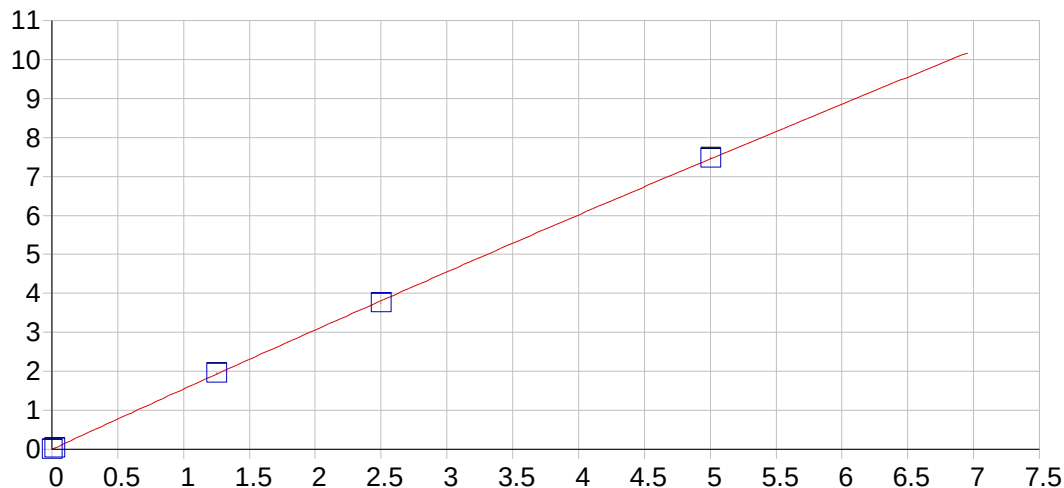
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000307 Re-Slope: 1.000000
 A1 (Gain): 1.388231 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781
 Std Error of Est: 0.001581
 Predicted MDL: 0.007849
 Predicted MQL: 0.026165

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00034	.004	1
S1	.10000	.12122	.021	21.2	.16865	.005	1
S3	2.5000	2.5802	.080	3.21	3.5991	.074	1
S4	5.0000	4.9566	-.043	-.869	6.9154	.080	1
S5	10.000	9.9420	-.058	-.580	13.871	.223	1



Mn 257.610 {131}

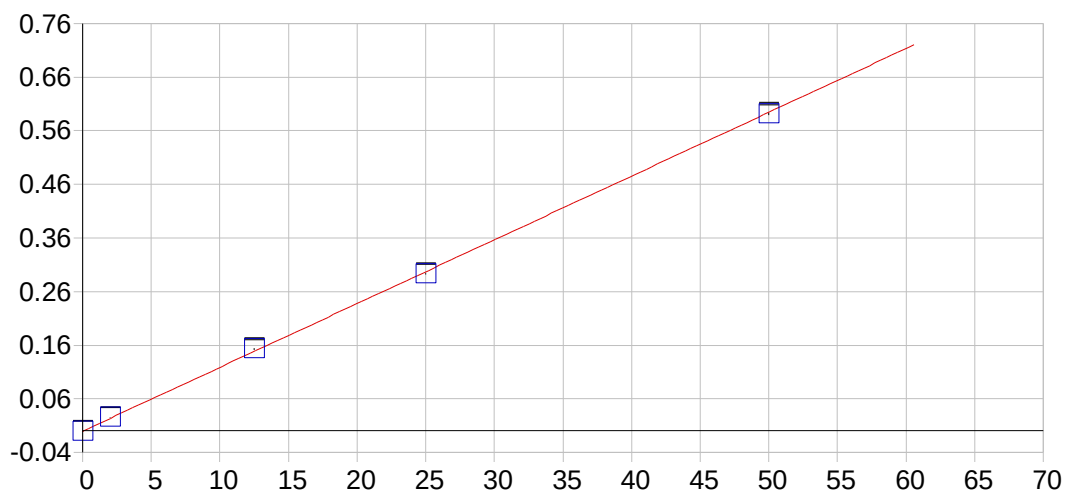
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000479
 A1 (Gain): 1.558430
 A2 (Curvature): -0.013773
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000429
 Predicted MDL: 0.000054
 Predicted MQL: 0.000179

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	.00047	.000	1
S1	.02000	.02340	.003	17.0	.03694	.000	1
S3	1.2500	1.2711	.021	1.68	1.9591	.003	1
S4	2.5000	2.4606	-.039	-1.57	3.7518	.001	1
S5	5.0000	5.0150	.015	.300	7.4696	.011	1

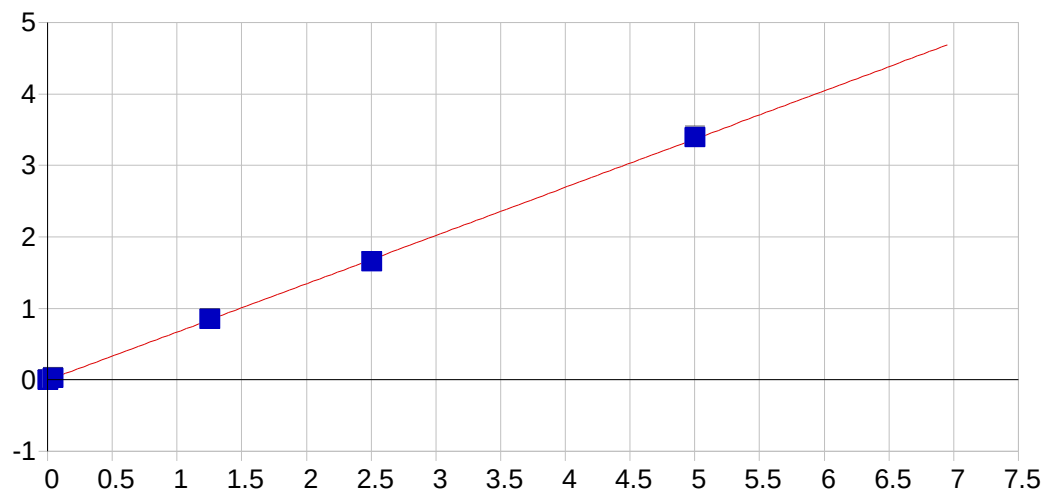


Mg 279.079 {121}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000360 Re-Slope: 1.000000
 A1 (Gain): 0.011897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.037004
 Predicted MQL: 0.123346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1697	.170	8.49	.02545	.001	1
S0	.00000	-.00020	-.000	.000	-.00036	.001	1
S3	12.500	12.892	.392	3.14	.15301	.002	1
S4	25.000	24.678	-.322	-1.29	.29322	.002	1
S5	50.000	49.760	-.240	-.479	.59162	.002	1



Ni 231.604 {445}

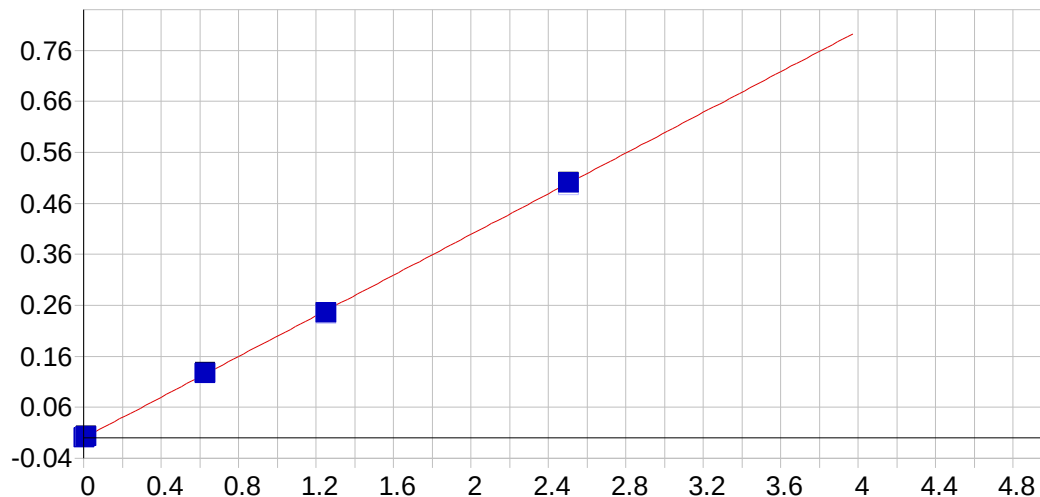
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005675 Re-Slope: 1.000000
 A1 (Gain): 0.674981 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000264
 Predicted MDL: 0.000398
 Predicted MQL: 0.001327

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00568	.000	1
S1	.04000	.04582	.006	14.6	.02527	.000	1
S3	1.2500	1.2630	.013	1.04	.84772	.000	1
S4	2.5000	2.4478	-.052	-2.09	1.6484	.002	1
S5	5.0000	5.0335	.033	.669	3.3955	.008	1



Ag 328.068 {103}

Date of Fit: 12/20/2018 15:23:07

Type of Fit: Linear

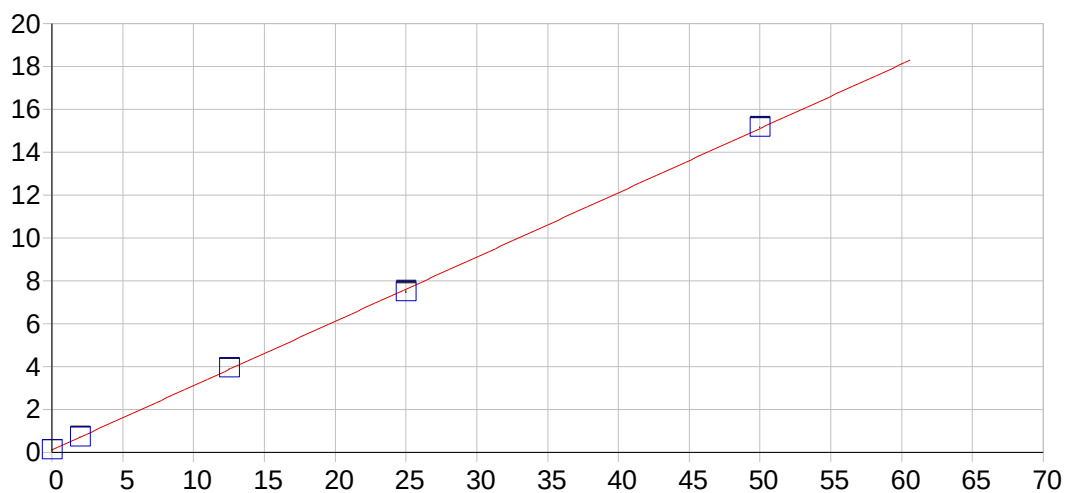
Weighting: 1/Conc

A0 (Offset): 0.000006
 A1 (Gain): 0.199546
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000025
 Predicted MDL: 0.000610
 Predicted MQL: 0.002032

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	.00001	.000	1
S1	.01000	.01142	.001	14.2	.00225	.000	1
S3	.62500	.63918	.014	2.27	.12614	.001	1
S4	1.2500	1.2272	-.023	-1.82	.24207	.000	1
S5	2.5000	2.5072	.007	.286	.49464	.001	1

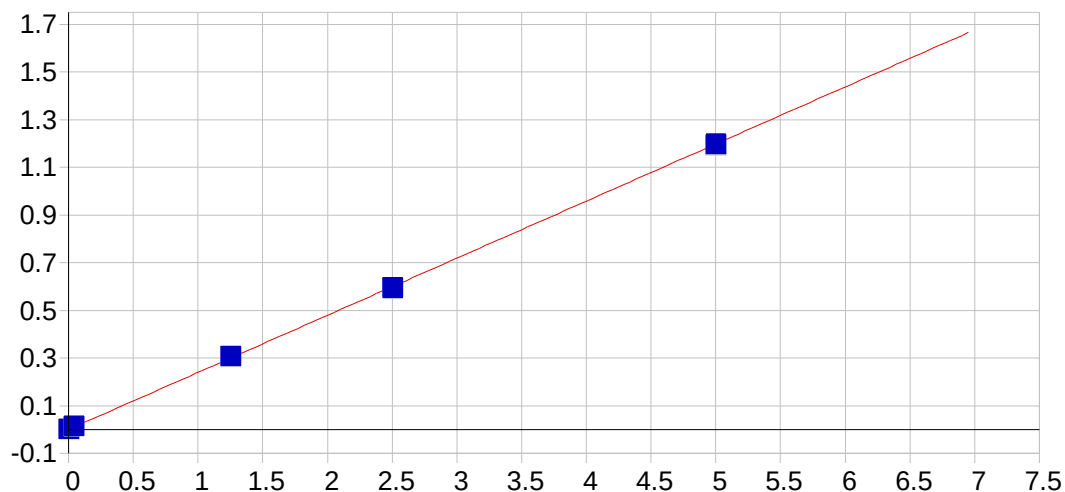


Na 589.592 { 57}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.115181 Re-Slope: 1.000000
 A1 (Gain): 0.299941 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.001919
 Predicted MDL: 0.009570
 Predicted MQL: 0.031900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0456	.046	2.28	.72874	.008	1
S0	.00000	-.00005	-.000	.000	.11516	.001	1
S3	12.500	12.723	.223	1.79	3.9315	.009	1
S4	25.000	24.586	-.414	-1.65	7.4897	.049	1
S5	50.000	50.144	.144	.289	15.156	.029	1



V 292.402 {115}

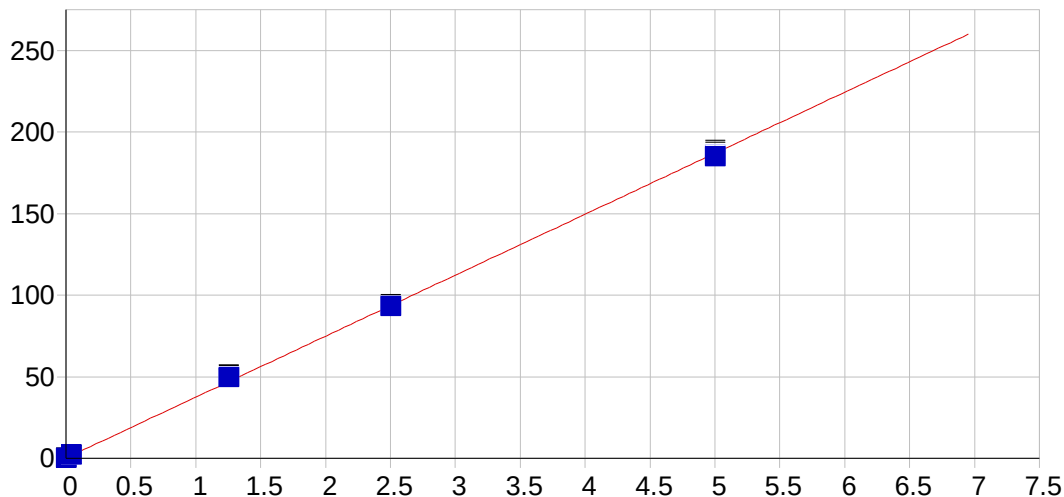
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.239569 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849
 Std Error of Est: 0.000100
 Predicted MDL: 0.000451
 Predicted MQL: 0.001504

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04830	.008	20.8	.01132	.000	1
S3	1.2500	1.2775	.028	2.20	.30400	.000	1
S4	2.5000	2.4741	-.026	-1.04	.58869	.001	1
S5	5.0000	4.9902	-.010	-.197	1.1876	.002	1



Zn 206.200 {163}

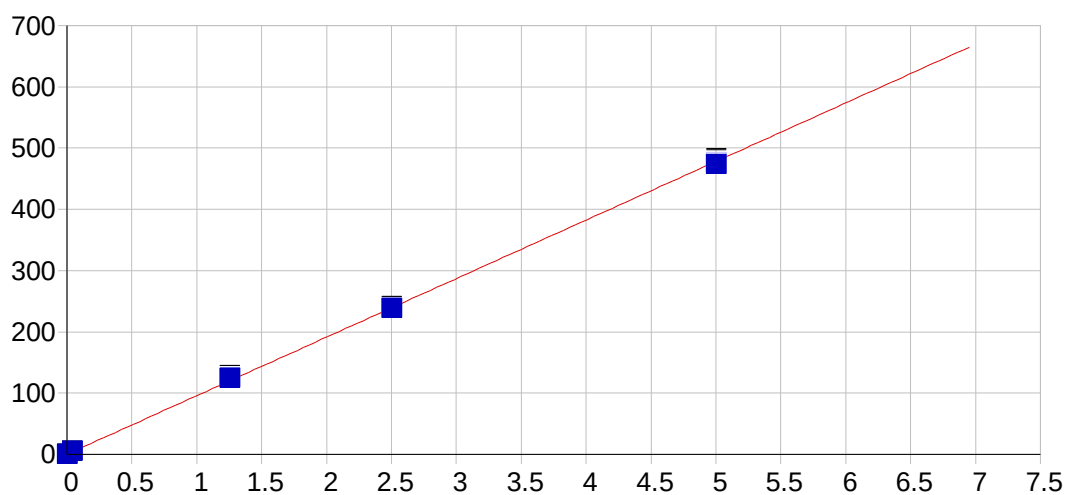
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.108006
 A1 (Gain): 37.379074
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625
 Std Error of Est: 0.024923
 Predicted MDL: 0.000399
 Predicted MQL: 0.001331

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	.10763	.009	1
S1	.04000	.04853	.009	21.3	1.9319	.023	1
S3	1.2500	1.3204	.070	5.63	49.745	1.19	1
S4	2.5000	2.4837	-.016	-.652	93.511	.681	1
S5	5.0000	4.9374	-.063	-1.25	185.79	2.76	1

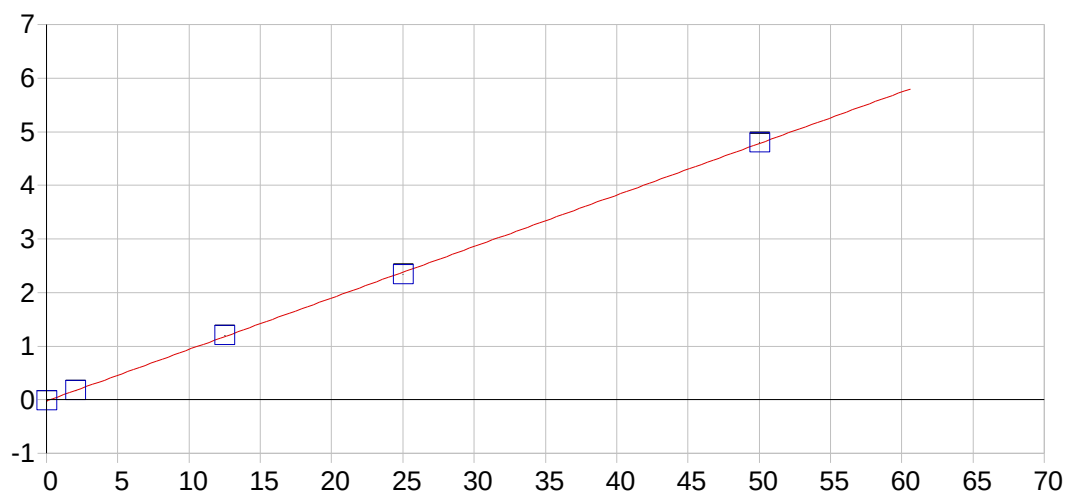


Zn 213.856 {458}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.194114 Re-Slope: 1.000000
 A1 (Gain): 95.595504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.052404
 Predicted MDL: 0.000078
 Predicted MQL: 0.000259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.19323	.016	1
S1	.04000	.04813	.008	20.3	4.8200	.035	1
S3	1.2500	1.3037	.054	4.30	125.55	3.25	1
S4	2.5000	2.4876	-.012	-.496	239.44	2.26	1
S5	5.0000	4.9505	-.049	-.989	476.33	6.75	1



K 766.490 {44}

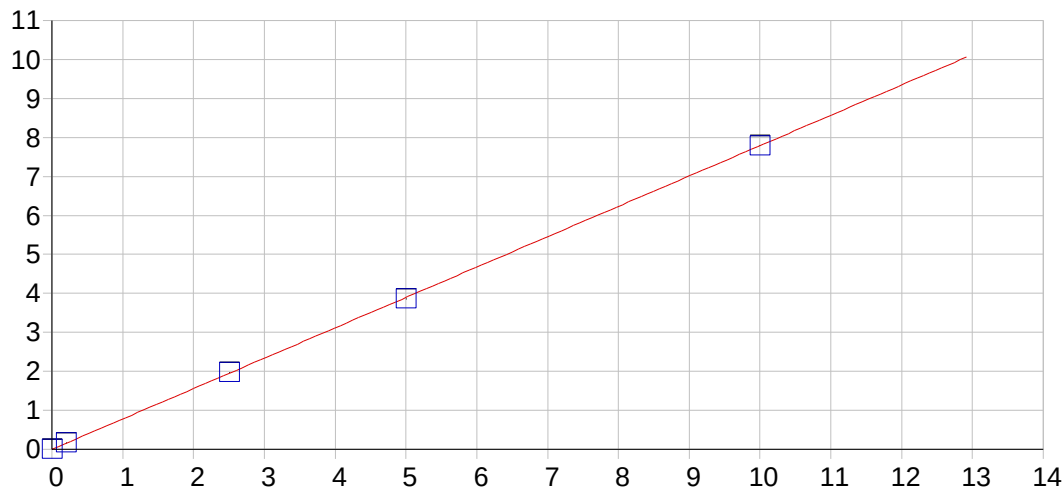
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.024322 Re-Slope: 1.000000
 A1 (Gain): 0.096077 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000622
 Predicted MDL: 0.034201
 Predicted MQL: 0.114003

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0417	.042	2.09	.17184	.002	1
S0	.00000	-.00005	-.000	.000	-.02433	.001	1
S3	12.500	12.726	.226	1.81	1.1983	.004	1
S4	25.000	24.577	-.423	-1.69	2.3370	.008	1
S5	50.000	50.155	.155	.310	4.7944	.013	1



Mo 202.030 {467}

Date of Fit: 12/20/2018 15:23:07

Type of Fit: Linear

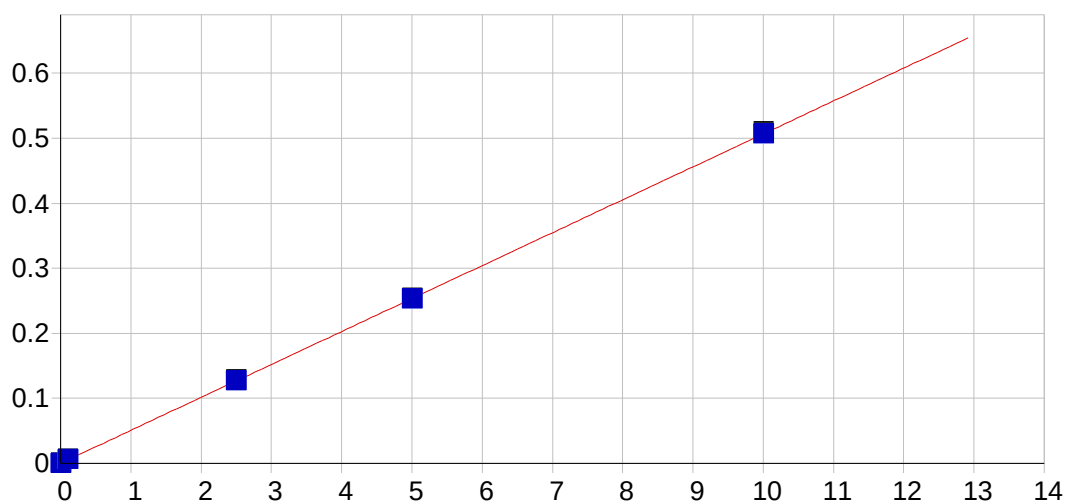
Weighting: 1/Conc

A0 (Offset): 0.000204
 A1 (Gain): 0.778969
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000613
 Predicted MDL: 0.000256
 Predicted MQL: 0.000852

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	.00019	.000	1
S1	.20000	.21427	.014	7.14	.16712	.001	1
S3	2.5000	2.5319	.032	1.28	1.9725	.001	1
S4	5.0000	4.9534	-.047	-.931	3.8588	.005	1
S5	10.000	10.000	.000	.004	7.7902	.004	1

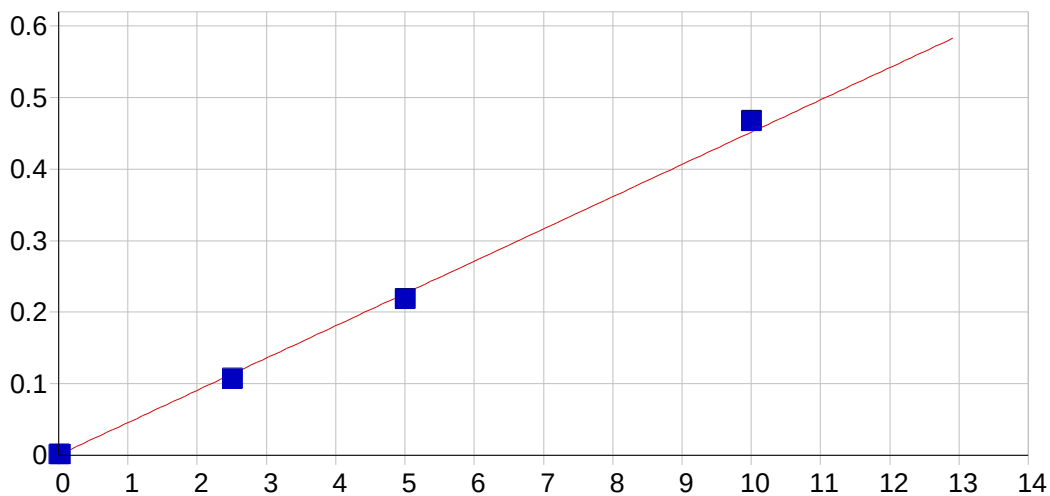


B 249.678 {135}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.050643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.007531
 Predicted MQL: 0.025103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00024	.000	1
S1	.10000	.10888	.009	8.88	.00574	.000	1
S3	2.5000	2.4999	-.000	-.004	.12655	.001	1
S4	5.0000	4.9833	-.017	-.334	.25202	.001	1
S5	10.000	10.008	.008	.079	.50588	.003	1



S 182.034 {485}

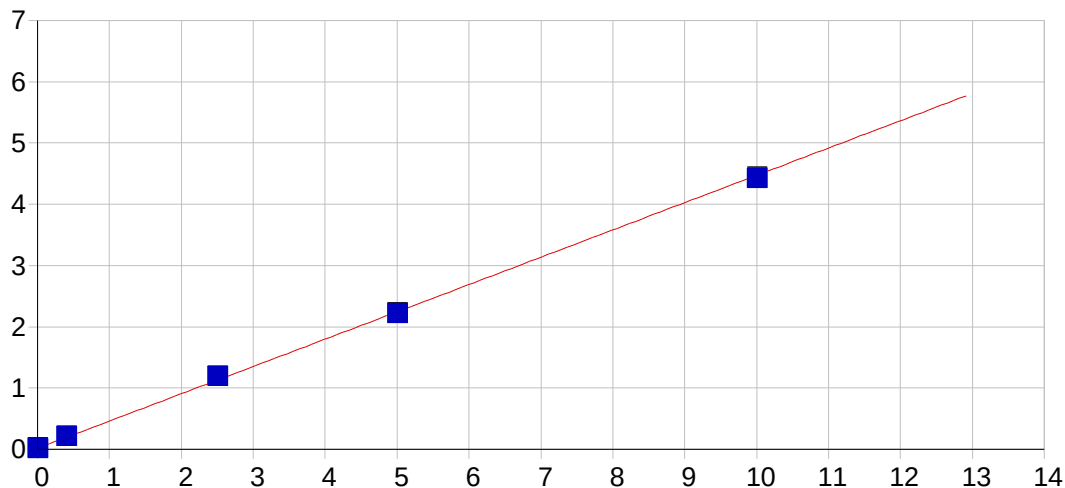
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000613 Re-Slope: 1.000000
 A1 (Gain): 0.045112 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999180
 Std Error of Est: 0.000044
 Predicted MDL: 0.002744
 Predicted MQL: 0.009146

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00061	.000	1
S1	.02000	.01299	-.007	-35.0	.00117	.000	1
S3	2.5000	2.3558	-.144	-5.77	.10676	.000	1
S4	5.0000	4.8166	-.183	-3.67	.21765	.001	1
S5	10.000	10.334	.334	3.34	.46632	.001	1



Si 288.158 {117}

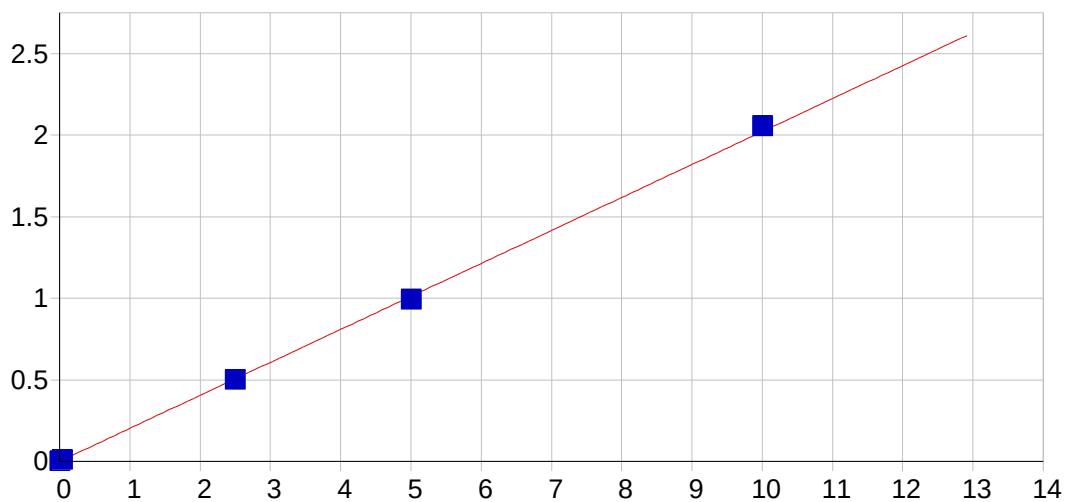
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015458
 A1 (Gain): 0.445701
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621
 Std Error of Est: 0.001339
 Predicted MDL: 0.002403
 Predicted MQL: 0.008009

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	-.00005	-.000	.000	.01543	.000	1
S1	.40000	.44124	.041	10.3	.21197	.001	1
S3	2.5000	2.6344	.134	5.38	1.1890	.006	1
S4	5.0000	4.9342	-.066	-1.32	2.2135	.015	1
S5	10.000	9.8901	-.110	-1.10	4.4211	.020	1

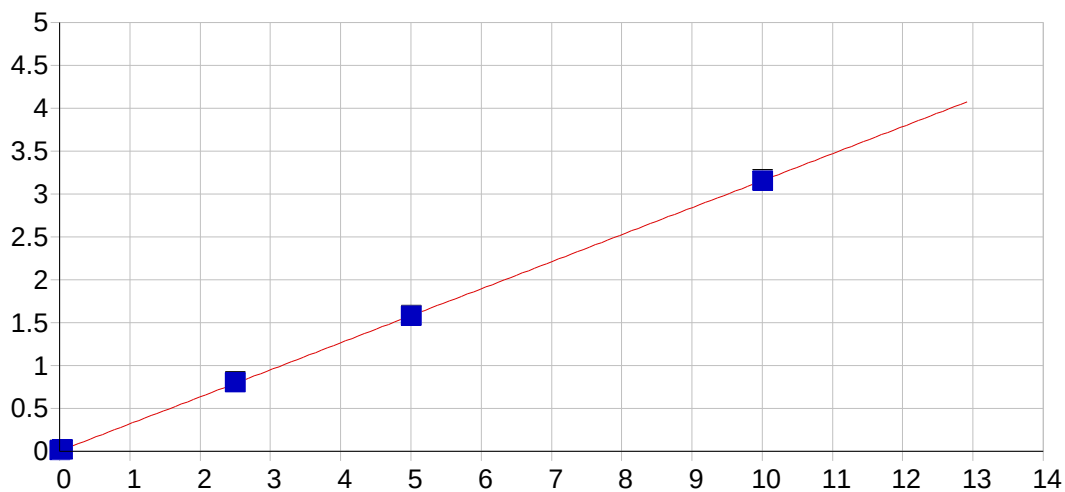


Sn 189.989 {477}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000621 Re-Slope: 1.000000
 A1 (Gain): 0.202107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000628
 Predicted MQL: 0.002093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00062	.000	1
S1	.04000	.04184	.002	4.61	.00908	.000	1
S3	2.5000	2.4563	-.044	-1.75	.49714	.001	1
S4	5.0000	4.8980	-.102	-2.04	.99072	.000	1
S5	10.000	10.144	.144	1.44	2.0511	.006	1



Ti 336.121 {100}

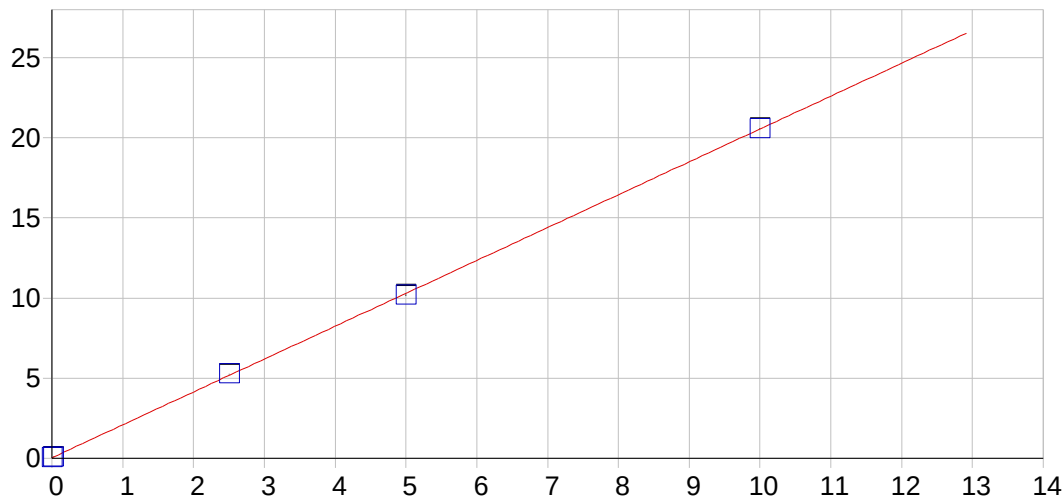
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004642 Re-Slope: 1.000000
 A1 (Gain): 0.315103 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000046
 Predicted MDL: 0.001905
 Predicted MQL: 0.006348

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00464	.000	1
S1	.04000	.04242	.002	6.05	.01800	.000	1
S3	2.5000	2.5182	.018	.730	.79805	.006	1
S4	5.0000	4.9879	-.012	-.242	1.5761	.007	1
S5	10.000	9.9914	-.009	-.086	3.1526	.010	1



Li 670.784 { 50}

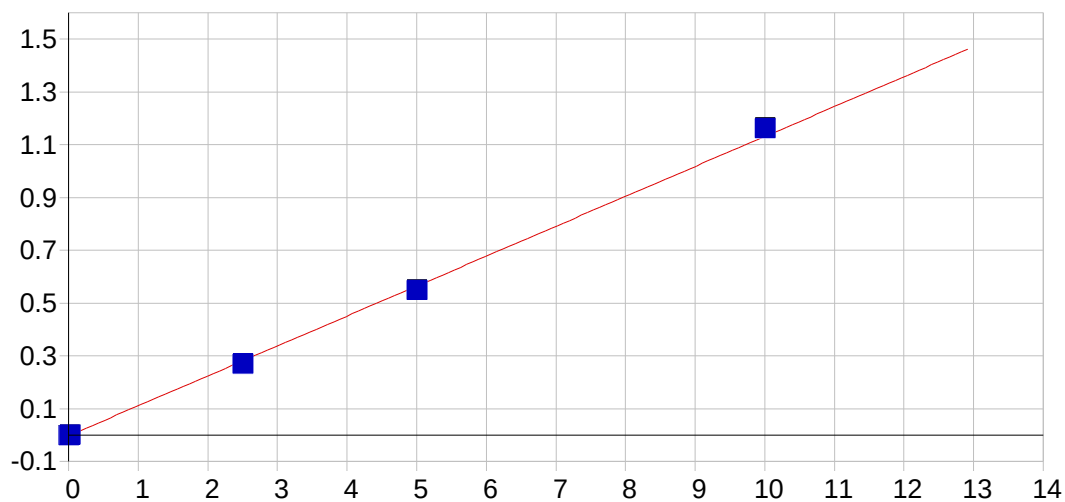
Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038402
 A1 (Gain): 2.051529
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000457
 Predicted MDL: 0.001494
 Predicted MQL: 0.004979

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	.03840	.002	1
S1	.02000	.01872	-.001	-6.42	.07680	.004	1
S3	2.5000	2.5418	.042	1.67	5.2529	.013	1
S4	5.0000	4.9417	-.058	-1.17	10.176	.032	1
S5	10.000	10.018	.018	.179	20.590	.026	1

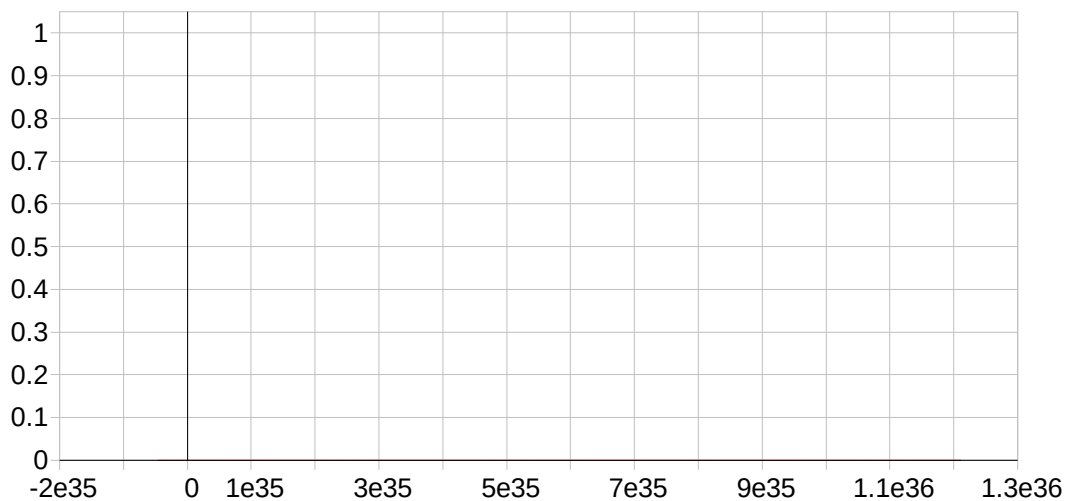


P 177.495 {490}

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002713 Re-Slope: 1.000000
 A1 (Gain): 0.113375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999536 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.001269
 Predicted MQL: 0.004229

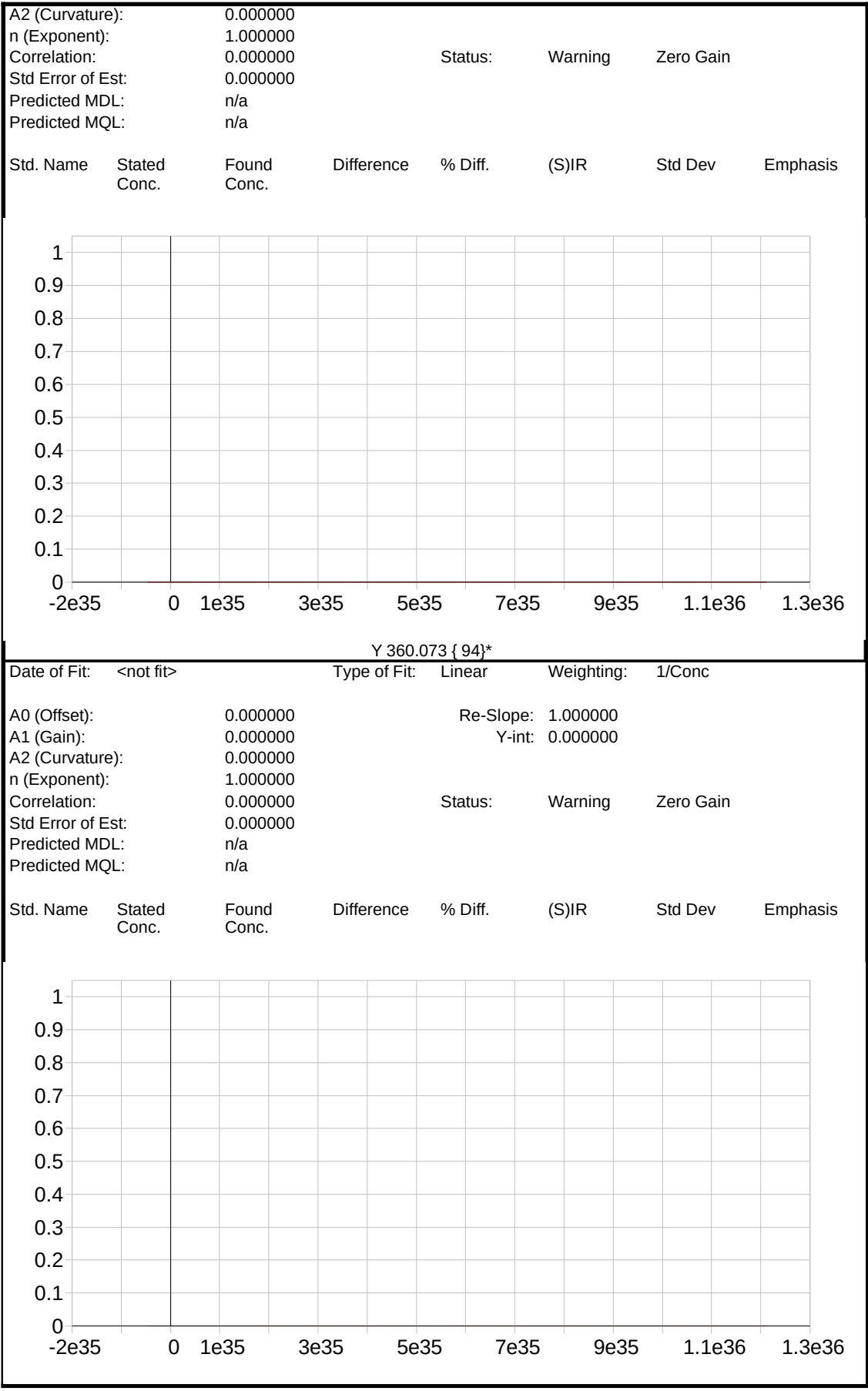
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00271	.000	1
S1	.02000	.01856	-.001	-7.22	-.00062	.000	1
S3	2.5000	2.3828	-.117	-4.69	.26703	.000	1
S4	5.0000	4.8597	-.140	-2.81	.54744	.001	1
S5	10.000	10.259	.259	2.59	1.1588	.003	1

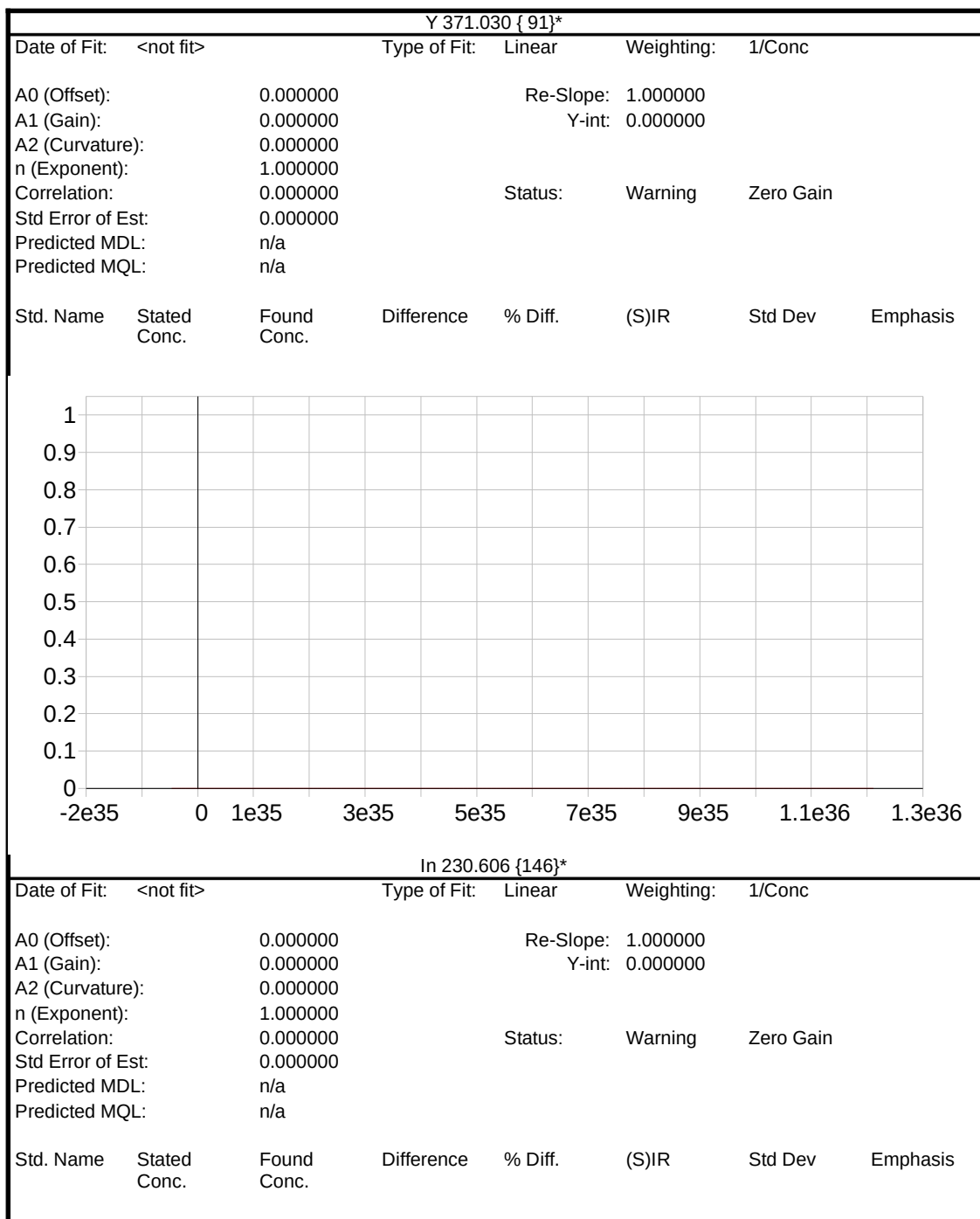


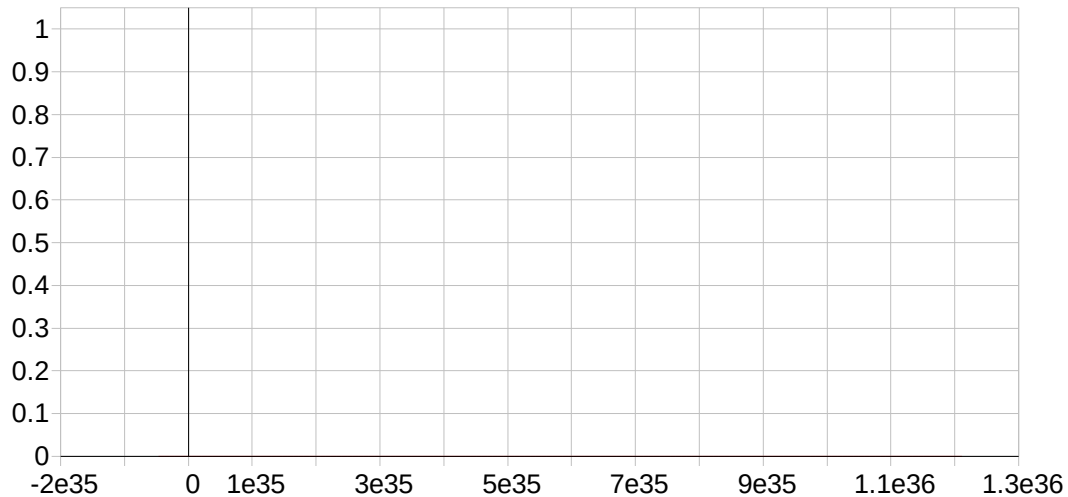
Y 224.306 {450}*

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

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



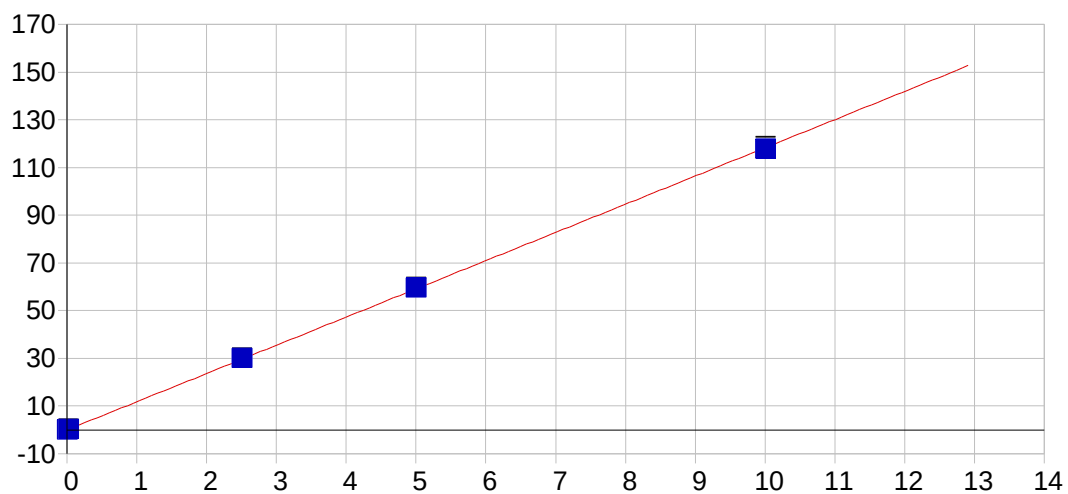




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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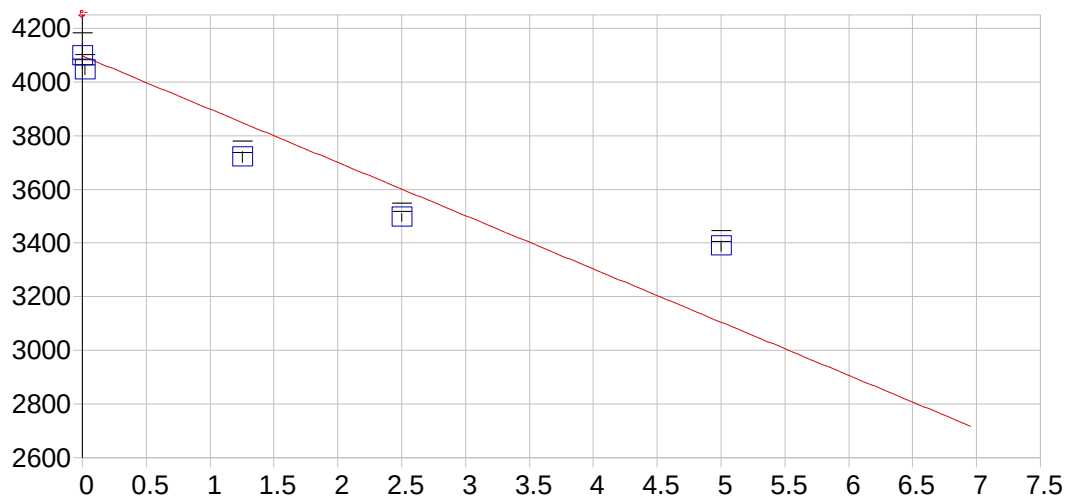


Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005909 Re-Slope: 1.000000
 A1 (Gain): 11.825462 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.002153
 Predicted MDL: 0.000096

Predicted MQL: 0.000319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00593	.001	1
S1	.02000	.02162	.002	8.09	.25103	.001	1
S3	2.5000	2.5338	.034	1.35	29.990	.080	1
S4	5.0000	5.0210	.021	.420	59.435	.184	1
S5	10.000	9.9435	-.056	-.565	117.71	1.03	1

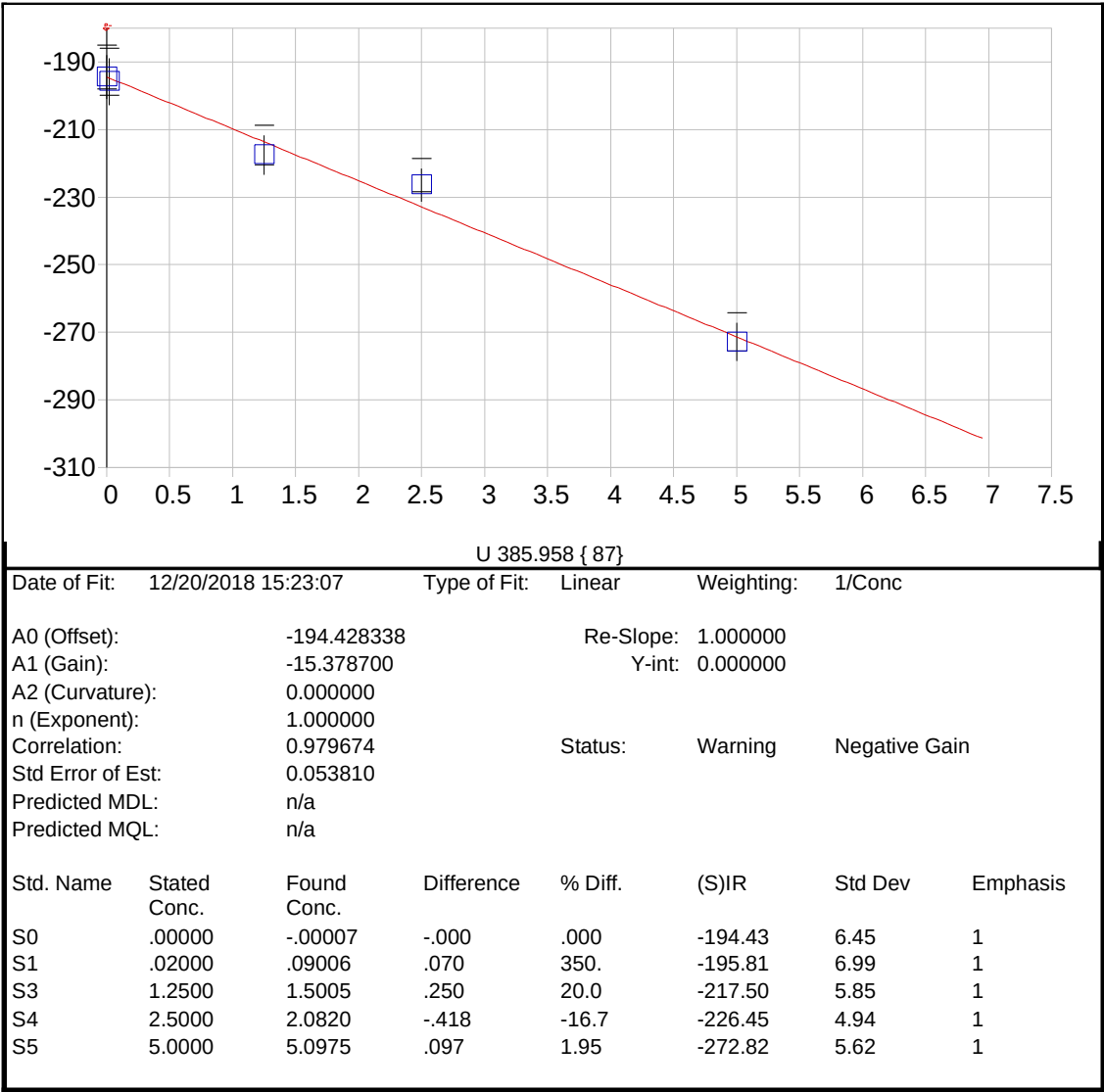


U 367.007 { 92 }

Date of Fit: 12/20/2018 15:23:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4097.210609 Re-Slope: 1.000000
A1 (Gain): -198.378202 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.833732 Status: Warning Negative Gain
Std Error of Est: 2.245161
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	-.000	.000	4097.3	49.0	1
S1	.02000	.26438	.244	1220.	4044.8	19.8	1
S3	1.2500	1.8985	.649	51.9	3720.6	22.4	1
S4	2.5000	3.0336	.534	21.3	3495.4	15.8	1
S5	5.0000	3.5735	-1.43	-28.5	3388.3	19.6	1



Sample Name: S0 Acquired: 12/20/2018 11:43:31 Type: Cal
Method: P4-ICP2(v2673) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00004	-.00058	.00307	-.00010	.00031	-.00003	.08291	.00009
Stddev	.00009	.00013	.00034	.00016	.00029	.00006	.00185	.00003
%RSD	220.75	23.068	10.995	149.11	93.367	192.49	2.2334	29.764
#1	-.00001	-.00043	.00325	-.00022	.00045	.00000	.08440	.00009
#2	.00003	-.00068	.00328	-.00016	-.00002	.00000	.08084	.00007
#3	-.00014	-.00064	.00268	.00007	.00049	-.00010	.08350	.00012
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	-.00089	-.00005	.00003	.00006	.00037	-.00034	.00047	-.00036
Stddev	.00008	.00046	.00003	.00020	.00002	.00377	.00010	.00064
%RSD	8.5171	970.49	122.56	331.63	4.8434	1113.0	21.294	177.10
#1	-.00091	.00047	.00006	.00020	.00038	-.00423	.00037	.00037
#2	-.00095	-.00021	-.00000	.00015	.00039	-.00009	.00049	-.00064
#3	-.00081	-.00040	.00002	-.00017	.00036	.00330	.00057	-.00082
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	-.00568	.00001	.11516	-.00010	.19323	-.02433	.00019	.00024
Stddev	.00010	.00004	.00143	.00012	.01618	.00131	.00009	.00015
%RSD	1.7837	673.54	1.2433	116.98	8.3735	5.3719	47.584	62.842
#1	-.00564	-.00002	.11510	-.00018	.20915	-.02518	.00024	.00021
#2	-.00561	.00005	.11377	.00004	.19373	-.02282	.00025	.00011
#3	-.00579	-.00002	.11663	-.00017	.17681	-.02498	.00009	.00041
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	.00061	.01543	.00062	.00464	.03840	-.0027	-.00593	4097.3
Stddev	.00003	.00047	.00004	.00020	.00169	.0001	.00099	49.0
%RSD	4.5022	3.0310	5.7244	4.2668	4.4102	3.621	16.630	1.1954
#1	.00064	.01579	.00058	.00480	.03903	-.0028	-.00615	4065.9
#2	.00062	.01490	.00065	.00442	.03649	-.0027	-.00679	4153.7
#3	.00058	.01561	.00064	.00471	.03970	-.0027	-.00485	4072.1

Sample Name: S0 Acquired: 12/20/2018 11:43:31 Type: Cal
 Method: P4-ICP2(v2673) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-194.43
Stddev	6.45
%RSD	3.3182

#1	-201.02
#2	-194.14
#3	-188.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.2	42906.	3710.5	92.108	3661.3
Stddev	4.4	118.	35.1	1.371	5.6
%RSD	.14178	.27573	.94482	1.4887	.15375

#1	3111.6	42888.	3676.3	90.642	3655.3
#2	3116.6	43032.	3708.8	92.325	3662.4
#3	3120.4	42797.	3746.3	93.358	3666.4

Sample Name: S1 Acquired: 12/20/2018 11:47:58 Type: Cal
Method: P4-ICP2(v2673) 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	.00149	.00751	.00712	.00128	.00994	.00089	.68135	.00754
Stddev	.00012	.00002	.00007	.00021	.00042	.00009	.00609	.00011
%RSD	8.2346	.28607	.91842	16.622	4.2127	10.506	.89309	1.4427

#1	.00140	.00751	.00709	.00147	.00958	.00084	.67486	.00757
#2	.00144	.00753	.00708	.00105	.01040	.00100	.68692	.00742
#3	.00163	.00748	.00720	.00134	.00985	.00083	.68228	.00764

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	.02064	.00259	.04205	.01802	.16865	.03694	.02527	.00225
Stddev	.00011	.00003	.00021	.00026	.00525	.00009	.00025	.00006
%RSD	.54002	1.1151	.50526	1.4534	3.1136	.24793	.98166	2.5891

#1	.02051	.00261	.04197	.01785	.17467	.03691	.02546	.00221
#2	.02067	.00256	.04229	.01789	.16625	.03686	.02536	.00231
#3	.02073	.00260	.04189	.01832	.16502	.03704	.02499	.00221

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	.01132	4.8200	.16712	.00574	.00117	.21197	.00908	.01800
Stddev	.00005	.0349	.00088	.00030	.00004	.00142	.00010	.00023
%RSD	.44767	.72448	.52690	5.2868	3.1611	.66931	1.1244	1.2557

#1	.01137	4.8154	.16611	.00608	.00117	.21076	.00896	.01826
#2	.01132	4.7876	.16754	.00560	.00121	.21353	.00916	.01786
#3	.01127	4.8570	.16771	.00552	.00113	.21162	.00911	.01789

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07680	-.0006	.25103	4044.8	-195.81
Stddev	.00392	.0000	.00107	19.8	6.99
%RSD	5.0987	7.620	.42621	.49012	3.5676

#1	.07305	-.0006	.25016	4055.7	-191.17
#2	.07650	-.0007	.25069	4021.9	-203.85
#3	.08086	-.0006	.25222	4056.7	-192.42

Sample Name: S1 Acquired: 12/20/2018 11:47:58 Type: Cal
Method: P4-ICP2(v2673) 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	3127.0	42968.	3761.5	92.697	3639.4
Stddev	5.7	81.	19.7	.787	2.8
%RSD	.18372	.18792	.52322	.84954	.07821
#1	3131.3	42884.	3738.8	92.700	3636.5
#2	3120.5	42974.	3773.7	93.483	3639.5
#3	3129.3	43045.	3772.0	91.908	3642.1

Sample Name: S2 Acquired: 12/20/2018 11:52:25 Type: Cal
Method: P4-ICP2(v2673) 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	.10351	.02545	.72874	.17184
Stddev	.00018	.00050	.00768	.00209
%RSD	.17641	1.9655	1.0544	1.2160

#1	.10344	.02580	.73758	.17399
#2	.10372	.02488	.72497	.16981
#3	.10338	.02567	.72368	.17172

Int. Std.	Y_3710
Units	Cts/S
Avg	3733.8
Stddev	26.2
%RSD	.70098

#1	3703.6
#2	3747.2
#3	3750.6

Sample Name: S3 Acquired: 12/20/2018 11:56:42 Type: Cal
Method: P4-ICP2(v2673) 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	.17002	.43096	.76666	.19249	.42119	.04052	26.544	.14340
Stddev	.00047	.00175	.00164	.00053	.00016	.00045	.015	.00004
%RSD	.27412	.40573	.21387	.27407	.03705	1.1012	.05466	.02821
#1	.17006	.43291	.76853	.19298	.42134	.04004	26.558	.14339
#2	.16953	.42953	.76595	.19254	.42103	.04092	26.529	.14344
#3	.17046	.43043	.76549	.19193	.42119	.04061	26.545	.14336
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	4.3378	.61270	.11688	1.5196	.49114	3.5991	1.9591	.15301
Stddev	.0124	.00548	.00047	.0027	.00079	.0739	.0025	.00183
%RSD	.28563	.89452	.40020	.17883	.16021	2.0526	.12860	1.1944
#1	4.3517	.60649	.11725	1.5226	.49203	3.6601	1.9619	.15090
#2	4.3278	.61476	.11635	1.5172	.49083	3.6202	1.9582	.15410
#3	4.3339	.61686	.11703	1.5191	.49055	3.5170	1.9571	.15404
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	.84772	.12614	3.9315	.30400	125.55	1.1983	1.9725	.12655
Stddev	.00045	.00084	.0093	.00020	3.25	.0037	.0014	.00113
%RSD	.05320	.66739	.23666	.06680	2.5876	.31048	.07062	.89675
#1	.84772	.12523	3.9239	.30378	129.19	1.1940	1.9731	.12561
#2	.84726	.12690	3.9419	.30417	124.49	1.2004	1.9734	.12781
#3	.84817	.12628	3.9286	.30406	122.96	1.2006	1.9709	.12622
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	.10676	1.1890	.49714	.79805	5.2529	.2670	29.990	3720.6
Stddev	.00035	.0062	.00138	.00607	.0126	.0003	.080	22.4
%RSD	.32873	.52496	.27684	.76096	.24025	.1092	.26753	.60159
#1	.10715	1.1889	.49794	.79126	5.2478	.2673	29.901	3694.7
#2	.10666	1.1829	.49555	.80298	5.2436	.2667	30.014	3733.9
#3	.10647	1.1953	.49793	.79990	5.2673	.2671	30.056	3733.1

Sample Name: S3 Acquired: 12/20/2018 11:56:42 Type: Cal
Method: P4-ICP2(v2673) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-217.50
Stddev	5.85
%RSD	2.6899

#1	-211.22
#2	-222.79
#3	-218.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.0	41359.	3732.5	89.000	3353.5
Stddev	3.7	187.	20.8	2.177	.8
%RSD	.12341	.45182	.55801	2.4465	.02365

#1	3023.5	41175.	3708.5	86.565	3352.6
#2	3016.1	41354.	3746.0	89.674	3353.7
#3	3020.6	41549.	3743.0	90.761	3354.1

Sample Name: S4 Acquired: 12/20/2018 12:00:43 Type: Cal
Method: P4-ICP2(v2673) 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	.33279	.83663	1.4933	.37531	.82065	.07892	51.427	.27667
Stddev	.00047	.00249	.0034	.00110	.00058	.00069	.270	.00008
%RSD	.14119	.29792	.23048	.29405	.07124	.87662	.52458	.02999

#1	.33332	.83579	1.4971	.37536	.82132	.07818	51.685	.27660
#2	.33243	.83943	1.4925	.37639	.82040	.07954	51.147	.27666
#3	.33262	.83466	1.4903	.37418	.82024	.07904	51.448	.27676

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	8.5189	1.1853	.22653	2.9750	.93832	6.9154	3.7518	.29322
Stddev	.0131	.0055	.00031	.0042	.00213	.0804	.0007	.00157
%RSD	.15371	.46266	.13836	.14213	.22680	1.1631	.01873	.53393

#1	8.5295	1.1879	.22646	2.9752	.93887	6.9421	3.7516	.29190
#2	8.5229	1.1890	.22625	2.9792	.94012	6.9792	3.7512	.29495
#3	8.5042	1.1790	.22687	2.9707	.93597	6.8251	3.7526	.29281

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	1.6484	.24207	7.4897	.58869	239.44	2.3370	3.8588	.25202
Stddev	.0024	.00029	.0493	.00091	2.26	.0078	.0055	.00101
%RSD	.14366	.11777	.65848	.15469	.94389	.33518	.14111	.39983

#1	1.6497	.24239	7.5416	.58957	240.90	2.3413	3.8617	.25127
#2	1.6497	.24197	7.4434	.58876	240.59	2.3279	3.8621	.25316
#3	1.6456	.24185	7.4841	.58775	236.84	2.3417	3.8525	.25161

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	.21765	2.2135	.99072	1.5761	10.176	.5474	59.435	3495.4
Stddev	.00065	.0151	.00042	.0067	.032	.0012	.184	15.8
%RSD	.29993	.68225	.04275	.42354	.31840	.2146	.30915	.45190

#1	.21725	2.2306	.99072	1.5792	10.209	.5487	59.602	3492.0
#2	.21840	2.2019	.99115	1.5807	10.144	.5472	59.238	3481.6
#3	.21729	2.2079	.99030	1.5685	10.176	.5464	59.464	3512.6

Sample Name: S4 Acquired: 12/20/2018 12:00:43 Type: Cal
 Method: P4-ICP2(v2673) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-226.45
Stddev	4.94
%RSD	2.1818

#1	-225.00
#2	-231.95
#3	-222.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2958.5	40388.	3676.7	87.968	3209.8
Stddev	6.3	63.	20.3	.921	8.7
%RSD	.21281	.15685	.55302	1.0475	.27004

#1	2952.8	40405.	3653.3	87.411	3205.0
#2	2957.3	40318.	3686.3	87.462	3204.5
#3	2965.2	40441.	3690.4	89.032	3219.8

Sample Name: S5 Acquired: 12/20/2018 12:04:45 Type: Cal
Method: P4-ICP2(v2673) 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	.68165	1.6947	3.0853	.76286	1.6783	.16224	103.77	.56037
Stddev	.00139	.0031	.0057	.00290	.0041	.00082	1.24	.00158
%RSD	.20356	.18282	.18356	.37975	.24254	.50338	1.1974	.28156
#1	.68311	1.6962	3.0864	.76587	1.6830	.16137	105.20	.56165
#2	.68035	1.6968	3.0903	.76263	1.6766	.16299	102.94	.55860
#3	.68151	1.6911	3.0791	.76009	1.6754	.16238	103.18	.56085
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	17.637	2.3617	.45312	6.1728	1.8690	13.871	7.4696	.59162
Stddev	.036	.0052	.00047	.0093	.0038	.223	.0106	.00240
%RSD	.20587	.21910	.10431	.15037	.20459	1.6076	.14161	.40524
#1	17.649	2.3564	.45361	6.1743	1.8733	14.061	7.4810	.59282
#2	17.665	2.3618	.45309	6.1813	1.8661	13.927	7.4602	.58886
#3	17.596	2.3668	.45266	6.1629	1.8677	13.626	7.4676	.59317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3955	.49464	15.156	1.1876	476.33	4.7944	7.7902	.50588
Stddev	.0082	.00062	.029	.0024	6.75	.0128	.0044	.00257
%RSD	.24247	.12635	.19309	.19782	1.4173	.26670	.05701	.50709
#1	3.3994	.49536	15.172	1.1902	483.00	4.8032	7.7950	.50307
#2	3.4010	.49421	15.122	1.1856	476.51	4.7797	7.7893	.50809
#3	3.3860	.49435	15.173	1.1869	469.50	4.8002	7.7863	.50649
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	.46632	4.4211	2.0511	3.1526	20.590	1.159	117.71	3388.3
Stddev	.00091	.0199	.0064	.0098	.026	.003	1.03	19.6
%RSD	.19436	.44934	.31277	.30945	.12594	.2222	.87402	.57980
#1	.46652	4.4350	2.0513	3.1623	20.605	1.161	118.61	3409.7
#2	.46710	4.3984	2.0575	3.1428	20.560	1.159	116.59	3371.1
#3	.46532	4.4300	2.0446	3.1526	20.606	1.156	117.94	3384.2

Sample Name: S5 Acquired: 12/20/2018 12:04:45 Type: Cal
Method: P4-ICP2(v2673) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-272.82
Stddev	5.62
%RSD	2.0604

#1	-266.95
#2	-278.15
#3	-273.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.4	39459.	3655.7	86.717	3005.2
Stddev	3.6	83.	16.2	1.221	4.4
%RSD	.12494	.20967	.44354	1.4080	.14742

#1	2859.5	39438.	3637.1	85.473	3004.1
#2	2866.5	39390.	3667.3	86.763	3001.4
#3	2864.1	39551.	3662.5	87.914	3010.1

Sample Name: ICV01 Acquired: 12/20/2018 12:18:18 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99012	1.0272	.99116	.99686	.98739	2.5582	.51785
Stddev	.00530	.0014	.00151	.00224	.00353	.0132	.00451
%RSD	.53517	.13255	.15260	.22503	.35752	.51653	.87183

#1	.99051	1.0264	.98969	.99491	.99073	2.5440	.51890
#2	.99522	1.0263	.99107	.99931	.98774	2.5605	.52176
#3	.98464	1.0287	.99271	.99636	.98370	2.5701	.51291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48895	.48070	10.470	.51048	.49651	.50819	4.9526
Stddev	.00025	.00144	.080	.00163	.00112	.00240	.0140
%RSD	.05044	.30019	.76043	.31915	.22476	.47139	.28329

#1	.48872	.48205	10.395	.50927	.49523	.50946	4.9574
#2	.48892	.48086	10.554	.50983	.49727	.50968	4.9368
#3	.48921	.47917	10.461	.51233	.49703	.50542	4.9636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50489	6.1667	.49629	.50839	9.9256	.50109	1.0137
Stddev	.00054	.0306	.00058	.00032	.0718	.00053	.0034
%RSD	.10677	.49623	.11603	.06374	.72304	.10592	.33796

#1	.50448	6.1377	.49562	.50839	9.9736	.50054	1.0162
#2	.50550	6.1636	.49668	.50806	9.9601	.50160	1.0151
#3	.50468	6.1987	.49655	.50871	9.8431	.50113	1.0098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.128	2.5046	2.4667	F -.00556	2.4187	2.3850	2.4913
Stddev	.025	.0116	.0139	.00104	.0162	.0010	.0050
%RSD	.24444	.46321	.56198	18.616	.67113	.04225	.20160

#1	10.153	2.5151	2.4585	-.00437	2.4167	2.3853	2.4867
#2	10.103	2.5065	2.4590	-.00617	2.4358	2.3839	2.4967
#3	10.128	2.4922	2.4827	-.00615	2.4036	2.3859	2.4904

Sample Name: ICV01 Acquired: 12/20/2018 12:18:18 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00373	F -.0011	F .00669	F 2.6120	F 1.2730
Stddev	.00122	.0007	.00005	.0476	.1707
%RSD	32.622	61.95	.78172	1.8207	13.411
#1	-.00506	-.0003	.00671	2.6170	1.4008
#2	-.00267	-.0013	.00673	2.5621	1.3390
#3	-.00345	-.0016	.00663	2.6568	1.0791
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.9	41536.	3730.7	92.065	3456.0
Stddev	24.4	14.	29.2	.521	20.2
%RSD	.80771	.03488	.78154	.56611	.58521
#1	2998.2	41539.	3712.0	91.618	3437.1
#2	3018.0	41550.	3715.7	91.940	3453.6
#3	3046.7	41521.	3764.3	92.638	3477.3

Sample Name: LLICV01 Acquired: 12/20/2018 12:22:26 Type: Unk
Method: P4-ICP2(v2673) 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	.02047	.04753	.01281	.02047	.05942	.10276	.11658
Stddev	.00146	.00074	.00044	.00236	.00127	.00410	.00028
%RSD	7.1520	1.5672	3.4038	11.519	2.1334	3.9943	.24108

#1	.01919	.04797	.01303	.02251	.05847	.10278	.11653
#2	.02206	.04795	.01309	.01789	.05894	.10685	.11688
#3	.02016	.04667	.01231	.02102	.06086	.09864	.11633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00681	.00622	2.3114	.01152	.03497	.01882	.11293
Stddev	.00002	.00011	.0106	.00016	.00017	.00047	.01367
%RSD	.34703	1.7102	.45884	1.3670	.50013	2.4832	12.105

#1	.00679	.00627	2.3195	.01142	.03483	.01836	.10001
#2	.00684	.00610	2.3153	.01143	.03516	.01881	.12724
#3	.00681	.00630	2.2994	.01170	.03491	.01929	.11153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02370	2.3944	.04532	.01171	2.0880	.04739	.04721
Stddev	.00019	.0717	.00040	.00018	.0113	.00088	.00064
%RSD	.78895	2.9952	.88513	1.5500	.54259	1.8592	1.3613

#1	.02350	2.3909	.04562	.01164	2.0851	.04648	.04790
#2	.02387	2.4678	.04548	.01158	2.0783	.04745	.04711
#3	.02372	2.3245	.04486	.01192	2.1004	.04824	.04663

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1443	.21884	.11857	F .01058	.45248	.04333	.04380
Stddev	.0326	.00071	.00522	.00202	.00272	.00057	.00120
%RSD	1.5209	.32521	4.4011	19.055	.60032	1.3076	2.7345

#1	2.1372	.21859	.12148	.00997	.45551	.04335	.04453
#2	2.1158	.21829	.11254	.01283	.45169	.04275	.04446
#3	2.1799	.21964	.12167	.00894	.45025	.04388	.04242

Sample Name: LLICV01 Acquired: 12/20/2018 12:22:26 Type: Unk
 Method: P4-ICP2(v2673) 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	.01845	.0186	.02246	F 2.2029	F<.00000
Stddev	.00130	.0002	.00014	.1669	.18812
%RSD	7.0352	1.154	.64444	7.5784	101.69

#1	.01994	.0186	.02261	2.3844	-.00365
#2	.01782	.0188	.02244	2.1684	-.17211
#3	.01758	.0184	.02232	2.0559	-.37922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.6	42129.	3731.6	94.158	3624.3
Stddev	7.5	6.	18.3	1.244	5.9
%RSD	.24370	.01398	.49091	1.3207	.16147

#1	3059.5	42123.	3712.2	92.775	3617.6
#2	3073.2	42135.	3734.2	94.517	3628.0
#3	3061.2	42129.	3748.6	95.183	3627.3

Sample Name: ICB01 Acquired: 12/20/2018 12:26:53 Type: Unk
Method: P4-ICP2(v2673) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00021	-.00090	-.00238	.00085	-.01012	.00059
Stddev	.00113	.00068	.00118	.00107	.00136	.00427	.00074
%RSD	52.519	319.98	130.87	45.013	159.96	42.182	126.21

#1	.00315	.00026	.00032	-.00251	.00143	-.00520	.00142
#2	.00236	-.00099	-.00098	-.00125	-.00070	-.01285	-.00002
#3	.00093	.00010	-.00203	-.00337	.00181	-.01231	.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00003	-.00222	.00026	.00008	-.00035	.00479
Stddev	.00004	.00002	.01107	.00061	.00008	.00024	.00760
%RSD	195.56	53.172	498.87	240.61	103.01	68.061	158.81

#1	-.00004	-.00002	-.01444	.00052	-.00001	-.00057	.01244
#2	-.00004	-.00003	.00713	.00070	.00014	-.00039	.00468
#3	.00002	-.00005	.00066	-.00045	.00011	-.00010	-.00276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.03064	-.00017	.00011	-.20020	.00008	-.00090
Stddev	.00002	.03867	.00010	.00047	.01040	.00031	.00008
%RSD	87.943	126.20	59.948	440.51	5.1965	373.21	8.9241

#1	-.00003	.04854	-.00008	-.00041	-.19401	.00028	-.00083
#2	.00000	.05712	-.00015	.00052	-.21221	-.00027	-.00087
#3	-.00004	-.01373	-.00028	.00021	-.19437	.00024	-.00099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09533	-.00004	.00021	F -.01078	.00243	-.00044	.00029
Stddev	.03845	.00021	.00869	.00203	.00155	.00048	.00042
%RSD	40.339	530.21	4209.2	18.823	63.962	108.44	143.85

#1	-.05129	-.00010	-.00167	-.00850	.00303	.00010	.00032
#2	-.12228	-.00021	-.00739	-.01238	.00359	-.00082	.00069
#3	-.11240	.00019	.00968	-.01146	.00066	-.00061	-.00014

Sample Name: ICB01 Acquired: 12/20/2018 12:26:53 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00641	-.0022	.00002	F 2.4156	F<.00000
Stddev	.00078	.0005	.00005	.1179	.10666
%RSD	12.191	24.25	334.65	4.8808	35.872
#1	-.00589	-.0024	.00006	2.4543	-.39689
#2	-.00604	-.0016	-.00004	2.5093	-.31038
#3	-.00731	-.0026	.00003	2.2833	-.18476
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.8	42277.	3700.8	92.072	3646.9
Stddev	16.2	138.	24.6	.539	17.7
%RSD	.53102	.32579	.66528	.58554	.48502
#1	3041.8	42167.	3676.1	92.367	3635.8
#2	3064.3	42232.	3725.4	91.450	3667.3
#3	3073.4	42431.	3700.8	92.400	3637.6

Sample Name: CRI01 Acquired: 12/20/2018 12:31:22 Type: Unk
 Method: P4-ICP2(v2673) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01955	.04596	.01162	.02132	.05817	.10431	.11380
Stddev	.00152	.00109	.00025	.00268	.00110	.00244	.00086
%RSD	7.7545	2.3680	2.1627	12.564	1.8986	2.3383	.75488

#1	.01802	.04709	.01138	.01981	.05694	.10703	.11463
#2	.02105	.04588	.01159	.01974	.05849	.10358	.11292
#3	.01958	.04492	.01188	.02441	.05908	.10231	.11386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00601	2.2814	.01129	.03369	.01871	.11221
Stddev	.00003	.00007	.0056	.00020	.00023	.00013	.00296
%RSD	.52657	1.2124	.24466	1.7416	.67805	.68318	2.6416

#1	.00657	.00609	2.2749	.01109	.03360	.01864	.10935
#2	.00660	.00595	2.2845	.01131	.03353	.01864	.11527
#3	.00653	.00599	2.2847	.01148	.03396	.01886	.11202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02304	2.3233	.04404	.01108	2.0496	.04595	.05034
Stddev	.00006	.0600	.00014	.00061	.0096	.00034	.00077
%RSD	.26087	2.5806	.31322	5.5075	.46934	.73850	1.5367

#1	.02310	2.2600	.04388	.01169	2.0586	.04605	.05092
#2	.02303	2.3793	.04408	.01047	2.0508	.04557	.04946
#3	.02298	2.3307	.04414	.01110	2.0395	.04623	.05065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1113	.21227	.10437	F .03977	.43093	.04128	.04112
Stddev	.0456	.00030	.00604	.00369	.00350	.00015	.00325
%RSD	2.1599	.14253	5.7864	9.2777	.81124	.37232	7.9113

#1	2.1639	.21245	.09885	.03704	.43175	.04145	.03863
#2	2.0826	.21244	.11082	.03830	.42710	.04116	.03993
#3	2.0874	.21192	.10344	.04397	.43395	.04121	.04480

Sample Name: CRI01 Acquired: 12/20/2018 12:31:22 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01664	.0186	.02210	F 2.1345	F<.00000
Stddev	.00042	.0014	.00013	.3568	.92824
%RSD	2.5463	7.313	.60871	16.716	282.69
#1	.01636	.0201	.02194	2.3111	-.85838
#2	.01643	.0184	.02217	2.3685	-.87015
#3	.01713	.0174	.02218	1.7238	.74346
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.2	42478.	3720.9	93.275	3653.6
Stddev	5.1	264.	40.1	1.023	4.9
%RSD	.16443	.62102	1.0771	1.0966	.13313
#1	3074.7	42250.	3722.1	92.467	3649.2
#2	3081.5	42416.	3760.3	94.425	3652.9
#3	3084.6	42767.	3680.2	92.933	3658.8

Sample Name: ICSA01 Acquired: 12/20/2018 12:35:49 Type: Unk
Method: P4-ICP2(v2673) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	-.00859	.00037	-.00066	.00471	279.14	.00537
Stddev	.00377	.00220	.00174	.00110	.00110	.62	.00034
%RSD	127.32	25.592	475.80	165.45	23.315	.22309	6.3196

#1	-.00026	-.00699	.00197	-.00178	.00344	278.74	.00512
#2	-.00136	-.01109	.00062	.00042	.00525	278.82	.00576
#3	-.00726	-.00768	-.00149	-.00063	.00543	279.85	.00523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00079	254.73	.05761	-.00033	-.00881	100.52
Stddev	.00004	.00020	.83	.00070	.00013	.00071	1.85
%RSD	19.249	25.825	.32618	1.2228	40.042	8.0704	1.8447

#1	.00016	-.00076	255.66	.05680	-.00018	-.00874	100.32
#2	.00023	-.00060	254.06	.05796	-.00042	-.00813	98.773
#3	.00017	-.00100	254.48	.05808	-.00038	-.00955	102.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01486	264.20	-.00787	-.00336	-.12895	.00117	-.00035
Stddev	.00006	.95	.00024	.00035	.01731	.00029	.00018
%RSD	.38857	.35981	3.0292	10.559	13.422	24.471	49.574

#1	.01491	265.06	-.00813	-.00369	-.14768	.00105	-.00017
#2	.01479	263.18	-.00768	-.00299	-.12561	.00096	-.00038
#3	.01488	264.36	-.00779	-.00340	-.11355	.00149	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05390	-.00113	-.02476	-.00667	-.00925	.00352	-.00362
Stddev	.03038	.00027	.00442	.00607	.00123	.00031	.00079
%RSD	56.358	23.655	17.864	90.971	13.299	8.6877	21.950

#1	-.08428	-.00117	-.02130	-.00906	-.01051	.00327	-.00342
#2	-.05391	-.00084	-.02974	.00023	-.00921	.00342	-.00449
#3	-.02352	-.00137	-.02323	-.01119	-.00805	.00386	-.00294

Sample Name: ICSA01 Acquired: 12/20/2018 12:35:49 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.0023	-.00444	F 4.7476	F<.00000
Stddev	.00095	.0004	.00190	.0420	.43975
%RSD	410.89	18.19	42.720	.88571	12.767
#1	-.00133	-.0022	-.00368	4.7406	-3.7963
#2	.00036	-.0020	-.00305	4.7927	-2.9514
#3	.00027	-.0028	-.00661	4.7095	-3.5851
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.9	36842.	3554.0	81.650	2868.3
Stddev	1.4	132.	29.6	1.263	3.0
%RSD	.05191	.35707	.83237	1.5469	.10288
#1	2696.7	36698.	3519.8	81.514	2865.1
#2	2695.7	36955.	3570.3	82.975	2870.9
#3	2698.4	36874.	3571.8	80.460	2868.9

Sample Name: ICSAB01 Acquired: 12/20/2018 12:40:22 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09373	.09617	.05412	.05372	.65872	265.06	.54946
Stddev	.00128	.00168	.00282	.00412	.01084	.35	.00320
%RSD	1.3641	1.7513	5.2057	7.6626	1.6454	.13344	.58191

#1	.09256	.09455	.05164	.04937	.64944	264.65	.55118
#2	.09354	.09605	.05355	.05756	.65608	265.26	.55143
#3	.09509	.09791	.05719	.05423	.67063	265.28	.54577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56460	1.0395	241.09	.59146	.52627	.50250	93.819
Stddev	.00055	.0199	1.36	.00168	.00909	.00917	.689
%RSD	.09811	1.9134	.56564	.28450	1.7269	1.8242	.73466

#1	.56397	1.0259	241.35	.59340	.52132	.49698	93.105
#2	.56501	1.0302	242.30	.59040	.52074	.49745	93.872
#3	.56481	1.0623	239.61	.59058	.53676	.51309	94.480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53818	249.16	1.0237	.21918	-.13760	.52750	1.0625
Stddev	.00100	.44	.0204	.00175	.00273	.00163	.0057
%RSD	.18581	.17822	1.9931	.79902	1.9813	.30868	.53935

#1	.53704	248.75	1.0117	.21961	-.13947	.52580	1.0592
#2	.53857	249.63	1.0121	.21726	-.13887	.52766	1.0592
#3	.53892	249.11	1.0472	.22068	-.13447	.52904	1.0691

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04410	F 1.1062	F 1.0316	-.00898	F 1.0055	F 1.0937	F 1.0695
Stddev	.02828	.0169	.0091	.00372	.0018	.0189	.0052
%RSD	64.121	1.5275	.88572	41.388	.17541	1.7309	.48912

#1	-.01235	1.0963	1.0210	-.01171	1.0065	1.0829	1.0711
#2	-.05338	1.0967	1.0369	-.01048	1.0066	1.0826	1.0738
#3	-.06657	1.1258	1.0368	-.00475	1.0035	1.1155	1.0637

Sample Name: ICSAB01 Acquired: 12/20/2018 12:40:22 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	F -.0022	F -.00260	F 4.7874	F<.00000
Stddev	.00139	.0015	.00096	.0629	.08930
%RSD	155.33	69.44	36.827	1.3129	3.9158
#1	.00053	-.0023	-.00166	4.8528	-2.1858
#2	-.00096	-.0036	-.00257	4.7817	-2.3631
#3	-.00225	-.0006	-.00357	4.7275	-2.2928
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.7	36969.	3581.9	83.614	2836.1
Stddev	39.6	58.	26.2	.189	44.1
%RSD	1.4843	.15816	.73257	.22603	1.5543
#1	2695.5	36914.	3566.3	83.683	2864.6
#2	2685.3	36961.	3567.2	83.758	2858.3
#3	2622.4	37031.	3612.2	83.400	2785.3

Sample Name: CCV01 Acquired: 12/20/2018 12:44:38 Type: Unk
Method: P4-ICP2(v2673) 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	5.0581	4.8845	4.9133	4.9484	5.0000	10.003	9.9808	.24640
Stddev	.0115	.0076	.0023	.0049	.0031	.064	.0354	.00034
%RSD	.22688	.15475	.04621	.09893	.06183	.63999	.35437	.13830
#1	5.0712	4.8757	4.9107	4.9469	5.0021	9.9296	10.022	.24679
#2	5.0538	4.8885	4.9139	4.9444	4.9965	10.044	9.9607	.24615
#3	5.0495	4.8891	4.9151	4.9538	5.0016	10.036	9.9600	.24626
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4307	25.328	.99792	2.4420	1.2437	4.8853	2.4641	24.698
Stddev	.0006	.039	.00372	.0027	.0030	.0842	.0037	.114
%RSD	.02522	.15556	.37250	.10900	.24069	1.7237	.14851	.45976
#1	2.4310	25.298	.99937	2.4409	1.2442	4.9543	2.4645	24.781
#2	2.4310	25.315	.99370	2.4450	1.2405	4.9100	2.4603	24.569
#3	2.4300	25.373	1.0007	2.4400	1.2464	4.7915	2.4675	24.745
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4228	1.2163	24.333	2.4182	2.4961	24.792	5.0303	4.9428
Stddev	.0012	.0016	.110	.0026	.0401	.050	.0057	.0270
%RSD	.04749	.13334	.45125	.10566	1.6053	.20188	.11433	.54564
#1	2.4226	1.2147	24.459	2.4200	2.5357	24.840	5.0359	4.9457
#2	2.4218	1.2179	24.279	2.4153	2.4969	24.794	5.0244	4.9145
#3	2.4241	1.2163	24.261	2.4192	2.4556	24.740	5.0307	4.9683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8349	4.9469	4.9000	4.9814	4.9629	4.843	5.1549	F 4.0140
Stddev	.0062	.0190	.0057	.0102	.0114	.003	.0074	.1189
%RSD	.12836	.38481	.11700	.20523	.22999	.0610	.14356	2.9616
#1	4.8333	4.9655	4.8971	4.9924	4.9759	4.842	5.1634	4.0530
#2	4.8417	4.9274	4.8963	4.9795	4.9544	4.846	5.1499	3.8805
#3	4.8296	4.9478	4.9066	4.9722	4.9585	4.840	5.1515	4.1084

Sample Name: CCV01 Acquired: 12/20/2018 12:44:38 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2541
Stddev .2005
%RSD 8.8951

#1 2.0237
#2 2.3499
#3 2.3888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.7	40108.	3670.8	87.707	3199.3
Stddev	4.1	68.	14.4	1.439	4.4
%RSD	.14160	.16893	.39298	1.6406	.13882

#1	2904.3	40045.	3654.3	86.282	3194.4
#2	2912.4	40180.	3680.9	87.678	3200.3
#3	2909.5	40100.	3677.3	89.160	3203.1

Sample Name: LLCCV01 Acquired: 12/20/2018 12:54:32 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01900	.04473	.01177	.01888	.05581	.10249	.11039
Stddev	.00101	.00158	.00091	.00176	.00187	.00474	.00102
%RSD	5.3078	3.5291	7.7729	9.2990	3.3595	4.6253	.92604

#1	.01834	.04641	.01280	.01750	.05365	.10514	.11087
#2	.02016	.04449	.01144	.01828	.05668	.09701	.10922
#3	.01849	.04328	.01106	.02086	.05708	.10531	.11109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00638	.00582	2.1879	.01118	.03252	.01772	.10133
Stddev	.00008	.00002	.0218	.00034	.00006	.00021	.00737
%RSD	1.2635	.28354	.99776	3.0359	.18417	1.2019	7.2717

#1	.00645	.00584	2.2094	.01083	.03245	.01791	.10647
#2	.00641	.00580	2.1885	.01119	.03256	.01749	.09289
#3	.00629	.00582	2.1658	.01151	.03255	.01775	.10463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02237	2.2704	.04217	.01047	1.9226	.04462	.04434
Stddev	.00008	.0116	.00029	.00037	.0040	.00030	.00073
%RSD	.36530	.51270	.68659	3.5698	.21015	.66632	1.6556

#1	.02240	2.2629	.04249	.01048	1.9270	.04486	.04396
#2	.02243	2.2838	.04206	.01009	1.9192	.04429	.04519
#3	.02228	2.2646	.04194	.01083	1.9215	.04471	.04387

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0319	.20630	.10535	F .00609	.42626	.03888	.03970
Stddev	.0088	.00112	.00629	.00328	.00151	.00064	.00155
%RSD	.43100	.54433	5.9673	53.918	.35370	1.6409	3.8928

#1	2.0223	.20760	.10346	.00231	.42796	.03815	.04105
#2	2.0339	.20568	.10022	.00820	.42573	.03919	.04003
#3	2.0394	.20563	.11236	.00776	.42509	.03930	.03801

Sample Name: LLCCV01 Acquired: 12/20/2018 12:54:32 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01387	.0166	.02137	F 2.7306	F<.00000
Stddev	.00053	.0003	.00007	.1453	.46816
%RSD	3.8407	1.538	.32174	5.3209	142.65

#1	.01325	.0164	.02132	2.5629	-.83563
#2	.01415	.0165	.02145	2.8170	-.23585
#3	.01420	.0169	.02134	2.8120	.08692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.7	41867.	3729.4	93.614	3629.0
Stddev	9.7	47.	14.2	1.328	15.5
%RSD	.31786	.11188	.37987	1.4184	.42593

#1	3025.7	41818.	3725.6	94.458	3611.7
#2	3041.2	41872.	3745.1	92.083	3633.9
#3	3043.4	41911.	3717.5	94.300	3641.4

Sample Name: CCB01 Acquired: 12/20/2018 12:58:59 Type: Unk
 Method: P4-ICP2(v2673) 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	-.00107	.00001	-.00125	-.00275	.00091	-.00250	-.00017
Stddev	.00158	.00065	.00021	.00178	.00100	.01500	.00024
%RSD	147.52	5078.6	16.778	64.749	110.11	600.44	140.51

#1	-.00274	-.00028	-.00117	-.00330	.00206	.00438	-.00012
#2	.00038	.00075	-.00148	-.00419	.00035	-.01971	.00004
#3	-.00085	-.00044	-.00108	-.00076	.00031	.00783	-.00043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00001	.00843	.00018	-.00007	-.00021	-.00596
Stddev	.00004	.00008	.00528	.00038	.00006	.00034	.00646
%RSD	2376.2	1186.1	62.628	209.91	93.013	163.90	108.45

#1	-.00000	-.00008	.01453	.00008	-.00007	.00008	-.01216
#2	.00004	.00007	.00537	-.00014	-.00000	-.00058	.00074
#3	-.00003	.00003	.00539	.00059	-.00013	-.00012	-.00646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.06099	-.00029	.00028	-.23623	.00031	-.00116
Stddev	.00003	.01377	.00005	.00059	.00444	.00038	.00007
%RSD	112.99	22.572	16.330	212.10	1.8775	123.20	5.6435

#1	.00000	.04758	-.00026	.00072	-.23958	-.00010	-.00121
#2	-.00005	.07509	-.00026	.00050	-.23792	.00037	-.00118
#3	-.00003	.06032	-.00034	-.00039	-.23120	.00065	-.00109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09103	-.00015	.00348	F -.01155	-.00021	-.00089	-.00110
Stddev	.00307	.00018	.00557	.00208	.00371	.00031	.00121
%RSD	3.3708	115.44	160.04	18.005	1737.5	35.377	109.78

#1	-.09358	-.00030	.00975	-.01340	.00306	-.00125	-.00249
#2	-.09189	.00004	.00159	-.01195	.00055	-.00076	-.00052
#3	-.08762	-.00020	-.00090	-.00930	-.00425	-.00066	-.00029

Sample Name: CCB01 Acquired: 12/20/2018 12:58:59 Type: Unk
 Method: P4-ICP2(v2673) 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	-0.00623	-0.0010	-0.00003	F 2.6388	F<.00000
Stddev	.00034	.0007	.00001	.1235	.62330
%RSD	5.3808	63.75	44.862	4.6811	81.013
#1	-0.00655	-0.0004	-0.00003	2.7798	-.06540
#2	-0.00588	-0.0010	-0.00004	2.5865	-1.2510
#3	-0.00626	-0.0017	-0.00001	2.5499	-.99174
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.3	42216.	3722.7	92.694	3642.8
Stddev	2.0	183.	18.3	.882	9.1
%RSD	.06611	.43327	.49289	.95152	.25033
#1	3021.9	42007.	3704.1	91.692	3634.5
#2	3021.0	42295.	3740.8	93.042	3641.2
#3	3018.1	42346.	3723.3	93.350	3652.6

Sample Name: LR CHECK1 Acquired: 12/20/2018 13:03:36 Type: Unk
Method: P4-ICP2(v2673) 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	-.05436	-.07882	-.04303	-.30627	.04945	1895.2	.00300
Stddev	.00645	.00317	.00491	.00853	.00085	11.7	.00025
%RSD	11.872	4.0174	11.411	2.7842	1.7108	.61706	8.2186

#1	-.04705	-.08245	-.04095	-.31232	.05040	1883.8	.00299
#2	-.05677	-.07666	-.03951	-.29652	.04880	1894.8	.00276
#3	-.05927	-.07734	-.04864	-.30996	.04913	1907.1	.00326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	.02625	1740.5	.03671	.04196	-.28012	F 927.01
Stddev	.00020	.00117	7.9	.00084	.00106	.00394	9.02
%RSD	6.1614	4.4651	.45673	2.2890	2.5250	1.4074	.97336

#1	.00336	.02757	1732.4	.03683	.04209	-.27641	920.09
#2	.00309	.02582	1748.2	.03582	.04084	-.27971	923.72
#3	.00350	.02535	1740.9	.03749	.04295	-.28426	937.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02632	1785.5	.05469	-.03832	1662.4	.00171	.09274
Stddev	.00012	6.6	.00035	.00042	67.0	.00020	.00122
%RSD	.47377	.37224	.64244	1.0982	4.0317	11.799	1.3158

#1	.02635	1785.4	.05434	-.03881	1733.0	.00172	.09184
#2	.02643	1792.2	.05467	-.03805	1654.6	.00150	.09225
#3	.02618	1778.9	.05505	-.03812	1599.7	.00190	.09413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1027.1	.00190	-.26210	.39753	-.01303	.03090	-.05405
Stddev	11.2	.00024	.02730	.00154	.00483	.00078	.00217
%RSD	1.0941	12.407	10.415	.38740	37.101	2.5199	4.0226

#1	1036.6	.00163	-.28181	.39891	-.01171	.03106	-.05229
#2	1030.0	.00207	-.27356	.39781	-.00900	.03006	-.05648
#3	1014.7	.00200	-.23094	.39587	-.01839	.03159	-.05338

Sample Name: LR CHECK1 Acquired: 12/20/2018 13:03:36 Type: Unk
Method: P4-ICP2(v2673) 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	.04844	.0398	F -1.0032	3.2060	^ *****
Stddev	.00481	.0042	.0099	.0310	-----
%RSD	9.9272	10.48	.99016	.96806	-----
#1	.04303	.0384	-.99578	3.1864	^ -----
#2	.05223	.0445	-.99929	3.2418	^ -----
#3	.05007	.0365	-1.0145	3.1899	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.2	28444.	3212.7	64.238	1811.2
Stddev	7.8	114.	20.0	.494	8.8
%RSD	.38564	.39902	.62124	.76925	.48613
#1	2014.3	28526.	3203.6	64.531	1801.4
#2	2026.6	28314.	3198.8	64.515	1818.5
#3	2028.7	28492.	3235.5	63.667	1813.7

Sample Name: LR CHECK2 Acquired: 12/20/2018 13:28:21 Type: Unk
Method: P4-ICP2(v2673) 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	.00236	-.01965	F 259.89	.01403	-.03833	-.31913	F 101.68	-.00071
Stddev	.00185	.00140	1.47	.00200	.00086	.00559	.52	.00001
%RSD	78.444	7.0996	.56656	14.257	2.2426	1.7520	.50654	1.9048
#1	.00072	-.01849	260.03	.01344	-.03769	-.31838	101.82	-.00070
#2	.00436	-.01928	261.29	.01240	-.03931	-.31395	101.11	-.00070
#3	.00198	-.02120	258.35	.01626	-.03801	-.32506	102.11	-.00072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00827	.20505	-.13722	-.01235	F 266.01	-.88714	43.057	-.07684
Stddev	.00015	.00672	.00053	.00023	1.13	.00990	.137	.01035
%RSD	1.8286	3.2791	.38533	1.8979	.42353	1.1164	.31724	13.476
#1	-.00829	.21159	-.13700	-.01218	265.71	-.89474	43.214	-.06636
#2	-.00841	.19816	-.13782	-.01262	267.25	-.87594	42.986	-.08706
#3	-.00811	.20542	-.13683	-.01226	265.06	-.89073	42.970	-.07710
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.697	.00941	.37753	-.00303	F 36.886	.41813	-.00393	.00463
Stddev	.250	.00022	.00535	.00036	.659	.02815	.00038	.00501
%RSD	.50266	2.2900	1.4178	11.958	1.7872	6.7322	9.7250	108.16
#1	49.714	.00920	.38368	-.00341	37.634	.38706	-.00372	.00274
#2	49.937	.00941	.37505	-.00268	36.632	.42539	-.00369	.01031
#3	49.439	.00963	.37388	-.00301	36.391	.44193	-.00437	.00084
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06271	-.00388	.00040	.02704	-.00372	-.2667	.00325	3.9649
Stddev	.00294	.00162	.00037	.00144	.00032	.0060	.00008	.0581
%RSD	4.6831	41.656	92.045	5.3294	8.5925	2.231	2.4134	1.4663
#1	.06454	-.00239	.00029	.02691	-.00402	-.2666	.00331	3.9014
#2	.06427	-.00366	.00081	.02855	-.00375	-.2727	.00326	4.0155
#3	.05932	-.00560	.00010	.02567	-.00338	-.2608	.00316	3.9778

Sample Name: LR CHECK2 Acquired: 12/20/2018 13:28:21 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.09261
Stddev	.49944
%RSD	539.30

#1	-.13016
#2	-.25668
#3	.66466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.2	40737.	3737.3	87.000	3218.4
Stddev	15.8	128.	13.4	1.499	19.9
%RSD	.57511	.31534	.35965	1.7234	.61948

#1	2741.4	40594.	3721.8	85.325	3220.4
#2	2726.9	40775.	3745.6	87.458	3197.5
#3	2758.4	40843.	3744.4	88.217	3237.3

Sample Name: J6465-06 Acquired: 12/20/2018 13:33:15 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB08_1.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07376	-.01054	.97470	-.03971	.00604	101.61	.99518
Stddev	.00165	.00119	.00270	.00398	.00158	.99	.00269
%RSD	2.2409	11.290	.27705	10.031	26.231	.97867	.27029

#1	.07213	-.00966	.97781	-.03515	.00612	100.72	.99328
#2	.07372	-.01190	.97328	-.04254	.00442	101.42	.99400
#3	.07544	-.01007	.97301	-.04143	.00758	102.68	.99826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00650	.00265	632.02	.19370	.09491	.23618	243.85
Stddev	.00008	.00042	2.81	.00234	.00022	.00182	3.11
%RSD	1.1636	16.026	.44413	1.2076	.22911	.76889	1.2750

#1	.00645	.00226	629.61	.19239	.09516	.23438	246.75
#2	.00647	.00258	631.34	.19230	.09478	.23616	244.25
#3	.00659	.00310	635.10	.19640	.09480	.23801	240.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1026	127.31	.19523	-.00247	5.0775	.38230	1.2828
Stddev	.0208	.56	.00035	.00123	.0086	.00285	.0238
%RSD	.50588	.44304	.17938	49.658	.16933	.74500	1.8543

#1	4.0881	127.03	.19562	-.00112	5.0729	.38139	1.3057
#2	4.0933	126.93	.19515	-.00276	5.0874	.38001	1.2845
#3	4.1264	127.95	.19493	-.00353	5.0722	.38549	1.2582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.456	.01138	.04818	F 19.081	4.4170	.18360	2.6331
Stddev	.014	.00015	.00589	.101	.0073	.00021	.0043
%RSD	.12106	1.3553	12.222	.52688	.16624	.11704	.16152

#1	11.453	.01142	.04444	19.141	4.4142	.18342	2.6375
#2	11.444	.01121	.04513	18.965	4.4115	.18384	2.6290
#3	11.471	.01151	.05497	19.137	4.4253	.18353	2.6329

Sample Name: J6465-06 Acquired: 12/20/2018 13:33:15 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB08_1.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11393	6.392	1.3167	1.3217	F<.00000
Stddev	.00109	.010	.0082	.1872	.66427
%RSD	.95283	.1590	.62542	14.166	.98959

#1	.11411	6.399	1.3088	1.1180	-67.889
#2	.11491	6.380	1.3161	1.3608	-66.809
#3	.11276	6.396	1.3252	1.4862	-66.680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.7	41386.	4253.7	83.419	2690.0
Stddev	2.4	231.	2.0	1.502	1.9
%RSD	.08223	.55859	.04801	1.8012	.06965

#1	2894.1	41565.	4252.0	81.980	2688.7
#2	2895.9	41467.	4256.0	83.300	2692.1
#3	2891.1	41125.	4253.1	84.978	2689.0

Sample Name: J6469-01 Acquired: 12/20/2018 13:37:25 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	-.00933	.13664	-.02989	.00385	54.379	.49598
Stddev	.00130	.00112	.00100	.00364	.00069	.058	.00372
%RSD	53.344	12.028	.73174	12.189	17.782	.10609	.75101

#1	.00353	-.00804	.13773	-.03345	.00325	54.436	.50028
#2	.00100	-.01003	.13642	-.03004	.00460	54.321	.49384
#3	.00278	-.00993	.13577	-.02617	.00371	54.379	.49383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00180	58.070	.18492	.17033	.64183	206.96
Stddev	.00021	.00038	.319	.00140	.00074	.00298	2.82
%RSD	8.2509	21.107	.54864	.75557	.43273	.46367	1.3608

#1	.00252	-.00219	58.346	.18466	.17039	.63931	209.82
#2	.00238	-.00179	58.142	.18368	.17104	.64511	206.88
#3	.00279	-.00143	57.721	.18643	.16957	.64105	204.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3051	43.540	.19144	.00040	1.4330	.18995	.46046
Stddev	.0022	.226	.00098	.00043	.0117	.00133	.00937
%RSD	.17169	.51912	.51357	106.98	.81826	.70193	2.0349

#1	1.3049	43.801	.19047	.00089	1.4457	.18940	.46904
#2	1.3030	43.424	.19243	.00012	1.4226	.18898	.46189
#3	1.3075	43.396	.19142	.00019	1.4306	.19147	.45046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.689	.00762	.02256	F 30.103	2.6571	.03187	5.1223
Stddev	.155	.00030	.00222	.167	.0070	.00049	.0348
%RSD	.65465	3.9988	9.8513	.55583	.26327	1.5245	.67831

#1	23.866	.00797	.02354	30.152	2.6490	.03175	5.1624
#2	23.622	.00744	.02002	30.240	2.6611	.03146	5.1043
#3	23.578	.00744	.02412	29.916	2.6611	.03241	5.1003

Sample Name: J6469-01 Acquired: 12/20/2018 13:37:25 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08011	F 10.16	-.13675	<.00000	F<.00000
Stddev	.00128	.06	.00251	.08049	1.0706
%RSD	1.5986	.6091	1.8378	3.2108	1.6959
#1	.07945	10.16	-.13940	-2.4611	-62.630
#2	.08159	10.22	-.13644	-2.5996	-62.397
#3	.07929	10.10	-.13440	-2.4593	-64.357
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.8	48805.	4701.0	90.506	3119.6
Stddev	9.8	68.	35.1	1.671	13.9
%RSD	.29014	.13891	.74624	1.8461	.44487
#1	3376.8	48769.	4668.6	88.959	3119.2
#2	3365.5	48883.	4696.1	90.281	3106.0
#3	3385.0	48762.	4738.3	92.278	3133.7

Sample Name: J6475-01 Acquired: 12/20/2018 13:41:33 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57128	-.00931	2.0034	-.02085	.00692	110.29	1.6179
Stddev	.00383	.00213	.0090	.00395	.00109	.22	.0092
%RSD	.67125	22.880	.45098	18.943	15.811	.19766	.56782

#1	.56892	-.00800	1.9973	-.02480	.00818	110.09	1.6091
#2	.57571	-.00816	1.9992	-.02086	.00621	110.25	1.6173
#3	.56922	-.01177	2.0138	-.01690	.00636	110.52	1.6274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01233	.00587	131.19	1.4730	.13567	.76312	266.58
Stddev	.00005	.00042	.93	.0077	.00134	.00228	4.32
%RSD	.44592	7.1600	.71219	.52498	.99095	.29923	1.6211

#1	.01235	.00635	130.24	1.4806	.13437	.76113	261.72
#2	.01238	.00557	131.24	1.4651	.13559	.76263	268.01
#3	.01227	.00570	132.10	1.4731	.13705	.76561	270.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6682	72.210	.36798	.00086	3.8906	.87676	2.5533
Stddev	.0094	.607	.00249	.00034	.0363	.00546	.0297
%RSD	.35267	.84026	.67585	40.255	.93299	.62306	1.1643

#1	2.6755	71.811	.36517	.00053	3.8616	.87736	2.5197
#2	2.6576	71.912	.36886	.00083	3.8789	.87102	2.5639
#3	2.6714	72.909	.36991	.00121	3.9313	.88189	2.5762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.772	.03319	.10379	F 18.039	1.6057	.09698	3.8947
Stddev	.061	.00027	.00778	.084	.0173	.00101	.0203
%RSD	.48109	.81225	7.4983	.46376	1.0762	1.0436	.52234

#1	12.712	.03296	.09515	18.063	1.5892	.09581	3.8719
#2	12.770	.03312	.11024	17.946	1.6042	.09761	3.9010
#3	12.834	.03349	.10597	18.107	1.6237	.09752	3.9111

Sample Name: J6475-01 Acquired: 12/20/2018 13:41:33 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11802	6.986	.49308	<.00000	F<.00000
Stddev	.00210	.046	.00093	.23832	1.0127
%RSD	1.7765	.6546	.18848	10.466	1.0161

#1	.11560	6.943	.49302	-2.0619	-98.589
#2	.11910	6.982	.49218	-2.5332	-99.815
#3	.11935	7.034	.49403	-2.2360	-100.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.4	47277.	4670.0	90.019	2978.8
Stddev	11.2	182.	18.3	1.010	20.2
%RSD	.34543	.38558	.39181	1.1218	.67973

#1	3266.8	47068.	4677.1	91.152	2993.4
#2	3257.9	47404.	4683.6	89.693	2987.4
#3	3244.4	47360.	4649.2	89.213	2955.7

Sample Name: J6477-01 Acquired: 12/20/2018 13:45:48 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10994	-.01593	.92325	-.11137	.02836	222.18	2.0625	.01523
Stddev	.00071	.00154	.01852	.00560	.00368	.64	.0186	.00017
%RSD	.64938	9.6691	2.0057	5.0296	12.988	.28712	.90267	1.1279

#1	.11017	-.01562	.90494	-.10490	.02783	221.46	2.0720	.01504
#2	.11051	-.01760	.94197	-.11448	.03228	222.68	2.0410	.01537
#3	.10914	-.01456	.92284	-.11473	.02497	222.40	2.0745	.01528

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	15.355	.64360	.24006	.64528	647.68	5.4097	46.479
Stddev	.00073	.166	.00483	.00364	.00767	3.94	.0290	.600
%RSD	18.359	1.0836	.75120	1.5164	1.1893	.60903	.53678	1.2918

#1	-.00478	15.347	.63819	.23645	.63757	644.37	5.3886	46.700
#2	-.00334	15.193	.64749	.24373	.65292	652.05	5.4428	45.799
#3	-.00384	15.525	.64511	.24000	.64534	646.63	5.3976	46.937

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37928	-.00204	1.3421	.50745	1.3816	15.435	.00607	.04765
Stddev	.00806	.00073	.0308	.00433	.0058	.124	.00057	.01762
%RSD	2.1261	35.505	2.2910	.85293	.42254	.80365	9.3318	36.984

#1	.37196	-.00257	1.3360	.50251	1.3768	15.491	.00543	.05746
#2	.38792	-.00122	1.3149	.51060	1.3881	15.293	.00627	.05818
#3	.37794	-.00234	1.3754	.50923	1.3798	15.522	.00651	.02730

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1401	1.6318	.07782	2.8144	.39389	7.056	-.38225	<.00000
Stddev	.0412	.0206	.00276	.0121	.00238	.106	.00681	.11865
%RSD	1.3129	1.2646	3.5432	.42843	.60406	1.495	1.7820	2.3461

#1	3.0982	1.6382	.07673	2.8241	.39481	6.963	-.37827	-5.0487
#2	3.1807	1.6087	.08096	2.8009	.39119	7.171	-.39012	-4.9430
#3	3.1415	1.6485	.07578	2.8182	.39567	7.035	-.37836	-5.1798

Sample Name: J6477-01 Acquired: 12/20/2018 13:45:48 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-A1 Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.5	44872.	4428.1	86.668	2949.0
Stddev	34.0	105.	39.1	.288	44.1
%RSD	1.0846	.23498	.88268	.33199	1.4958

#1	3172.1	44951.	4419.0	86.855	2990.2
#2	3104.0	44753.	4471.0	86.336	2902.5
#3	3139.5	44914.	4394.4	86.812	2954.4

Sample Name: J6477-02 Acquired: 12/20/2018 13:50:12 Type: Unk
Method: P4-ICP2(v2673) 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	.14386	-.00551	.98558	-.08146	.02491	65.829	.36669
Stddev	.00306	.00139	.00518	.00245	.00029	.108	.00169
%RSD	2.1258	25.162	.52604	3.0072	1.1629	.16408	.46196

#1	.14563	-.00692	.99028	-.08110	.02458	65.708	.36631
#2	.14563	-.00545	.98002	-.08407	.02506	65.917	.36854
#3	.14033	-.00415	.98645	-.07921	.02510	65.862	.36521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01066	-.00541	14.570	.42056	.04881	.36168	468.58
Stddev	.00010	.00135	.118	.00173	.00041	.00417	8.78
%RSD	.94926	24.939	.81320	.41133	.84204	1.1534	1.8728

#1	.01064	-.00395	14.695	.42250	.04928	.36503	459.76
#2	.01057	-.00566	14.557	.41919	.04850	.36301	468.68
#3	.01077	-.00661	14.459	.41999	.04865	.35701	477.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0654	5.1297	.05367	-.00109	.46556	.44260	.50495
Stddev	.0039	.0173	.00086	.00090	.00608	.00069	.00944
%RSD	.36623	.33688	1.5969	83.215	1.3065	.15539	1.8689

#1	1.0624	5.1476	.05405	-.00192	.46561	.44184	.49719
#2	1.0640	5.1284	.05428	-.00121	.47161	.44276	.50220
#3	1.0698	5.1131	.05269	-.00013	.45945	.44319	.51545

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6903	.00461	.03470	3.3666	1.9794	.11877	1.3583
Stddev	.0282	.00025	.01663	.0053	.0163	.00047	.0053
%RSD	.29059	5.4496	47.922	.15739	.82128	.39249	.39265

#1	9.6690	.00483	.01757	3.3727	1.9834	.11931	1.3527
#2	9.7222	.00434	.03575	3.3634	1.9933	.11852	1.3633
#3	9.6797	.00467	.05078	3.3636	1.9615	.11849	1.3590

Sample Name: J6477-02 Acquired: 12/20/2018 13:50:12 Type: Unk
Method: P4-ICP2(v2673) 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	.01948	8.866	-.35997	<.00000	F<.00000
Stddev	.00037	.060	.01023	.35911	1.7698
%RSD	1.8824	.6787	2.8420	9.6126	.78868

#1	.01906	8.909	-.35013	-3.6712	-226.44
#2	.01969	8.797	-.35922	-4.1229	-223.41
#3	.01970	8.891	-.37055	-3.4134	-223.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.1	46343.	4462.7	90.362	3152.7
Stddev	1.9	220.	14.4	1.775	14.8
%RSD	.05772	.47444	.32162	1.9643	.46904

#1	3219.0	46307.	4447.3	91.931	3139.4
#2	3221.6	46579.	4475.7	90.719	3168.6
#3	3222.7	46143.	4465.2	88.436	3150.0

Sample Name: J6472-03 Acquired: 12/20/2018 13:54:22 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05421	-.00487	.23288	-.01337	.00784	28.457	.27648	.00122
Stddev	.00237	.00086	.00321	.00115	.00094	.085	.00157	.00006
%RSD	4.3708	17.747	1.3777	8.6010	11.971	.30023	.56696	4.7120
#1	.05149	-.00585	.23079	-.01269	.00684	28.470	.27496	.00117
#2	.05583	-.00422	.23658	-.01271	.00799	28.365	.27639	.00121
#3	.05532	-.00453	.23128	-.01469	.00870	28.535	.27809	.00129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	86.188	.11372	.01903	.11806	60.858	1.3383	19.892
Stddev	.00022	.589	.00052	.00014	.00258	.977	.0009	.156
%RSD	74.370	.68360	.45788	.75394	2.1864	1.6046	.06558	.78372
#1	.00037	85.520	.11315	.01887	.11636	59.878	1.3392	19.773
#2	.00047	86.413	.11416	.01916	.12103	60.866	1.3375	19.835
#3	.00005	86.632	.11387	.01905	.11679	61.831	1.3383	20.069
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03477	.00009	294.69	.10810	.58924	17.366	.02685	.33522
Stddev	.00088	.00052	.64	.00061	.00612	.117	.00036	.00757
%RSD	2.5438	562.05	.21885	.56515	1.0395	.67149	1.3391	2.2572
#1	.03414	-.00050	293.95	.10746	.58299	17.231	.02677	.32722
#2	.03578	.00035	294.94	.10816	.58951	17.435	.02724	.33618
#3	.03439	.00043	295.17	.10868	.59523	17.431	.02653	.34226
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.671	F 50.288	.00920	.71744	.04427	1.257	.40588	3.9876
Stddev	.169	.178	.00095	.00243	.00128	.019	.00114	.0806
%RSD	1.5798	.35348	10.314	.33831	2.8981	1.493	.28202	2.0224
#1	10.583	50.091	.00858	.71998	.04502	1.248	.40494	4.0659
#2	10.866	50.437	.01029	.71514	.04501	1.279	.40716	3.9921
#3	10.565	50.335	.00872	.71721	.04279	1.245	.40555	3.9048

Sample Name: J6472-03 Acquired: 12/20/2018 13:54:22 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1757
Stddev	.4296
%RSD	10.289

#1	4.6663
#2	3.8668
#3	3.9939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.2	39388.	3834.7	88.422	2984.1
Stddev	24.7	98.	13.5	.788	35.1
%RSD	.88702	.24851	.35193	.89070	1.1748

#1	2792.9	39276.	3850.0	89.122	2991.5
#2	2760.1	39458.	3824.5	88.574	2945.9
#3	2808.6	39429.	3829.7	87.569	3014.8

Sample Name: J6472-03DUP Acquired: 12/20/2018 13:58:47 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05292	-.00411	.23067	-.01294	.00773	28.745	.27376	.00128
Stddev	.00269	.00190	.00153	.00284	.00097	.210	.00244	.00003
%RSD	5.0855	46.214	.66515	21.985	12.524	.72946	.89229	2.6626
#1	.05008	-.00580	.23001	-.00966	.00663	28.699	.27097	.00128
#2	.05543	-.00205	.23242	-.01437	.00846	28.561	.27554	.00131
#3	.05324	-.00447	.22958	-.01478	.00810	28.973	.27476	.00125
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	84.149	.11259	.01919	.11754	60.176	1.3281	19.541
Stddev	.00007	.531	.00066	.00011	.00065	.928	.0043	.125
%RSD	15.816	.63089	.58929	.59378	.55480	1.5424	.32156	.63910
#1	.00036	83.857	.11332	.01932	.11820	61.186	1.3327	19.397
#2	.00045	84.762	.11242	.01912	.11690	59.981	1.3243	19.608
#3	.00050	83.828	.11203	.01914	.11753	59.361	1.3274	19.618
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03469	-.00083	288.92	.10697	.58995	17.131	.02683	.32895
Stddev	.00067	.00034	2.14	.00079	.01184	.097	.00009	.00554
%RSD	1.9278	40.885	.74092	.73552	2.0071	.56599	.34942	1.6851
#1	.03400	-.00074	287.66	.10788	.60155	17.019	.02676	.32739
#2	.03533	-.00054	291.39	.10660	.59041	17.188	.02678	.33510
#3	.03474	-.00120	287.71	.10645	.57788	17.186	.02693	.32434
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.606	F 50.202	.00939	.71247	.04327	1.255	.39646	3.9987
Stddev	.053	.429	.00031	.00610	.00090	.006	.00264	.2116
%RSD	.50226	.85387	3.3311	.85678	2.0864	.4810	.66696	5.2909
#1	10.636	50.102	.00904	.70996	.04428	1.256	.39403	4.0698
#2	10.638	50.672	.00965	.70803	.04253	1.261	.39928	3.7607
#3	10.545	49.832	.00947	.71943	.04300	1.249	.39608	4.1655

Sample Name: J6472-03DUP Acquired: 12/20/2018 13:58:47 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9048
Stddev	.1454
%RSD	5.0038

#1	2.8677
#2	3.0651
#3	2.7816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.3	39360.	3864.4	89.317	2965.5
Stddev	9.6	194.	31.6	1.981	12.8
%RSD	.34616	.49174	.81720	2.2177	.43173

#1	2756.5	39176.	3868.7	87.319	2951.8
#2	2766.7	39562.	3830.9	89.350	2967.3
#3	2775.6	39342.	3893.7	91.281	2977.2

Sample Name: J6472-03LX5 Acquired: 12/20/2018 14:03:14 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01387	-.00218	.04887	-.00960	.00135	6.0788	.29849	.00044
Stddev	.00109	.00039	.00212	.00230	.00049	.0492	.00047	.00012
%RSD	7.8456	17.803	4.3424	23.941	36.214	.80925	.15834	27.668
#1	.01448	-.00204	.04912	-.00762	.00165	6.1356	.29820	.00049
#2	.01261	-.00262	.04664	-.00905	.00079	6.0493	.29825	.00054
#3	.01451	-.00188	.05086	-.01212	.00162	6.0516	.29904	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	35.205	.02381	.00492	.07441	31.616	1.7711	14.812
Stddev	.00015	.290	.00030	.00035	.00156	.146	.0093	.116
%RSD	71.409	.82338	1.2725	7.2034	2.1011	.46144	.52502	.78042
#1	-.00022	35.392	.02352	.00477	.07389	31.499	1.7818	14.745
#2	-.00036	35.352	.02413	.00467	.07318	31.780	1.7665	14.945
#3	-.00006	34.871	.02379	.00532	.07617	31.571	1.7649	14.746
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00667	-.00001	216.28	.02316	.33996	6.4143	.00509	.13414
Stddev	.00020	.00026	.98	.00009	.00435	.0252	.00013	.00225
%RSD	2.9284	2271.3	.45438	.38018	1.2797	.39288	2.5090	1.6785
#1	.00690	.00027	216.15	.02326	.33622	6.4112	.00522	.13171
#2	.00658	-.00025	217.33	.02310	.34474	6.3907	.00496	.13456
#3	.00655	-.00005	215.37	.02311	.33893	6.4409	.00509	.13615
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3855	F 13.270	.00062	.14869	.00563	.3047	.25943	4.1975
Stddev	.0651	.082	.00049	.00039	.00133	.0029	.00138	.1211
%RSD	1.4838	.62115	78.315	.26183	23.602	.9445	.53170	2.8859
#1	4.3853	13.242	.00089	.14912	.00595	.3043	.25865	4.3348
#2	4.3205	13.362	.00006	.14862	.00677	.3021	.26103	4.1524
#3	4.4507	13.204	.00092	.14835	.00417	.3078	.25863	4.1054

Sample Name: J6472-03LX5 Acquired: 12/20/2018 14:03:14 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1903
Stddev	.0725
%RSD	1.1703

#1	6.2601
#2	6.1953
#3	6.1155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.2	39531.	3859.8	93.759	3103.2
Stddev	35.9	219.	29.0	1.258	39.9
%RSD	1.2943	.55361	.75132	1.3420	1.2852

#1	2775.0	39300.	3871.5	94.706	3109.0
#2	2809.7	39557.	3826.7	92.332	3139.9
#3	2737.9	39735.	3881.0	94.240	3060.8

Sample Name: CCV02 Acquired: 12/20/2018 14:07:44 Type: Unk
Method: P4-ICP2(v2673) 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	5.4830	5.0015	5.1975	5.3020	5.4486	10.597	10.463	.25920
Stddev	.0382	.0241	.0293	.0431	.0454	.094	.082	.00233
%RSD	.69577	.48183	.56381	.81289	.83367	.89016	.77960	.89740
#1	5.5125	5.0153	5.2202	5.3448	5.4905	10.501	10.555	.25813
#2	5.4965	5.0156	5.2078	5.3025	5.4550	10.599	10.432	.25760
#3	5.4399	4.9737	5.1644	5.2586	5.4003	10.690	10.401	.26187
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5230	26.005	1.0082	2.5810	1.3198	4.9861	2.5812	25.720
Stddev	.0140	.153	.0091	.0135	.0078	.1281	.0229	.101
%RSD	.55289	.58796	.90474	.52187	.59017	2.5686	.88866	.39128
#1	2.5339	26.128	.99994	2.5938	1.3270	5.1289	2.5655	25.822
#2	2.5279	26.053	1.0066	2.5822	1.3209	4.9482	2.5704	25.719
#3	2.5073	25.834	1.0180	2.5669	1.3115	4.8813	2.6075	25.620
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4872	1.2659	24.599	2.4094	2.5881	25.854	5.4730	4.9833
Stddev	.0145	.0132	.139	.0164	.0628	.137	.0351	.0585
%RSD	.58192	1.0417	.56317	.68158	2.4278	.52851	.64167	1.1734
#1	2.4983	1.2582	24.758	2.3968	2.6606	26.006	5.5049	5.0462
#2	2.4923	1.2584	24.533	2.4035	2.5551	25.816	5.4786	4.9730
#3	2.4708	1.2811	24.505	2.4280	2.5487	25.741	5.4354	4.9307
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2336	5.1564	5.1511	5.2101	5.1284	5.051	5.3637	F 4.3890
Stddev	.0317	.0457	.0209	.0455	.0365	.037	.0452	.1761
%RSD	.60536	.88720	.40603	.87351	.71164	.7426	.84278	4.0117
#1	5.2555	5.2071	5.1712	5.2621	5.1706	5.084	5.4146	4.1871
#2	5.2481	5.1438	5.1527	5.1904	5.1079	5.058	5.3484	4.4693
#3	5.1973	5.1182	5.1294	5.1777	5.1069	5.010	5.3281	4.5106

Sample Name: CCV02 Acquired: 12/20/2018 14:07:44 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6154
Stddev	.4382
%RSD	27.124

#1	1.7506
#2	1.1256
#3	1.9701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.5	39984.	3765.7	89.310	3141.0
Stddev	20.7	274.	38.3	2.164	18.6
%RSD	.74456	.68646	1.0166	2.4236	.59300

#1	2766.5	40193.	3722.4	86.812	3123.8
#2	2785.0	40085.	3779.7	90.491	3138.5
#3	2807.9	39673.	3795.0	90.627	3160.7

Sample Name: CCB02 Acquired: 12/20/2018 14:20:45 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00005	F .00376	-.00164	.00053	-.00528	-.00052
Stddev	.00241	.00095	.00106	.00137	.00224	.01088	.00022
%RSD	824.97	1783.7	28.334	83.305	421.33	205.92	43.120

#1	.00190	.00055	.00489	-.00012	.00256	.00185	-.00067
#2	.00145	.00045	.00360	-.00277	.00091	.00010	-.00026
#3	-.00247	-.00115	.00278	-.00204	-.00187	-.01780	-.00062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00005	.00972	.00039	-.00006	-.00009	-.00467
Stddev	.00006	.00005	.01286	.00001	.00018	.00044	.00331
%RSD	209.50	93.826	132.30	2.9825	324.63	483.33	71.011

#1	-.00004	.00005	.01197	.00038	-.00003	.00035	-.00819
#2	-.00008	.00000	-.00412	.00040	-.00025	-.00053	-.00419
#3	.00003	.00009	.02130	.00038	.00011	-.00010	-.00162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00211	.00005	-.00024	-.16545	.00011	.00001
Stddev	.00008	.03085	.00023	.00040	.00283	.00030	.00012
%RSD	12955.	1463.6	490.06	166.10	1.7095	268.82	1044.1

#1	-.00009	.02714	.00031	-.00053	-.16786	.00019	.00008
#2	.00002	-.03435	-.00008	-.00041	-.16234	.00036	.00008
#3	.00007	.00089	-.00010	.00022	-.16616	-.00022	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	-.00005	-.00208	F -.01238	.00219	-.00097	-.00085
Stddev	.01960	.00035	.00314	.00157	.00281	.00019	.00141
%RSD	221.02	673.44	151.08	12.698	127.91	19.185	164.84

#1	.01087	-.00035	-.00266	-.01174	.00289	-.00108	-.00021
#2	-.01166	-.00013	.00131	-.01417	-.00090	-.00076	.00012
#3	.02738	.00033	-.00489	-.01122	.00458	-.00108	-.00247

Sample Name: CCB02 Acquired: 12/20/2018 14:20:45 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00504	-.0020	-.00003	F 3.2933	F<.00000
Stddev	.00059	.0009	.00008	.1308	.15224
%RSD	11.740	42.67	243.95	3.9721	51.699
#1	-.00486	-.0011	.00006	3.3368	-.18131
#2	-.00570	-.0021	-.00007	3.3968	-.46756
#3	-.00455	-.0029	-.00008	3.1463	-.23457
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.5	41792.	3703.0	92.369	3603.7
Stddev	14.0	178.	15.3	.174	18.8
%RSD	.47942	.42587	.41245	.18802	.52194
#1	2905.7	41628.	3685.7	92.217	3587.1
#2	2922.2	41765.	3714.4	92.558	3599.8
#3	2933.5	41981.	3709.0	92.333	3624.1

Sample Name: J6472-03MS Acquired: 12/20/2018 14:25:15 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79772	1.6416	1.0954	1.7336	.68117	56.569	.50948
Stddev	.00360	.0026	.0039	.0087	.00171	.767	.00511
%RSD	.45182	.15540	.35405	.50313	.25119	1.3563	1.0023

#1	.79366	1.6424	1.0950	1.7274	.68168	57.427	.51510
#2	.79893	1.6388	1.0918	1.7299	.67926	56.333	.50513
#3	.80056	1.6437	1.0995	1.7436	.68256	55.948	.50820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18431	.17604	81.340	.47863	.20374	.37495	61.790
Stddev	.00036	.00077	.241	.00120	.00155	.00061	.868
%RSD	.19461	.43776	.29621	.25129	.76226	.16387	1.4054

#1	.18427	.17572	81.466	.47730	.20300	.37456	62.629
#2	.18468	.17548	81.491	.47893	.20270	.37463	61.846
#3	.18396	.17692	81.062	.47965	.20553	.37566	60.894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4294	21.048	.47609	.06278	271.99	.37340	.74150
Stddev	.0023	.183	.00097	.00026	.29	.00078	.01310
%RSD	.16320	.86921	.20423	.41547	.10595	.20854	1.7663

#1	1.4277	20.863	.47530	.06249	271.69	.37269	.75564
#2	1.4320	21.053	.47579	.06300	272.01	.37328	.73909
#3	1.4284	21.229	.47718	.06284	272.27	.37423	.72978

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.055	.38104	.55963	9.8492	F 83.058	.62021	1.7667
Stddev	.203	.00119	.01031	.0276	.254	.00411	.0230
%RSD	.69698	.31115	1.8422	.28033	.30521	.66281	1.3024

#1	29.274	.38103	.55266	9.8340	83.350	.62001	1.7897
#2	28.875	.37987	.55476	9.8326	82.903	.61620	1.7668
#3	29.015	.38224	.57147	9.8811	82.920	.62442	1.7437

Sample Name: J6472-03MS Acquired: 12/20/2018 14:25:15 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23047	6.343	.57207	5.1168	F<.00000
Stddev	.00042	.021	.00259	.0656	.65263
%RSD	.18419	.3295	.45274	1.2826	55.352

#1	.23043	6.332	.57501	5.1921	-1.7102
#2	.23006	6.330	.57013	5.0722	-1.3764
#3	.23091	6.367	.57106	5.0859	-.45052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.7	39023.	3784.1	88.916	2977.2
Stddev	15.6	127.	19.6	1.830	17.4
%RSD	.56224	.32609	.51872	2.0586	.58400

#1	2756.3	38888.	3761.4	86.961	2970.2
#2	2784.6	39041.	3795.4	89.199	2996.9
#3	2759.3	39141.	3795.4	90.589	2964.3

Sample Name: J6472-03MSD Acquired: 12/20/2018 14:29:27 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79917	1.6400	1.0933	1.7341	.68158	58.277	.51717
Stddev	.00293	.0061	.0030	.0061	.00478	.188	.00057
%RSD	.36702	.37314	.27397	.35294	.70091	.32258	.10973

#1	.80252	1.6459	1.0964	1.7282	.68459	58.149	.51742
#2	.79704	1.6404	1.0931	1.7404	.68407	58.493	.51757
#3	.79797	1.6337	1.0904	1.7336	.67607	58.190	.51652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18377	.17544	81.841	.48388	.20371	.37487	61.966
Stddev	.00045	.00020	.145	.00067	.00031	.00087	.246
%RSD	.24486	.11271	.17731	.13757	.15181	.23306	.39687

#1	.18425	.17564	81.769	.48464	.20344	.37542	61.858
#2	.18336	.17544	82.008	.48353	.20405	.37386	61.792
#3	.18370	.17524	81.745	.48345	.20364	.37532	62.248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4325	21.165	.47571	.06278	273.08	.37589	.74326
Stddev	.0021	.047	.00112	.00041	1.03	.00092	.00387
%RSD	.14888	.22292	.23483	.64681	.37631	.24439	.52044

#1	1.4349	21.217	.47644	.06280	273.93	.37662	.74652
#2	1.4319	21.125	.47626	.06237	273.36	.37486	.73899
#3	1.4308	21.153	.47442	.06318	271.94	.37620	.74428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.503	.38064	.56548	9.8329	F 86.129	.62125	1.8614
Stddev	.063	.00081	.01224	.0205	.506	.00092	.0083
%RSD	.21214	.21252	2.1654	.20814	.58785	.14748	.44820

#1	29.508	.38056	.55149	9.8563	86.703	.62140	1.8519
#2	29.564	.37987	.57068	9.8184	85.935	.62209	1.8653
#3	29.439	.38148	.57426	9.8241	85.748	.62027	1.8671

Sample Name: J6472-03MSD Acquired: 12/20/2018 14:29:27 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23362	6.332	.57528	5.2596	F<.00000
Stddev	.00185	.022	.00135	.1324	.85407
%RSD	.79006	.3417	.23459	2.5171	74.428

#1	.23149	6.357	.57590	5.4121	-1.5807
#2	.23463	6.320	.57622	5.1750	-1.6982
#3	.23474	6.319	.57374	5.1915	-.16365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.7	38886.	3751.0	88.535	2971.1
Stddev	4.5	152.	20.0	.443	10.6
%RSD	.16433	.39082	.53323	.50061	.35557

#1	2757.2	38717.	3728.2	88.122	2960.6
#2	2759.0	38932.	3759.0	89.003	2971.0
#3	2765.8	39010.	3765.7	88.479	2981.7

Sample Name: J6472-03A Acquired: 12/20/2018 14:33:39 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77386	1.5902	1.0607	1.6764	.65143	55.326	.50643
Stddev	.02814	.0397	.0292	.0653	.02905	.225	.00584
%RSD	3.6363	2.4964	2.7558	3.8976	4.4598	.40698	1.1522

#1	.79251	1.6131	1.0771	1.7151	.67160	55.236	.50705
#2	.78758	1.6133	1.0780	1.7131	.66455	55.582	.51194
#3	.74149	1.5444	1.0269	1.6010	.61813	55.160	.50031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18369	.16992	82.486	.47974	.19711	.36399	62.236
Stddev	.00048	.00472	.803	.00100	.00593	.01066	.967
%RSD	.26006	2.7792	.97409	.20751	3.0064	2.9292	1.5539

#1	.18332	.17239	82.183	.47860	.19993	.36974	63.218
#2	.18352	.17289	83.396	.48019	.20110	.37054	62.204
#3	.18423	.16447	81.877	.48043	.19030	.35169	61.285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4264	21.061	.46210	.06216	272.43	.37291	.73447
Stddev	.0013	.197	.01229	.00043	4.07	.00125	.02724
%RSD	.09413	.93497	2.6600	.68675	1.4938	.33464	3.7086

#1	1.4249	20.840	.46848	.06264	271.41	.37423	.75765
#2	1.4273	21.217	.46990	.06181	276.91	.37175	.74128
#3	1.4272	21.126	.44793	.06205	268.97	.37274	.70447

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.009	.36838	.56573	9.4907	F 81.167	.60260	1.7122
Stddev	.350	.01145	.01025	.3316	.350	.01617	.0163
%RSD	1.2069	3.1088	1.8124	3.4935	.43183	2.6828	.94993

#1	28.983	.37597	.55401	9.6754	81.066	.61075	1.7214
#2	29.371	.37397	.57012	9.6887	81.557	.61306	1.7219
#3	28.672	.35521	.57306	9.1079	80.878	.58398	1.6935

Sample Name: J6472-03A Acquired: 12/20/2018 14:33:39 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23481	6.125	.57702	5.3347	F<.00000
Stddev	.00150	.211	.00702	.0851	.24525
%RSD	.63778	3.449	1.2172	1.5958	16.859

#1	.23440	6.258	.57636	5.2453	-1.7273
#2	.23647	6.237	.58434	5.3439	-1.3849
#3	.23356	5.882	.57034	5.4148	-1.2520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.0	38833.	3733.5	87.504	3005.3
Stddev	27.5	137.	36.7	1.552	24.1
%RSD	.98693	.35390	.98375	1.7735	.80046

#1	2765.5	38875.	3725.5	85.838	2988.7
#2	2784.9	38679.	3701.4	87.768	2994.5
#3	2819.8	38944.	3773.6	88.908	3032.9

Sample Name: PB115856BL Acquired: 12/20/2018 14:37:51 Type: Unk
Method: P4-ICP2(v2673) 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	.00140	-.00031	.00125	-.00114	.00083	.01658	-.00051
Stddev	.00036	.00081	.00029	.00208	.00055	.01940	.00042
%RSD	25.321	262.71	23.149	181.71	66.081	117.03	82.109

#1	.00129	-.00102	.00145	-.00270	.00055	.03834	-.00013
#2	.00180	-.00047	.00137	.00122	.00048	.01032	-.00096
#3	.00111	.00057	.00092	-.00195	.00146	.00108	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	.00108	.00016	-.00004	-.00035	.00067
Stddev	.00005	.00006	.00514	.00022	.00007	.00028	.00160
%RSD	107.45	101.55	476.17	137.91	178.66	80.417	236.87

#1	.00004	.00012	.00096	-.00009	-.00004	-.00027	.00153
#2	.00009	.00006	.00627	.00028	-.00011	-.00066	-.00117
#3	.00000	-.00000	-.00400	.00029	.00003	-.00012	.00166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01962	.00009	.00016	-.09372	.00019	-.00051
Stddev	.00004	.02169	.00037	.00091	.00277	.00055	.00008
%RSD	654.49	110.57	397.20	573.51	2.9556	298.93	16.442

#1	-.00005	-.00539	.00052	.00096	-.09641	.00012	-.00042
#2	.00003	.03096	-.00006	.00034	-.09087	-.00033	-.00052
#3	.00000	.03328	-.00018	-.00083	-.09388	.00077	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03337	-.00022	-.00158	-.00956	.01174	-.00172	.00017
Stddev	.00509	.00020	.00416	.00105	.00770	.00070	.00159
%RSD	15.242	94.995	263.02	10.992	65.530	40.911	922.18

#1	.02827	-.00013	.00168	-.01071	.01726	-.00137	-.00150
#2	.03844	-.00045	-.00016	-.00933	.01501	-.00126	.00036
#3	.03339	-.00007	-.00626	-.00864	.00295	-.00253	.00166

Sample Name: PB115856BL Acquired: 12/20/2018 14:37:51 Type: Unk
Method: P4-ICP2(v2673) 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	-0.00355	-0.0025	-0.00002	F 3.2833	F<.00000
Stddev	.00038	.0005	.00005	.1042	.16392
%RSD	10.779	21.70	287.28	3.1723	18.566

#1	-0.00362	-0.0031	-0.00004	3.3679	-1.0635
#2	-0.00389	-0.0020	.00004	3.3150	-.74353
#3	-0.00313	-0.0025	-0.00006	3.1670	-.84177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.2	42140.	3741.6	93.956	3624.4
Stddev	15.9	244.	47.8	1.576	14.1
%RSD	.54048	.57892	1.2764	1.6776	.38807

#1	2922.8	41861.	3687.8	93.883	3610.2
#2	2937.2	42317.	3758.3	92.417	3624.5
#3	2954.5	42241.	3778.8	95.567	3638.4

Sample Name: PB115856BS Acquired: 12/20/2018 14:42:21 Type: Unk
Method: P4-ICP2(v2673) 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	.79976	1.8462	.94676	1.8894	.80035	2.0060	.21136
Stddev	.00358	.0060	.00580	.0040	.00424	.0019	.00020
%RSD	.44821	.32398	.61300	.21185	.52924	.09448	.09568

#1	.80318	1.8530	.95298	1.8933	.80522	2.0071	.21120
#2	.80006	1.8434	.94582	1.8853	.79750	2.0072	.21159
#3	.79603	1.8421	.94149	1.8897	.79834	2.0038	.21130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18953	.18055	1.1008	.40604	.19508	.31190	2.9282
Stddev	.00007	.00068	.0098	.00143	.00077	.00038	.0289
%RSD	.03720	.37694	.89427	.35188	.39333	.12163	.98659

#1	.18947	.18133	1.0896	.40603	.19596	.31228	2.9107
#2	.18961	.18021	1.1082	.40747	.19477	.31153	2.9122
#3	.18952	.18010	1.1044	.40461	.19452	.31190	2.9615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20972	2.1356	.46772	.06896	2.8340	.28652	.20105
Stddev	.00029	.0399	.00244	.00098	.0194	.00026	.00169
%RSD	.13688	1.8707	.52067	1.4270	.68299	.09178	.84117

#1	.20972	2.1045	.47030	.06844	2.8163	.28683	.20001
#2	.21000	2.1216	.46546	.07009	2.8309	.28635	.20014
#3	.20943	2.1806	.46740	.06834	2.8547	.28640	.20300

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.282	.41966	.27969	F .07086	.90634	.63408	.19218
Stddev	.019	.00160	.00489	.00397	.00622	.00166	.00171
%RSD	.18024	.38038	1.7475	5.6028	.68625	.26105	.88954

#1	10.264	.42099	.27495	.06926	.90472	.63599	.19367
#2	10.280	.42010	.28471	.07539	.91321	.63309	.19031
#3	10.301	.41789	.27942	.06795	.90109	.63315	.19256

Sample Name: PB115856BS Acquired: 12/20/2018 14:42:21 Type: Unk
Method: P4-ICP2(v2673) 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	.19925	4.884	.21124	F 3.3587	F<.00000
Stddev	.00220	.024	.00069	.1286	.54419
%RSD	1.1052	.4839	.32705	3.8293	13.859
#1	.19809	4.911	.21049	3.4832	-3.8196
#2	.19788	4.867	.21185	3.2264	-3.4437
#3	.20179	4.873	.21137	3.3665	-4.5162
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.6	41968.	3727.9	92.481	3543.1
Stddev	18.8	145.	6.8	.570	23.4
%RSD	.64374	.34477	.18303	.61580	.66164
#1	2893.9	41806.	3727.2	92.583	3516.2
#2	2919.7	42012.	3721.4	92.992	3553.4
#3	2930.4	42085.	3735.0	91.867	3559.6

Sample Name: PB115856TB Acquired: 12/20/2018 14:46:29 Type: Unk
Method: P4-ICP2(v2673) 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	-.00217	-.00198	-.00005	.00118	.00043	.00642	-.00109
Stddev	.00131	.00095	.00098	.00106	.00213	.00485	.00019
%RSD	60.427	47.913	2012.9	89.772	495.85	75.507	17.259

#1	-.00071	-.00168	-.00114	.00237	-.00158	.00827	-.00095
#2	-.00325	-.00305	.00078	.00081	.00021	.01007	-.00130
#3	-.00254	-.00122	.00021	.00036	.00265	.00092	-.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00010	.02206	.00081	-.00014	-.00055	.00056
Stddev	.00005	.00004	.02133	.00031	.00009	.00029	.01345
%RSD	113.36	36.129	96.709	37.898	68.305	52.457	2397.7

#1	-.00004	-.00014	.00314	.00117	-.00003	-.00084	.01278
#2	-.00011	-.00007	.01785	.00063	-.00022	-.00055	-.01385
#3	.00000	-.00009	.04519	.00064	-.00016	-.00026	.00276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00774	.00311	.00330	F 416.37	.00002	.00434
Stddev	.00008	.01971	.00027	.00023	4.41	.00022	.00018
%RSD	181.10	254.46	8.5563	6.9723	1.0595	1237.9	4.2346

#1	.00006	.00930	.00303	.00304	412.13	-.00022	.00431
#2	-.00004	-.02933	.00340	.00338	420.94	.00006	.00453
#3	.00012	-.00321	.00289	.00347	416.03	.00021	.00417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13654	.00038	.00350	-.00264	.01278	-.00029	-.00021
Stddev	.02704	.00027	.00662	.00104	.00054	.00014	.00256
%RSD	19.807	70.089	189.06	39.471	4.2398	47.636	1209.2

#1	.11695	.00050	-.00357	-.00149	.01312	-.00017	.00253
#2	.12528	.00057	.00453	-.00292	.01305	-.00026	-.00062
#3	.16740	.00007	.00954	-.00351	.01215	-.00045	-.00255

Sample Name: PB115856TB Acquired: 12/20/2018 14:46:29 Type: Unk
Method: P4-ICP2(v2673) 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	-.00317	-.0025	.00000	F 5.5688	F<.00000
Stddev	.00220	.0009	.00003	.1404	.48947
%RSD	69.258	35.74	1421.6	2.5203	591.31
#1	-.00472	-.0015	-.00000	5.7234	-.53809
#2	-.00066	-.0030	.00004	5.4494	.43488
#3	-.00414	-.0031	-.00003	5.5335	-.14512
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.1	38107.	3668.0	90.128	3084.7
Stddev	16.3	154.	19.9	1.036	20.5
%RSD	.60029	.40362	.54292	1.1490	.66531
#1	2704.6	37941.	3665.7	89.783	3070.9
#2	2711.1	38135.	3649.4	89.308	3074.9
#3	2735.5	38244.	3689.0	91.292	3108.3

Sample Name: J6462-06 Acquired: 12/20/2018 14:51:06 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00379	.01072	.00187	.00697	9.7491	.27351	.00076
Stddev	.00279	.00135	.00053	.00184	.00183	.0337	.00326	.00007
%RSD	569.13	35.647	4.9189	98.866	26.317	.34578	1.1936	9.8564
#1	.00049	-.00528	.01122	-.00024	.00850	9.7879	.27205	.00070
#2	-.00230	-.00264	.01017	.00265	.00494	9.7321	.27725	.00073
#3	.00329	-.00347	.01079	.00319	.00746	9.7272	.27123	.00084
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	70.319	.02567	.00865	.03650	15.612	.54039	27.832
Stddev	.00003	1.104	.00015	.00009	.00024	.200	.00058	.385
%RSD	2.6356	1.5695	.59021	1.0153	.66610	1.2817	.10655	1.3850
#1	.00102	69.841	.02550	.00857	.03675	15.782	.54070	27.641
#2	.00104	71.581	.02573	.00874	.03627	15.661	.54075	28.276
#3	.00099	69.535	.02578	.00863	.03646	15.391	.53973	27.580
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01596	.00032	95.846	.03325	.22081	14.945	.00806	.07792
Stddev	.00068	.00019	1.325	.00012	.00308	.137	.00011	.00908
%RSD	4.2427	58.356	1.3828	.36979	1.3944	.91641	1.3742	11.656
#1	.01573	.00010	95.582	.03338	.22214	14.903	.00813	.06765
#2	.01672	.00041	97.283	.03314	.22300	15.098	.00793	.08488
#3	.01543	.00044	94.672	.03322	.21729	14.833	.00811	.08123
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.676	F 38.512	-.01411	.23550	.01881	.8843	.28346	5.2644
Stddev	.077	.653	.00063	.00577	.00102	.0039	.00405	.1658
%RSD	.18486	1.6955	4.4576	2.4485	5.4413	.4462	1.4296	3.1487
#1	41.658	38.278	-.01459	.23634	.01876	.8807	.28235	5.4024
#2	41.610	39.250	-.01434	.24080	.01986	.8836	.28795	5.3101
#3	41.761	38.009	-.01340	.22936	.01782	.8885	.28007	5.0805

Sample Name: J6462-06 Acquired: 12/20/2018 14:51:06 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4581
Stddev	.3155
%RSD	12.833

#1	2.3119
#2	2.2423
#3	2.8202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.0	38828.	3738.1	91.443	3125.3
Stddev	13.7	219.	61.2	1.617	13.5
%RSD	.50604	.56328	1.6372	1.7684	.43137

#1	2693.6	38595.	3745.1	90.478	3110.2
#2	2720.0	38859.	3673.7	90.541	3136.2
#3	2713.3	39029.	3795.5	93.310	3129.4

Sample Name: J6462-07 Acquired: 12/20/2018 14:59:52 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00168	-.00053	-.00049	-.00040	.26372	.03292
Stddev	.00156	.00106	.00060	.00244	.00077	.00986	.00014
%RSD	147.25	63.149	112.67	498.60	191.04	3.7376	.43158

#1	.00074	-.00074	.00013	-.00156	-.00080	.25809	.03279
#2	-.00206	-.00147	-.00070	.00230	-.00089	.27510	.03291
#3	-.00185	-.00283	-.00104	-.00222	.00048	.25797	.03307

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00010	7.2607	.00134	.00020	.00256	.47159
Stddev	.00003	.00006	.0180	.00007	.00006	.00021	.02163
%RSD	121.47	62.106	.24812	5.3770	29.691	8.0538	4.5871

#1	-.00004	.00003	7.2810	.00126	.00014	.00280	.44760
#2	-.00002	.00013	7.2467	.00140	.00021	.00248	.48963
#3	.00001	.00016	7.2543	.00136	.00025	.00241	.47753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04295	2.0168	.00149	-.00007	13.098	.00170	.04302
Stddev	.00010	.0361	.00054	.00029	.042	.00070	.00107
%RSD	.22641	1.7915	36.075	409.90	.32190	41.314	2.4983

#1	.04291	2.0357	.00093	-.00039	13.145	.00180	.04193
#2	.04306	2.0396	.00200	.00017	13.085	.00095	.04306
#3	.04288	1.9751	.00154	.00000	13.064	.00235	.04408

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1986	.00081	.02971	5.2143	3.0154	-.00319	.01028
Stddev	.0085	.00005	.00161	.0173	.0264	.00011	.00110
%RSD	.71143	6.2756	5.4256	.33264	.87698	3.3906	10.729

#1	1.1892	.00086	.02787	5.2017	3.0459	-.00331	.00921
#2	1.2008	.00076	.03036	5.2341	2.9989	-.00318	.01020
#3	1.2058	.00082	.03089	5.2071	3.0013	-.00309	.01141

Sample Name: J6462-07 Acquired: 12/20/2018 14:59:52 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00543	.0527	.02646	3.2013	F<.00000
Stddev	.00093	.0010	.00006	.1330	.11523
%RSD	17.167	1.832	.23976	4.1552	10.339

#1	-.00519	.0524	.02649	3.0479	-1.1168
#2	-.00646	.0518	.02650	3.2852	-.99818
#3	-.00464	.0537	.02638	3.2707	-1.2286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.3	41869.	3782.5	92.710	3545.9
Stddev	14.3	134.	26.6	2.393	20.6
%RSD	.49208	.32077	.70206	2.5809	.58235

#1	2924.7	41975.	3752.6	95.276	3567.3
#2	2896.3	41718.	3803.3	92.314	3526.1
#3	2906.9	41915.	3791.6	90.540	3544.2

Sample Name: J6462-07DUP Acquired: 12/20/2018 15:04:16 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00132	-.00153	-.00123	.00092	.26176	.03280	.00000
Stddev	.00173	.00037	.00052	.00083	.00023	.00996	.00067	.00004
%RSD	1603.3	28.451	33.705	67.650	25.008	3.8066	2.0310	1900.5

#1	-.00050	-.00141	-.00213	-.00064	.00069	.27251	.03321	-.00003
#2	-.00162	-.00163	-.00119	-.00088	.00115	.25994	.03315	-.00001
#3	.00179	-.00090	-.00127	-.00218	.00091	.25284	.03203	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	7.2141	.00116	.00016	.00279	.47846	.04284	1.9824
Stddev	.00005	.0958	.00037	.00021	.00008	.00216	.00012	.0093
%RSD	26.634	1.3272	31.840	128.82	2.8529	.45115	.28071	.46979

#1	.00015	7.2862	.00111	.00038	.00285	.47995	.04295	1.9909
#2	.00021	7.2505	.00154	-.00003	.00270	.47598	.04286	1.9724
#3	.00025	7.1054	.00081	.00013	.00283	.47944	.04271	1.9838

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00014	12.890	.00160	.04237	1.2003	.00084	.02443
Stddev	.00014	.00054	.217	.00020	.00032	.0101	.00007	.00592
%RSD	9.1718	385.46	1.6852	12.326	.74836	.84260	8.1704	24.240

#1	.00159	.00014	13.025	.00167	.04251	1.2100	.00076	.02273
#2	.00160	.00069	13.007	.00176	.04259	1.2012	.00086	.03101
#3	.00135	-.00040	12.640	.00138	.04200	1.1898	.00089	.01954

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1889	2.9854	-.00366	.00772	-.00560	.0531	.02622	3.3534
Stddev	.0063	.0518	.00019	.00138	.00065	.0006	.00048	.1300
%RSD	.12229	1.7358	5.2196	17.900	11.515	1.211	1.8352	3.8769

#1	5.1838	3.0127	-.00359	.00641	-.00565	.0533	.02655	3.3551
#2	5.1960	3.0179	-.00387	.00916	-.00494	.0537	.02644	3.4826
#3	5.1868	2.9256	-.00351	.00759	-.00622	.0524	.02567	3.2226

Sample Name: J6462-07DUP Acquired: 12/20/2018 15:04:16 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.38723
%RSD	38.885

#1	-.75366
#2	-1.4424
#3	-.79141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.9	41925.	3824.0	93.969	3549.4
Stddev	14.6	138.	60.3	.721	18.4
%RSD	.50112	.32922	1.5776	.76724	.51949

#1	2903.0	41782.	3780.4	93.311	3528.5
#2	2931.8	41934.	3798.6	93.856	3563.2
#3	2922.0	42058.	3892.8	94.739	3556.6

Sample Name: J6462-07LX5 Acquired: 12/20/2018 15:08:41 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115856BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00035	.00009	-.00372	.00103	.05075	.00591	-.00002
Stddev	.00140	.00068	.00018	.00092	.00090	.00685	.00027	.00003
%RSD	254.37	195.32	185.69	24.646	87.492	13.492	4.4990	123.96

#1	.00079	.00026	-.00004	-.00420	.00159	.05577	.00583	-.00004
#2	-.00095	-.00108	.00003	-.00429	-.00001	.05353	.00570	.00001
#3	.00181	-.00022	.00029	-.00266	.00150	.04295	.00621	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	1.5708	.00014	.00003	.00045	.09101	.00913	.45456
Stddev	.00001	.0055	.00014	.00009	.00014	.00244	.00006	.01928
%RSD	16.608	.35296	101.94	347.75	31.435	2.6782	.61219	4.2409

#1	.00009	1.5705	.00025	.00011	.00029	.09192	.00908	.46048
#2	.00009	1.5764	-.00002	.00004	.00052	.09286	.00919	.43302
#3	.00006	1.5653	.00020	-.00007	.00054	.08825	.00912	.47018

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00011	2.6567	.00026	.00812	.23044	.00013	.00302
Stddev	.00033	.00020	.0205	.00035	.00010	.01015	.00012	.00412
%RSD	87.479	173.36	.77226	133.94	1.1809	4.4046	94.302	136.62

#1	.00073	.00024	2.6736	.00042	.00813	.22643	.00026	.00649
#2	.00029	.00022	2.6339	.00051	.00821	.22291	.00001	.00410
#3	.00010	-.00011	2.6628	-.00014	.00802	.24198	.00013	-.00154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1103	.66115	-.00224	.00117	-.00669	.0102	.00562	3.1795
Stddev	.0092	.00460	.00002	.00140	.00067	.0006	.00005	.0231
%RSD	.82742	.69534	.83515	119.24	9.9850	5.899	.91779	.72659

#1	1.1198	.66191	-.00222	-.00010	-.00726	.0106	.00565	3.1756
#2	1.1095	.66532	-.00224	.00267	-.00685	.0095	.00564	3.2043
#3	1.1015	.65622	-.00225	.00095	-.00596	.0106	.00556	3.1586

Sample Name: J6462-07LX5 Acquired: 12/20/2018 15:08:41 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115856BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.34279
%RSD	50.615

#1	-.29289
#2	-.78757
#3	-.95132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2955.2	42337.	3804.4	95.511	3618.0
Stddev	8.5	55.	22.9	1.093	16.5
%RSD	.28726	.13029	.60202	1.1440	.45700

#1	2947.0	42275.	3785.9	96.108	3600.6
#2	2954.6	42354.	3797.4	94.250	3619.8
#3	2964.0	42382.	3830.0	96.175	3633.6

Sample Name: CCV03 Acquired: 12/20/2018 15:26:50 Type: Unk
Method: P4-ICP2(v2673) 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	5.4502	4.9125	5.1247	5.2089	5.3761	10.522	10.320	.25701
Stddev	.0019	.0187	.0277	.0110	.0084	.036	.007	.00049
%RSD	.03406	.38138	.54105	.21058	.15609	.34493	.06930	.19229
#1	5.4487	4.9307	5.1470	5.2153	5.3839	10.538	10.316	.25699
#2	5.4522	4.9136	5.1334	5.2152	5.3770	10.480	10.316	.25652
#3	5.4496	4.8933	5.0936	5.1963	5.3672	10.547	10.328	.25751
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4840	26.395	1.0117	2.5353	1.2971	4.8296	2.5638	25.682
Stddev	.0118	.084	.0035	.0136	.0030	.0115	.0006	.165
%RSD	.47339	.31897	.34216	.53679	.23221	.23832	.02501	.64241
#1	2.4902	26.359	1.0086	2.5442	1.2992	4.8339	2.5645	25.527
#2	2.4915	26.334	1.0155	2.5420	1.2983	4.8383	2.5633	25.663
#3	2.4705	26.491	1.0112	2.5196	1.2936	4.8165	2.5637	25.855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4368	1.2411	24.146	2.3750	2.5341	25.501	5.4027	4.9549
Stddev	.0149	.0032	.050	.0058	.0300	.024	.0146	.0309
%RSD	.61175	.25746	.20742	.24363	1.1846	.09428	.27080	.62392
#1	2.4439	1.2397	24.108	2.3686	2.5088	25.503	5.4140	4.9354
#2	2.4468	1.2387	24.127	2.3765	2.5673	25.524	5.4078	4.9388
#3	2.4197	1.2447	24.203	2.3798	2.5262	25.476	5.3862	4.9906
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1535	5.2215	5.1025	5.1125	5.0659	4.972	5.4037	4.9905
Stddev	.0260	.0312	.0307	.0214	.0106	.025	.0163	.0959
%RSD	.50387	.59761	.60112	.41942	.20965	.4928	.30162	1.9221
#1	5.1715	5.1911	5.1238	5.1179	5.0557	4.987	5.3873	4.9944
#2	5.1654	5.2199	5.1164	5.0888	5.0650	4.985	5.4039	5.0845
#3	5.1237	5.2534	5.0673	5.1307	5.0769	4.944	5.4199	4.8928

Sample Name: CCV03 Acquired: 12/20/2018 15:26:50 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5421
Stddev .8421
%RSD 33.127

#1 1.7024
#2 2.5374
#3 3.3866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.7	40152.	3753.1	90.783	3197.2
Stddev	10.8	87.	4.9	.913	18.9
%RSD	.38144	.21699	.13146	1.0062	.59220

#1	2813.0	40055.	3758.5	91.483	3181.9
#2	2823.6	40177.	3752.1	89.750	3191.3
#3	2834.5	40224.	3748.8	91.117	3218.4

Sample Name: CCB03 Acquired: 12/20/2018 15:43:59 Type: Unk
Method: P4-ICP2(v2673) 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	.00108	.00086	-.00010	-.00047	.00052	.00351	-.00125
Stddev	.00209	.00037	.00043	.00247	.00017	.00430	.00042
%RSD	194.37	43.358	431.60	525.42	33.183	122.29	33.815

#1	.00202	.00051	-.00057	.00063	.00049	.00846	-.00173
#2	.00253	.00082	.00002	.00125	.00071	.00067	-.00112
#3	-.00132	.00125	.00026	-.00329	.00036	.00142	-.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.00591	.00031	-.00021	-.00048	-.00224
Stddev	.00006	.00005	.01092	.00028	.00014	.00019	.01187
%RSD	459.56	116.08	184.85	91.654	67.114	40.468	530.46

#1	-.00005	.00003	-.00259	.00062	-.00006	-.00057	.00775
#2	.00007	.00010	.01823	.00025	-.00033	-.00026	.00090
#3	.00001	.00000	.00209	.00006	-.00023	-.00062	-.01536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01780	.00033	.00036	-.21645	.00033	-.00077
Stddev	.00004	.03019	.00006	.00033	.00696	.00032	.00009
%RSD	90.300	169.64	17.038	91.183	3.2169	96.319	11.203

#1	-.00007	.04328	.00033	-.00001	-.20899	.00047	-.00068
#2	-.00000	-.01555	.00039	.00063	-.21760	-.00003	-.00078
#3	-.00005	.02566	.00028	.00046	-.22277	.00055	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01426	-.00007	.00095	F -.01035	.00393	-.00119	-.00082
Stddev	.01741	.00019	.00228	.00041	.00289	.00035	.00141
%RSD	122.07	260.25	239.74	3.9901	73.532	29.605	170.97

#1	.00582	.00011	.00350	-.01024	.00109	-.00153	-.00244
#2	-.02510	-.00027	.00027	-.01080	.00686	-.00083	-.00015
#3	-.02350	-.00007	-.00092	-.01000	.00383	-.00121	.00012

Sample Name: CCB03 Acquired: 12/20/2018 15:43:59 Type: Unk
 Method: P4-ICP2(v2673) 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	-0.00696	-0.0022	.00009	F 2.6656	F<.00000
Stddev	.00108	.0005	.00003	.1346	.20578
%RSD	15.445	22.25	29.965	5.0484	33.684
#1	-0.00613	-0.0019	.00008	2.8123	-.50241
#2	-0.00818	-0.0020	.00007	2.5479	-.84825
#3	-0.00659	-0.0028	.00013	2.6367	-.48211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.1	43494.	3886.6	95.944	3723.1
Stddev	16.9	222.	21.7	.441	18.1
%RSD	.56084	.51149	.55780	.46012	.48726
#1	3036.5	43276.	3869.2	96.433	3735.7
#2	3005.9	43720.	3879.7	95.825	3702.3
#3	3008.7	43485.	3910.9	95.575	3731.3

Sample Name: J6462-07MS Acquired: 12/20/2018 15:48:27 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81786	1.8433	.95778	1.9227	.80425	2.3688	.25716
Stddev	.00791	.0071	.00482	.0094	.00579	.0194	.00138
%RSD	.96686	.38602	.50369	.48744	.71987	.81815	.53840

#1	.82413	1.8509	.96334	1.9247	.80898	2.3468	.25875
#2	.80897	1.8368	.95525	1.9124	.79779	2.3759	.25645
#3	.82048	1.8423	.95474	1.9308	.80599	2.3836	.25628

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19245	.18343	9.4692	.41236	.20008	.31667	3.4675
Stddev	.00058	.00092	.0208	.00191	.00162	.00303	.0666
%RSD	.30031	.50089	.21949	.46353	.81216	.95783	1.9197

#1	.19194	.18413	9.4795	.41041	.20132	.31797	3.4280
#2	.19308	.18239	9.4828	.41245	.19824	.31321	3.5444
#3	.19233	.18377	9.4453	.41423	.20068	.31884	3.4303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25905	4.4005	.47179	.06770	17.964	.29318	.24588
Stddev	.00048	.0221	.00166	.00022	.098	.00078	.00215
%RSD	.18630	.50149	.35150	.32081	.54578	.26713	.87565

#1	.25870	4.3751	.47293	.06746	18.077	.29241	.24753
#2	.25960	4.4124	.46989	.06788	17.903	.29397	.24667
#3	.25886	4.4141	.47255	.06776	17.911	.29316	.24345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.771	.42263	.31831	5.9938	4.4122	.63502	.20650
Stddev	.061	.00369	.01365	.0367	.0670	.00541	.00134
%RSD	.52027	.87276	4.2895	.61305	1.5179	.85122	.64842

#1	11.820	.42470	.32775	6.0326	4.4796	.63796	.20686
#2	11.702	.41837	.30265	5.9596	4.4112	.62878	.20763
#3	11.790	.42481	.32452	5.9893	4.3457	.63831	.20503

Sample Name: J6462-07MS Acquired: 12/20/2018 15:48:27 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20420	5.133	.24082	3.3473	F<.00000
Stddev	.00243	.022	.00106	.0295	.25503
%RSD	1.1904	.4288	.43953	.88088	7.4473

#1	.20700	5.154	.24199	3.3362	-3.5970
#2	.20283	5.110	.23993	3.3807	-3.5448
#3	.20275	5.135	.24054	3.3250	-3.1315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.5	42246.	3838.9	95.436	3532.4
Stddev	21.8	120.	48.6	1.343	21.6
%RSD	.74051	.28359	1.2662	1.4076	.61205

#1	2918.4	42146.	3782.9	94.517	3507.7
#2	2961.9	42213.	3864.2	94.814	3548.2
#3	2941.2	42379.	3869.7	96.978	3541.2

Sample Name: J6462-07MSD Acquired: 12/20/2018 15:52:33 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81211	1.8360	.95587	1.9263	.80582	2.3604	.25806
Stddev	.00421	.0008	.00558	.0070	.00157	.0331	.00303
%RSD	.51781	.04359	.58400	.36177	.19425	1.4044	1.1726

#1	.80949	1.8369	.95059	1.9193	.80597	2.3259	.25923
#2	.81696	1.8356	.96171	1.9333	.80730	2.3632	.26033
#3	.80988	1.8354	.95532	1.9263	.80418	2.3920	.25463

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19120	.18301	9.5482	.40990	.19944	.31522	3.5384
Stddev	.00073	.00065	.0994	.00096	.00111	.00065	.0401
%RSD	.37970	.35687	1.0411	.23317	.55691	.20607	1.1318

#1	.19038	.18265	9.4868	.40891	.19868	.31496	3.5184
#2	.19146	.18376	9.6629	.40998	.20071	.31596	3.5845
#3	.19175	.18261	9.4949	.41081	.19892	.31474	3.5123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25742	4.4070	.47112	.06761	18.022	.29228	.24758
Stddev	.00070	.1041	.00123	.00082	.238	.00012	.00221
%RSD	.27362	2.3627	.26029	1.2200	1.3179	.04233	.89091

#1	.25662	4.3807	.46991	.06854	18.109	.29239	.24697
#2	.25771	4.5217	.47237	.06697	18.204	.29215	.25002
#3	.25794	4.3185	.47109	.06731	17.754	.29230	.24573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.847	.42107	.32518	5.9906	4.4277	.63463	.20914
Stddev	.067	.00154	.01168	.0218	.0873	.00244	.00028
%RSD	.56871	.36521	3.5916	.36397	1.9709	.38498	.13283

#1	11.839	.42079	.31651	5.9989	4.4671	.63234	.20937
#2	11.918	.42273	.33846	6.0071	4.4884	.63721	.20923
#3	11.784	.41969	.32057	5.9659	4.3277	.63435	.20883

Sample Name: J6462-07MSD Acquired: 12/20/2018 15:52:33 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20530	5.125	.24133	3.0432	F<.00000
Stddev	.00267	.021	.00376	.0306	.16689
%RSD	1.3022	.4045	1.5564	1.0070	4.3593

#1	.20460	5.122	.24220	3.0509	-4.0078
#2	.20825	5.147	.24457	3.0095	-3.6778
#3	.20304	5.106	.23721	3.0693	-3.7995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2955.1	42725.	3834.7	94.771	3545.4
Stddev	20.8	123.	74.9	1.172	23.7
%RSD	.70546	.28884	1.9525	1.2366	.66710

#1	2941.9	42740.	3799.3	94.275	3530.9
#2	2944.3	42594.	3784.0	93.929	3532.6
#3	2979.1	42839.	3920.7	96.110	3572.7

Sample Name: J6462-07A Acquired: 12/20/2018 15:56:40 Type: Unk
Method: P4-ICP2(v2673) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82113	1.8475	.96077	1.9296	.81019	2.3577	.25375
Stddev	.01171	.0261	.01295	.0311	.00807	.0225	.00041
%RSD	1.4256	1.4101	1.3481	1.6099	.99553	.95204	.16273

#1	.81297	1.8327	.95285	1.9074	.80318	2.3360	.25329
#2	.83454	1.8776	.97572	1.9651	.81901	2.3808	.25388
#3	.81588	1.8321	.95374	1.9163	.80838	2.3564	.25409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19215	.18371	9.3868	.41237	.20000	.31835	3.4260
Stddev	.00058	.00288	.0762	.00092	.00301	.00567	.0767
%RSD	.30262	1.5689	.81174	.22294	1.5069	1.7797	2.2375

#1	.19281	.18180	9.3552	.41246	.19821	.31420	3.5099
#2	.19193	.18703	9.3315	.41325	.20348	.32480	3.3595
#3	.19172	.18231	9.4737	.41141	.19831	.31605	3.4088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25831	4.3387	.47291	.06783	17.750	.29342	.24189
Stddev	.00080	.0233	.00653	.00069	.032	.00122	.00396
%RSD	.31011	.53762	1.3817	1.0180	.17826	.41592	1.6365

#1	.25873	4.3241	.46994	.06704	17.785	.29445	.24627
#2	.25881	4.3265	.48040	.06814	17.743	.29372	.23858
#3	.25738	4.3656	.46839	.06831	17.723	.29207	.24081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.639	.42480	.31187	6.0128	4.4319	.63695	.20441
Stddev	.034	.00513	.00215	.0892	.0546	.01000	.00147
%RSD	.29145	1.2087	.68936	1.4843	1.2308	1.5697	.71789

#1	11.651	.42058	.31119	5.9864	4.4536	.63142	.20334
#2	11.601	.43052	.31014	6.1122	4.4723	.64849	.20608
#3	11.665	.42329	.31427	5.9397	4.3699	.63094	.20381

Sample Name: J6462-07A Acquired: 12/20/2018 15:56:40 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20145	5.150	.23805	3.2083	F<.00000
Stddev	.00049	.069	.00112	.0576	.62319
%RSD	.24168	1.342	.46956	1.7946	17.815
#1	.20097	5.111	.23681	3.1970	-3.8276
#2	.20195	5.230	.23898	3.1572	-3.8873
#3	.20144	5.110	.23837	3.2707	-2.7793
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.6	42439.	3871.4	96.886	3525.0
Stddev	32.3	189.	7.0	1.920	48.2
%RSD	1.1046	.44626	.18031	1.9820	1.3675
#1	2946.5	42274.	3863.5	94.767	3541.6
#2	2888.4	42396.	3873.9	98.511	3470.7
#3	2942.0	42646.	3876.7	97.380	3562.7

Sample Name: PB115888BL Acquired: 12/20/2018 16:00:46 Type: Unk
Method: P4-ICP2(v2673) 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	.00125	.00041	-.00067	-.00075	.00113	.00010	-.00143
Stddev	.00060	.00113	.00082	.00090	.00036	.00693	.00060
%RSD	48.248	272.69	123.66	119.94	31.741	6710.8	42.219

#1	.00153	-.00070	.00005	-.00129	.00124	.00138	-.00076
#2	.00167	.00038	-.00157	.00029	.00073	.00631	-.00160
#3	.00056	.00156	-.00048	-.00124	.00142	-.00737	-.00193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00004	.01464	.00002	-.00003	-.00062	.00230
Stddev	.00003	.00005	.00578	.00004	.00009	.00039	.00719
%RSD	67.090	137.34	39.502	190.21	307.00	62.191	312.57

#1	.00002	-.00000	.01357	.00003	-.00012	-.00018	.00352
#2	.00008	.00010	.00947	.00005	.00005	-.00092	-.00542
#3	.00004	.00002	.02089	-.00002	-.00001	-.00076	.00879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03157	.00062	.00024	-.22615	-.00002	-.00099
Stddev	.00001	.01404	.00014	.00027	.00400	.00028	.00010
%RSD	32.820	44.493	22.355	111.12	1.7702	1258.2	10.398

#1	-.00004	.02887	.00075	.00032	-.23068	-.00033	-.00088
#2	-.00002	.01906	.00064	-.00006	-.22310	.00019	-.00109
#3	-.00004	.04676	.00047	.00046	-.22466	.00007	-.00099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00642	-.00006	-.00222	-.00876	.00239	-.00100	-.00015
Stddev	.02139	.00006	.00404	.00037	.00047	.00066	.00034
%RSD	333.34	100.70	181.61	4.2253	19.782	65.934	221.90

#1	-.03012	-.00004	.00188	-.00913	.00271	-.00034	-.00042
#2	-.00059	-.00001	-.00619	-.00839	.00261	-.00166	-.00027
#3	.01145	-.00012	-.00235	-.00876	.00185	-.00099	.00023

Sample Name: PB115888BL Acquired: 12/20/2018 16:00:46 Type: Unk
Method: P4-ICP2(v2673) 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	-0.00643	-0.0030	-0.00001	F 2.6375	F<.00000
Stddev	.00092	.0005	.00003	.1323	.19023
%RSD	14.276	17.79	372.55	5.0143	30.329

#1	-0.00595	-0.0036	-0.00000	2.4848	-.54314
#2	-0.00585	-0.0026	.00002	2.7157	-.49353
#3	-0.00749	-0.0027	-0.00004	2.7119	-.84501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.1	43655.	3944.0	96.908	3752.4
Stddev	19.8	96.	60.5	2.440	29.2
%RSD	.65537	.21961	1.5331	2.5176	.77798

#1	3006.5	43766.	3878.4	94.133	3723.1
#2	3046.1	43602.	3997.5	97.875	3781.5
#3	3028.7	43597.	3956.2	98.717	3752.7

Sample Name: PB115888BS Acquired: 12/20/2018 16:05:15 Type: Unk
Method: P4-ICP2(v2673) 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	.80138	1.8324	.94763	1.8957	.80144	1.9887	.20748
Stddev	.00770	.0043	.00345	.0132	.00657	.0120	.00275
%RSD	.96039	.23246	.36369	.69710	.81982	.60275	1.3273

#1	.80671	1.8372	.95150	1.9042	.80649	1.9862	.20573
#2	.80487	1.8293	.94490	1.9024	.80381	2.0017	.20606
#3	.79256	1.8306	.94648	1.8805	.79401	1.9781	.21065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18683	.18002	1.1054	.40301	.19411	.31202	2.8610
Stddev	.00101	.00033	.0075	.00109	.00032	.00271	.0887
%RSD	.54283	.18539	.68017	.27026	.16505	.86761	3.1018

#1	.18780	.18007	1.1116	.40389	.19402	.31381	2.8646
#2	.18692	.17966	1.0970	.40334	.19447	.31334	2.7705
#3	.18577	.18033	1.1076	.40179	.19385	.30891	2.9479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20645	2.0903	.46559	.06798	2.7251	.28125	.19542
Stddev	.00046	.0205	.00129	.00076	.0417	.00171	.00503
%RSD	.22059	.98098	.27785	1.1153	1.5286	.60865	2.5741

#1	.20697	2.0667	.46685	.06866	2.7131	.28310	.19656
#2	.20627	2.1009	.46567	.06812	2.6907	.27973	.18992
#3	.20611	2.1034	.46426	.06716	2.7714	.28092	.19979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.061	.42074	.28407	F .07843	.88764	.63185	.18961
Stddev	.119	.00366	.01331	.00042	.01200	.00075	.00294
%RSD	1.1810	.86898	4.6840	.53546	1.3522	.11855	1.5528

#1	9.9899	.42232	.27461	.07854	.89000	.63147	.18644
#2	9.9958	.42335	.27832	.07797	.87464	.63137	.19014
#3	10.199	.41656	.29929	.07879	.89829	.63271	.19226

Sample Name: PB115888BS Acquired: 12/20/2018 16:05:15 Type: Unk
 Method: P4-ICP2(v2673) 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	.19541	4.887	.20863	F 3.1317	F<.00000
Stddev	.00388	.012	.00155	.2275	.08348
%RSD	1.9848	.2420	.74182	7.2631	2.2375
#1	.19358	4.896	.20766	3.2717	-3.6933
#2	.19279	4.890	.20783	3.2541	-3.6724
#3	.19987	4.873	.21042	2.8692	-3.8263
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.2	43199.	3864.2	97.203	3646.8
Stddev	29.5	392.	46.7	2.553	18.3
%RSD	.98870	.90648	1.2075	2.6266	.50279
#1	2958.5	42839.	3845.3	96.133	3625.8
#2	2975.1	43141.	3917.4	100.12	3659.7
#3	3015.8	43616.	3830.0	95.358	3654.9

Sample Name: PB115888TB Acquired: 12/20/2018 16:09:24 Type: Unk
Method: P4-ICP2(v2673) 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	.00023	-.00204	-.00118	.00043	.00114	-.00181	-.00186	-.00002
Stddev	.00264	.00124	.00011	.00135	.00109	.00590	.00018	.00003
%RSD	1137.0	60.725	9.5472	311.69	95.677	325.63	9.5592	152.64

#1	-.00177	-.00342	-.00131	.00083	.00033	-.00436	-.00197	-.00005
#2	.00323	-.00169	-.00110	-.00107	.00237	-.00601	-.00165	-.00000
#3	-.00076	-.00102	-.00113	.00153	.00071	.00493	-.00196	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01548	.00079	-.00025	-.00083	.00934	-.00002	.04423
Stddev	.00004	.01790	.00014	.00009	.00043	.00545	.00001	.01410
%RSD	147.66	115.60	17.858	35.542	52.478	58.373	34.326	31.869

#1	-.00000	-.00349	.00092	-.00016	-.00034	.00433	-.00003	.05740
#2	.00007	.03207	.00064	-.00026	-.00098	.00856	-.00002	.04594
#3	.00001	.01787	.00082	-.00034	-.00116	.01515	-.00002	.02936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00241	280.15	-.00019	.00150	.02511	-.00013	.00472
Stddev	.00039	.00019	2.36	.00020	.00010	.00528	.00006	.00469
%RSD	15.967	7.7251	.84310	106.08	6.6083	21.038	48.328	99.335

#1	.00203	.00254	278.36	.00003	.00149	.02965	-.00012	.00964
#2	.00242	.00219	282.83	-.00024	.00161	.01931	-.00008	.00031
#3	.00280	.00249	279.27	-.00037	.00141	.02636	-.00020	.00420

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	.00788	-.00106	.00096	-.00577	-.0035	.00003	4.6021
Stddev	.00434	.00216	.00023	.00066	.00136	.0011	.00010	.1262
%RSD	107.73	27.375	21.723	68.573	23.553	30.87	376.81	2.7424

#1	-.00189	.00735	-.00080	.00022	-.00733	-.0023	.00013	4.7329
#2	-.00902	.01025	-.00122	.00120	-.00481	-.0040	.00003	4.4810
#3	-.00117	.00603	-.00115	.00148	-.00518	-.0043	-.00008	4.5925

Sample Name: PB115888TB Acquired: 12/20/2018 16:09:24 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .56147
Stddev .28355
%RSD 50.502

#1 .85434
#2 .28826
#3 .54181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.0	40066.	3851.3	94.936	3261.5
Stddev	5.7	52.	26.0	2.264	9.6
%RSD	.20129	.12981	.67637	2.3850	.29430

#1	2839.4	40018.	3856.0	94.833	3251.4
#2	2849.5	40121.	3823.2	92.725	3262.6
#3	2849.1	40059.	3874.6	97.250	3270.6

Sample Name: J6446-07 Acquired: 12/20/2018 16:14:03 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00131	-.00195	.00209	-.00031	.02097	-.00176
Stddev	.00099	.00025	.00060	.00213	.00052	.00672	.00024
%RSD	76.559	19.311	30.800	101.82	166.68	32.049	13.857

#1	-.00211	-.00127	-.00178	.00325	-.00029	.02233	-.00189
#2	-.00157	-.00108	-.00145	.00340	.00019	.02690	-.00192
#3	-.00019	-.00159	-.00261	-.00037	-.00084	.01367	-.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00000	.04786	.00146	-.00013	-.00043	.02886
Stddev	.00002	.00004	.00772	.00019	.00010	.00025	.00423
%RSD	32.281	32083.	16.139	13.150	77.871	59.927	14.639

#1	-.00006	.00004	.05640	.00168	-.00019	-.00051	.02680
#2	-.00006	-.00004	.04585	.00134	-.00019	-.00062	.02606
#3	-.00010	.00000	.04135	.00135	-.00001	-.00014	.03372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	.02069	.00112	.00038	-.14610	.00047	.00068
Stddev	.00003	.01460	.00020	.00021	.00654	.00031	.00004
%RSD	2.1897	70.539	17.658	56.357	4.4764	66.182	6.3301

#1	.00117	.03589	.00133	.00017	-.14731	.00013	.00068
#2	.00122	.01940	.00109	.00036	-.13903	.00053	.00063
#3	.00119	.00678	.00094	.00059	-.15194	.00074	.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01417	.00010	-.00187	.00031	.02394	-.00188	.00040
Stddev	.01177	.00022	.00059	.00272	.00161	.00047	.00098
%RSD	83.016	218.38	31.775	881.79	6.7206	24.734	246.25

#1	.02220	-.00003	-.00247	-.00039	.02210	-.00155	.00035
#2	.01965	.00036	-.00186	-.00200	.02462	-.00241	-.00056
#3	.00067	-.00002	-.00128	.00331	.02509	-.00169	.00140

Sample Name: J6446-07 Acquired: 12/20/2018 16:14:03 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00588	.0007	.00009	F 2.0876	F<.00000
Stddev	.00108	.0003	.00009	.1137	.45052
%RSD	18.405	46.67	96.672	5.4482	46.297

#1	-.00463	.0005	.00004	2.1245	-1.4856
#2	-.00645	.0005	.00020	1.9600	-.63964
#3	-.00655	.0010	.00004	2.1784	-.79405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.9	44521.	3937.9	96.767	3760.2
Stddev	12.2	73.	8.9	.534	15.3
%RSD	.40200	.16309	.22509	.55216	.40572

#1	3026.3	44601.	3928.0	96.475	3750.6
#2	3039.9	44460.	3945.0	97.383	3752.3
#3	3050.6	44501.	3940.7	96.442	3777.8

Sample Name: J6465-10 Acquired: 12/20/2018 16:18:32 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SO-FB02_1217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00099	-.00263	-.00099	-.00019	.01018	-.00136
Stddev	.00287	.00029	.00049	.00032	.00091	.00825	.00072
%RSD	365.64	29.539	18.681	32.159	481.47	80.988	52.816

#1	-.00217	-.00077	-.00302	-.00073	-.00103	.01884	-.00082
#2	.00356	-.00088	-.00278	-.00134	-.00032	.00241	-.00108
#3	.00097	-.00132	-.00208	-.00090	.00078	.00930	-.00217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00003	.03139	.00148	-.00012	-.00054	.01295
Stddev	.00003	.00006	.02031	.00012	.00008	.00067	.01350
%RSD	39.236	224.44	64.683	8.0025	63.696	124.07	104.20

#1	-.00004	-.00000	.05287	.00136	-.00019	-.00089	.02124
#2	-.00010	.00010	.01251	.00160	-.00004	.00023	-.00262
#3	-.00009	-.00001	.02879	.00146	-.00013	-.00097	.02023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.03106	.00097	.00027	-.15465	-.00003	.01973
Stddev	.00005	.03134	.00007	.00006	.00303	.00004	.00049
%RSD	3.5095	100.90	7.0354	21.758	1.9600	130.99	2.4662

#1	.00142	.00298	.00094	.00033	-.15333	-.00003	.02025
#2	.00141	.06488	.00105	.00021	-.15250	.00001	.01966
#3	.00150	.02534	.00093	.00027	-.15812	-.00008	.01929

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01596	.00015	.00214	.00430	.00755	-.00123	-.00120
Stddev	.04184	.00007	.00323	.00255	.00284	.00047	.00074
%RSD	262.14	48.154	151.36	59.231	37.621	38.317	61.144

#1	.01807	.00023	.00415	.00140	.01030	-.00106	-.00084
#2	-.00327	.00014	-.00159	.00615	.00773	-.00176	-.00072
#3	-.06267	.00009	.00385	.00537	.00463	-.00086	-.00205

Sample Name: J6465-10 Acquired: 12/20/2018 16:18:32 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SO-FB02_1217 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00751	-.0012	.00005	F 2.0576	F<.00000
Stddev	.00086	.0014	.00004	.1080	.42757
%RSD	11.464	110.1	83.612	5.2475	30.252

#1	-.00656	.0003	.00007	2.0327	-1.7066
#2	-.00823	-.0024	.00000	1.9643	-.92278
#3	-.00775	-.0016	.00009	2.1758	-1.6107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.7	44660.	3943.0	98.800	3779.0
Stddev	22.9	119.	31.2	2.398	23.1
%RSD	.75037	.26568	.79096	2.4271	.61126

#1	3068.3	44773.	3908.8	96.108	3781.7
#2	3048.9	44673.	3950.2	99.583	3800.7
#3	3022.8	44536.	3969.9	100.71	3754.7

Sample Name: J6477-04 Acquired: 12/20/2018 16:23:00 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.12.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	.00112	-.00204	-.00286	-.00039	.01741	.02737
Stddev	.00179	.00029	.00071	.00194	.00029	.00088	.00110
%RSD	113.45	25.742	34.660	67.977	74.603	5.0453	4.0340

#1	-.00048	.00085	-.00241	-.00506	-.00021	.01814	.02839
#2	.00280	.00109	-.00249	-.00216	-.00024	.01644	.02753
#3	.00242	.00142	-.00122	-.00136	-.00073	.01767	.02620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	F 9.8554	.00024	-.00002	.00361	F .03155
Stddev	.00004	.00007	.2731	.00021	.00016	.00016	.00289
%RSD	65.668	218.59	2.7710	90.240	1005.9	4.4966	9.1661

#1	.00009	-.00003	10.168	.00005	-.00006	.00377	.03388
#2	.00006	.00002	9.6629	.00018	.00016	.00345	.03245
#3	.00002	.00010	9.7354	.00047	-.00015	.00360	.02831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.72945	.00093	.00030	F 1.3262	.00035	.00998
Stddev	.00001	.02251	.00025	.00047	.0328	.00016	.00025
%RSD	8.0510	3.0853	27.427	155.96	2.4697	45.842	2.5132

#1	.00015	.75408	.00108	-.00019	1.3640	.00019	.01015
#2	.00017	.72431	.00063	.00073	1.3094	.00051	.01010
#3	.00015	.70995	.00108	.00036	1.3053	.00035	.00969

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34596	-.00039	.00058	F 1.3793	F 2.5452	-.00209	.00005
Stddev	.01322	.00012	.00950	.0067	.0496	.00059	.00046
%RSD	3.8202	31.616	1651.4	.48564	1.9484	28.432	893.17

#1	.33237	-.00039	-.00692	1.3741	2.6013	-.00242	-.00042
#2	.34674	-.00051	-.00261	1.3869	2.5269	-.00140	.00009
#3	.35877	-.00026	.01125	1.3770	2.5073	-.00243	.00048

Sample Name: J6477-04 Acquired: 12/20/2018 16:23:00 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB-2018.12.1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00864	.0200	F .02685	F 1.5663	F<.00000
Stddev	.00098	.0010	.00065	.0763	.87892
%RSD	11.358	5.030	2.4147	4.8712	245.57

#1	-.00789	.0198	.02756	1.5882	.61419
#2	-.00975	.0190	.02629	1.6293	-.59144
#3	-.00828	.0210	.02669	1.4815	-1.0965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.7	45655.	4119.2	104.23	3989.2
Stddev	12.3	38.	78.4	1.93	17.3
%RSD	.39047	.08291	1.9038	1.8537	.43372

#1	3157.3	45674.	4029.2	102.37	4003.3
#2	3133.2	45612.	4155.7	104.11	3969.9
#3	3149.7	45680.	4172.7	106.23	3994.5

Sample Name: J6194-08 Acquired: 12/20/2018 16:27:26 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00267	.00265	-.00137	.00009	.13887	.08823	.00007
Stddev	.00073	.00096	.00061	.00472	.00046	.00218	.00071	.00003
%RSD	118.95	35.980	23.041	344.81	529.20	1.5667	.80768	45.035

#1	-.00116	-.00262	.00207	-.00061	.00056	.13675	.08855	.00004
#2	.00021	-.00174	.00260	-.00642	.00005	.13877	.08742	.00007
#3	-.00089	-.00366	.00329	.00293	-.00035	.14110	.08873	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	13.943	.00109	.00599	.00303	1.1915	.65821	.90465
Stddev	.00007	.039	.00052	.00016	.00062	.0226	.00472	.03213
%RSD	73.683	.28007	48.043	2.7448	20.309	1.8991	.71675	3.5522

#1	.00014	13.913	.00060	.00585	.00365	1.1781	.65928	.91443
#2	.00011	13.928	.00165	.00617	.00303	1.1788	.66230	.93076
#3	.00002	13.987	.00103	.00595	.00242	1.2176	.65305	.86876

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	.00035	268.95	.00047	.02411	.69716	-.00016	.00486
Stddev	.00024	.00026	5.67	.00026	.00099	.01023	.00017	.00623
%RSD	5.8642	74.653	2.1076	55.373	4.1088	1.4679	109.66	128.28

#1	.00444	.00064	269.25	.00068	.02415	.69819	.00000	.00168
#2	.00405	.00030	263.14	.00018	.02310	.68645	-.00034	.01203
#3	.00399	.00012	274.47	.00056	.02507	.70683	-.00013	.00085

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35531	.42134	-.00090	.00076	-.00585	.0018	.04329	4.6907
Stddev	.00182	.00664	.00019	.00070	.00058	.0008	.00027	.2790
%RSD	.51096	1.5759	21.282	92.578	9.8843	45.37	.62067	5.9487

#1	.35695	.42654	-.00099	.00091	-.00636	.0026	.04351	4.7595
#2	.35564	.41386	-.00103	.00136	-.00595	.0020	.04338	4.9289
#3	.35336	.42362	-.00068	-.00001	-.00522	.0009	.04299	4.3837

Sample Name: J6194-08 Acquired: 12/20/2018 16:27:26 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.56668
Stddev	.49295
%RSD	86.989

#1	.96635
#2	.01585
#3	.71784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.1	40275.	3899.8	96.072	3251.7
Stddev	11.1	388.	53.8	3.100	11.4
%RSD	.39046	.96365	1.3794	3.2272	.34988

#1	2833.6	40045.	3855.0	96.133	3240.8
#2	2843.0	40057.	3959.5	99.142	3250.9
#3	2855.7	40723.	3885.0	92.942	3263.5

Sample Name: CCV04 Acquired: 12/20/2018 16:45:49 Type: Unk
Method: P4-ICP2(v2673) 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	5.3748	4.8313	5.0488	5.1507	5.3017	10.356	10.167	.25092
Stddev	.0280	.0124	.0155	.0101	.0200	.121	.069	.00078
%RSD	.52114	.25637	.30604	.19581	.37827	1.1689	.67582	.31125
#1	5.3796	4.8273	5.0495	5.1562	5.3111	10.241	10.228	.25006
#2	5.3447	4.8214	5.0330	5.1391	5.2786	10.483	10.093	.25158
#3	5.4001	4.8452	5.0639	5.1569	5.3153	10.346	10.182	.25112
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4469	25.911	.99146	2.4967	1.2722	4.7939	2.5124	25.173
Stddev	.0056	.104	.00419	.0081	.0057	.0188	.0062	.114
%RSD	.22897	.40302	.42267	.32311	.45213	.39296	.24515	.45355
#1	2.4467	25.950	.99393	2.4969	1.2770	4.8134	2.5082	25.302
#2	2.4414	25.991	.99383	2.4885	1.2658	4.7926	2.5195	25.133
#3	2.4526	25.793	.98662	2.5046	1.2738	4.7758	2.5094	25.084
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3994	1.2182	23.711	2.3281	2.5020	25.127	5.3176	4.8590
Stddev	.0031	.0006	.187	.0080	.0297	.191	.0190	.0348
%RSD	.12911	.04795	.78698	.34353	1.1873	.76175	.35656	.71509
#1	2.3983	1.2186	23.873	2.3228	2.5246	25.295	5.3217	4.8970
#2	2.3971	1.2184	23.507	2.3373	2.4683	24.919	5.2968	4.8513
#3	2.4029	1.2175	23.753	2.3242	2.5131	25.166	5.3341	4.8288
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0944	5.0511	5.0247	5.0547	4.9730	4.891	5.3154	F 4.2470
Stddev	.0121	.0494	.0089	.0080	.0367	.015	.0480	.0890
%RSD	.23794	.97812	.17722	.15718	.73720	.3088	.90355	2.0948
#1	5.1003	5.0873	5.0306	5.0630	5.0059	4.898	5.3424	4.1625
#2	5.0804	4.9948	5.0145	5.0539	4.9335	4.874	5.2600	4.3398
#3	5.1024	5.0712	5.0291	5.0472	4.9796	4.901	5.3439	4.2387

Sample Name: CCV04 Acquired: 12/20/2018 16:45:49 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7498
Stddev .3650
%RSD 20.858

#1 2.1693
#2 1.5758
#3 1.5045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.9	41553.	3902.4	93.091	3280.2
Stddev	12.4	108.	45.0	1.142	8.5
%RSD	.42733	.26060	1.1523	1.2268	.26015

#1	2889.9	41568.	3857.7	92.129	3272.8
#2	2913.0	41438.	3947.6	94.353	3289.6
#3	2893.6	41652.	3901.7	92.791	3278.3

Sample Name: CCB04 Acquired: 12/20/2018 16:49:50 Type: Unk
Method: P4-ICP2(v2673) 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	.00070	.00043	.00012	-.00082	-.00132	-.01436	-.00091
Stddev	.00090	.00019	.00061	.00153	.00099	.00389	.00031
%RSD	129.39	43.110	516.29	187.36	75.241	27.095	33.391

#1	-.00002	.00049	.00069	-.00022	-.00204	-.01032	-.00120
#2	.00040	.00058	.00019	-.00256	-.00019	-.01468	-.00059
#3	.00171	.00022	-.00052	.00033	-.00172	-.01808	-.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00007	.01064	.00002	-.00012	-.00039	.00245
Stddev	.00006	.00001	.00962	.00025	.00015	.00025	.00238
%RSD	238.00	14.866	90.435	1337.3	129.02	64.351	97.115

#1	.00010	.00006	.02064	.00030	-.00023	-.00012	.00403
#2	-.00003	.00008	.00144	-.00008	.00005	-.00043	.00361
#3	.00002	.00008	.00984	-.00016	-.00017	-.00062	-.00029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.03679	.00031	.00052	-.23008	-.00004	-.00072
Stddev	.00001	.01632	.00009	.00027	.00764	.00030	.00010
%RSD	14.790	44.374	27.871	52.293	3.3186	720.92	13.642

#1	-.00004	.02443	.00021	.00083	-.23663	.00029	-.00062
#2	-.00004	.05529	.00036	.00036	-.23193	-.00031	-.00081
#3	-.00005	.03064	.00037	.00037	-.22170	-.00010	-.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01288	.00021	.00665	F -.01224	.00380	-.00095	-.00069
Stddev	.01336	.00019	.00962	.00191	.00077	.00057	.00100
%RSD	103.79	91.717	144.62	15.582	20.240	60.263	144.80

#1	.00085	.00010	.01328	-.01188	.00305	-.00081	.00031
#2	-.01362	.00010	.01106	-.01431	.00377	-.00046	-.00168
#3	-.02585	.00044	-.00438	-.01054	.00458	-.00158	-.00070

Sample Name: CCB04 Acquired: 12/20/2018 16:49:50 Type: Unk
Method: P4-ICP2(v2673) 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	-.00624	-.0034	.00003	F 2.3155	F<.00000
Stddev	.00075	.0005	.00009	.1423	.04977
%RSD	12.071	15.84	372.54	6.1464	4.8862
#1	-.00638	-.0031	-.00006	2.1908	-1.0538
#2	-.00692	-.0040	.00001	2.2853	-.96166
#3	-.00543	-.0030	.00013	2.4706	-1.0404
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.9	44034.	3959.7	96.867	3770.2
Stddev	18.2	155.	32.8	1.978	24.4
%RSD	.59526	.35181	.82773	2.0425	.64833
#1	3072.3	44171.	3940.4	95.792	3784.9
#2	3049.9	44066.	3997.5	99.150	3783.8
#3	3036.3	43866.	3941.1	95.658	3742.0

Sample Name: J6194-08DUP Acquired: 12/20/2018 16:54:19 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 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	-.00225	.00266	-.00149	-.00032	.13731	.08687	.00004
Stddev	.00079	.00067	.00065	.00109	.00211	.00606	.00015	.00003
%RSD	159.28	29.713	24.260	73.076	650.22	4.4132	.17352	69.999

#1	.00042	-.00269	.00341	-.00273	-.00276	.14093	.08702	.00002
#2	-.00092	-.00257	.00223	-.00109	.00070	.13031	.08685	.00003
#3	-.00099	-.00148	.00236	-.00066	.00108	.14069	.08672	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	13.574	.00129	.00596	.00327	1.1817	.65000	.90260
Stddev	.00007	.041	.00057	.00010	.00030	.0336	.00229	.02083
%RSD	45.296	.29866	44.406	1.6740	9.2128	2.8408	.35263	2.3076

#1	.00022	13.545	.00092	.00599	.00358	1.1528	.65246	.90889
#2	.00013	13.620	.00099	.00604	.00298	1.1736	.64962	.91956
#3	.00009	13.557	.00195	.00585	.00323	1.2185	.64792	.87935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	.00014	264.67	.00029	.02329	.70210	.00008	.01051
Stddev	.00011	.00077	2.29	.00007	.00050	.03907	.00017	.00556
%RSD	2.7109	542.70	.86402	24.855	2.1542	5.5651	205.34	52.894

#1	.00399	-.00070	262.05	.00037	.02280	.65739	-.00004	.01633
#2	.00403	.00033	265.69	.00024	.02326	.71926	.00027	.00995
#3	.00420	.00080	266.26	.00026	.02380	.72966	.00001	.00525

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34763	.41248	-.00042	-.00119	-.00738	.0007	.04215	4.1945
Stddev	.00186	.00385	.00056	.00294	.00104	.0015	.00012	.0247
%RSD	.53409	.93297	133.48	247.22	14.034	223.8	.28795	.58814

#1	.34977	.41182	-.00092	-.00411	-.00636	.0023	.04225	4.2032
#2	.34647	.41662	-.00052	.00178	-.00843	.0005	.04218	4.2136
#3	.34664	.40901	.00018	-.00124	-.00735	-.0007	.04201	4.1666

Sample Name: J6194-08DUP Acquired: 12/20/2018 16:54:19 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3866
Stddev	.2096
%RSD	15.120

#1	1.2486
#2	1.6278
#3	1.2833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.0	40910.	3960.1	96.764	3280.9
Stddev	15.3	224.	26.9	1.720	12.3
%RSD	.53099	.54872	.67911	1.7771	.37516

#1	2856.5	40703.	3981.5	98.200	3266.8
#2	2881.4	40878.	3929.9	97.233	3287.0
#3	2884.2	41148.	3968.8	94.858	3289.0

Sample Name: J6194-08LX5 Acquired: 12/20/2018 16:58:55 Type: Unk
Method: P4-ICP2(v2673) 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	-.00060	-.00107	-.00057	-.00179	-.00060	.02016	.01653	.00002
Stddev	.00046	.00061	.00056	.00112	.00082	.00405	.00100	.00002
%RSD	76.221	57.496	99.063	62.505	136.50	20.079	6.0589	122.53

#1	-.00008	-.00080	.00002	-.00307	-.00107	.02240	.01758	-.00001
#2	-.00093	-.00063	-.00110	-.00106	-.00108	.02260	.01558	.00002
#3	-.00079	-.00177	-.00061	-.00123	.00035	.01549	.01644	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	2.8207	.00011	.00102	.00065	.24159	.13547	.23283
Stddev	.00002	.0135	.00019	.00006	.00028	.00419	.00224	.03033
%RSD	40.220	.47828	169.46	6.2067	42.846	1.7330	1.6528	13.027

#1	.00003	2.8282	.00024	.00106	.00037	.23903	.13307	.23724
#2	.00003	2.8287	-.00011	.00095	.00092	.23932	.13585	.20054
#3	.00006	2.8051	.00020	.00106	.00065	.24642	.13750	.26072

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00014	55.738	-.00013	.00394	.15694	-.00003	.00675
Stddev	.00035	.00006	.375	.00040	.00026	.01566	.00020	.00369
%RSD	96.931	41.949	.67297	305.27	6.6632	9.9782	576.31	54.620

#1	.00073	.00016	56.170	-.00005	.00424	.15480	-.00025	.00931
#2	.00006	.00017	55.542	-.00056	.00379	.14245	.00001	.00841
#3	.00028	.00007	55.501	.00022	.00378	.17355	.00014	.00252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05949	.09042	-.00160	-.00091	-.00453	-.0019	.00878	2.9402
Stddev	.00137	.00155	.00079	.00029	.00059	.0003	.00005	.5286
%RSD	2.3015	1.7123	49.736	31.788	13.119	14.34	.52723	17.978

#1	.05960	.09217	-.00099	-.00124	-.00402	-.0023	.00884	2.3927
#2	.06080	.08989	-.00250	-.00081	-.00438	-.0018	.00877	2.9804
#3	.05807	.08921	-.00130	-.00069	-.00518	-.0017	.00875	3.4475

Sample Name: J6194-08LX5 Acquired: 12/20/2018 16:58:55 Type: Unk
Method: P4-ICP2(v2673) 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	.32438
%RSD	47.212

#1	-.31261
#2	-.86657
#3	-.88203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.4	42627.	3922.1	97.372	3498.9
Stddev	18.5	708.	46.7	3.274	1.5
%RSD	.62896	1.6615	1.1898	3.3624	.04159

#1	2929.6	43360.	3868.5	93.604	3500.6
#2	2943.3	42575.	3944.3	98.979	3497.7
#3	2966.2	41947.	3953.5	99.531	3498.5

Sample Name: J6194-08MS Acquired: 12/20/2018 17:03:23 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81763	1.7261	.92914	1.9642	.78072	2.2038	.30062
Stddev	.00387	.0138	.01039	.0113	.00363	.0349	.00162
%RSD	.47335	.79681	1.1180	.57728	.46487	1.5849	.53739

#1	.81517	1.7108	.91778	1.9512	.77830	2.1778	.30196
#2	.81564	1.7301	.93149	1.9696	.77896	2.1901	.29882
#3	.82209	1.7374	.93816	1.9719	.78489	2.2435	.30107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19467	.18522	16.635	.39584	.20012	.29396	4.0680
Stddev	.00121	.00151	.054	.00289	.00140	.00269	.0662
%RSD	.62325	.81603	.32580	.73027	.69795	.91596	1.6274

#1	.19327	.18353	16.697	.39301	.19880	.29262	4.0824
#2	.19530	.18567	16.610	.39572	.19999	.29221	4.1259
#3	.19543	.18645	16.597	.39879	.20158	.29706	3.9959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94695	2.9558	.46543	.06759	307.11	.28461	.21230
Stddev	.00638	.0483	.00241	.00015	3.49	.00090	.00348
%RSD	.67330	1.6340	.51696	.22693	1.1355	.31575	1.6387

#1	.93977	2.9257	.46369	.06747	309.81	.28469	.21312
#2	.94914	2.9302	.46442	.06776	303.17	.28367	.21530
#3	.95194	3.0115	.46817	.06755	308.35	.28547	.20849

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.906	.40009	.27623	.38856	1.3234	.63035	.18709
Stddev	.035	.00252	.00208	.00392	.0046	.00458	.00120
%RSD	.32257	.63004	.75366	1.0096	.34537	.72658	.64191

#1	10.893	.39763	.27397	.38469	1.3283	.62527	.18734
#2	10.879	.39996	.27665	.39253	1.3193	.63163	.18578
#3	10.946	.40267	.27807	.38846	1.3226	.63416	.18814

Sample Name: J6194-08MS Acquired: 12/20/2018 17:03:23 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19200	5.405	.24364	4.8813	F<.00000
Stddev	.00137	.040	.00020	.2913	.40205
%RSD	.71384	.7344	.08138	5.9682	20.620

#1	.19045	5.363	.24386	4.5809	-2.1800
#2	.19252	5.410	.24355	4.9003	-2.1839
#3	.19304	5.442	.24349	5.1626	-1.4856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.4	39937.	3857.7	95.017	3222.5
Stddev	7.5	201.	18.3	1.656	14.2
%RSD	.26369	.50245	.47421	1.7426	.44090

#1	2841.4	40169.	3836.6	94.306	3238.4
#2	2845.7	39817.	3868.8	93.835	3218.0
#3	2831.2	39826.	3867.8	96.909	3211.1

Sample Name: J6194-08MSD Acquired: 12/20/2018 17:07:40 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82382	1.7330	.93340	1.9742	.78860	2.1656	.30138
Stddev	.00535	.0104	.00552	.0048	.00267	.0075	.00075
%RSD	.64948	.59850	.59190	.24379	.33866	.34504	.24742
#1	.82511	1.7435	.93975	1.9756	.79092	2.1704	.30170
#2	.81794	1.7328	.92971	1.9689	.78568	2.1570	.30192
#3	.82841	1.7228	.93074	1.9782	.78919	2.1694	.30053
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19006	.18564	16.668	.38473	.20135	.29568	4.1163
Stddev	.00283	.00061	.075	.00608	.00078	.00076	.0743
%RSD	1.4881	.32838	.44858	1.5795	.38965	.25855	1.8051
#1	.19328	.18614	16.583	.39123	.20226	.29554	4.1619
#2	.18797	.18582	16.723	.37919	.20089	.29500	4.1565
#3	.18893	.18496	16.698	.38377	.20091	.29651	4.0306
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92286	2.9546	.46688	.06596	306.99	.27748	.21260
Stddev	.01524	.0299	.00109	.00154	.16	.00454	.00383
%RSD	1.6516	1.0118	.23298	2.3333	.05352	1.6356	1.8003
#1	.94007	2.9850	.46803	.06772	306.99	.28271	.21645
#2	.91106	2.9536	.46673	.06530	307.16	.27463	.21256
#3	.91744	2.9253	.46587	.06487	306.83	.27509	.20879
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.014	.40285	.28314	.38706	1.3254	.63039	.18774
Stddev	.026	.00186	.00244	.00231	.0060	.00188	.00205
%RSD	.23430	.46279	.86021	.59780	.44954	.29763	1.0934
#1	10.989	.40317	.28577	.38444	1.3317	.63172	.18908
#2	11.041	.40085	.28097	.38788	1.3199	.62825	.18538
#3	11.011	.40454	.28267	.38884	1.3247	.63122	.18877

Sample Name: J6194-08MSD Acquired: 12/20/2018 17:07:40 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19443	5.415	.24436	4.2628	F<.00000
Stddev	.00078	.014	.00099	.2263	.63252
%RSD	.40122	.2522	.40429	5.3078	40.317

#1	.19407	5.431	.24550	4.4820	-2.2660
#2	.19533	5.411	.24380	4.0301	-1.4091
#3	.19389	5.404	.24378	4.2763	-1.0316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.2	40661.	3835.7	94.940	3213.0
Stddev	12.3	550.	23.6	1.912	14.7
%RSD	.43464	1.3526	.61582	2.0141	.45894

#1	2813.3	40028.	3808.6	93.040	3196.4
#2	2834.4	41026.	3846.8	94.915	3217.8
#3	2813.0	40928.	3851.8	96.864	3224.7

Sample Name: J6194-08A Acquired: 12/20/2018 17:11:55 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82304	1.7320	.93116	1.9659	.78440	2.2076	.30024
Stddev	.00305	.0088	.00308	.0079	.00289	.0194	.00308
%RSD	.37026	.50838	.33112	.40379	.36896	.87793	1.0258

#1	.82540	1.7322	.93193	1.9741	.78693	2.2298	.30177
#2	.81960	1.7231	.92777	1.9582	.78124	2.1940	.30225
#3	.82412	1.7407	.93379	1.9654	.78503	2.1991	.29669

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19343	.18564	16.755	.39423	.20048	.29423	4.0462
Stddev	.00079	.00056	.149	.00236	.00063	.00076	.0998
%RSD	.41074	.29930	.88875	.59980	.31653	.25752	2.4673

#1	.19251	.18581	16.751	.39415	.20023	.29406	3.9311
#2	.19389	.18502	16.906	.39664	.20000	.29506	4.0989
#3	.19389	.18609	16.608	.39191	.20120	.29358	4.1087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93784	2.9323	.46723	.06691	302.99	.28035	.20915
Stddev	.00288	.0407	.00167	.00079	3.92	.00163	.00666
%RSD	.30689	1.3887	.35818	1.1808	1.2941	.58289	3.1831

#1	.93484	2.8917	.46710	.06600	302.06	.27861	.20166
#2	.94057	2.9732	.46562	.06737	307.30	.28186	.21439
#3	.93812	2.9319	.46896	.06736	299.62	.28057	.21141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.987	.40100	.27106	.38557	1.3219	.63224	.18607
Stddev	.109	.00113	.01295	.00414	.0232	.00252	.00173
%RSD	.98972	.28227	4.7758	1.0740	1.7575	.39795	.92842

#1	11.031	.40230	.28542	.38167	1.3149	.63440	.18419
#2	11.067	.40023	.26029	.38514	1.3479	.62948	.18758
#3	10.863	.40047	.26747	.38991	1.3030	.63286	.18646

Sample Name: J6194-08A Acquired: 12/20/2018 17:11:55 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19499	5.425	.24439	4.9435	F<.00000
Stddev	.00199	.010	.00328	.1485	.04224
%RSD	1.0203	.1914	1.3431	3.0042	2.7573
#1	.19416	5.425	.24357	5.0827	-1.4921
#2	.19726	5.414	.24801	4.9606	-1.5763
#3	.19355	5.435	.24160	4.7872	-1.5277
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.8	39877.	3841.8	95.862	3200.4
Stddev	8.4	105.	55.5	2.736	11.0
%RSD	.29616	.26420	1.4446	2.8546	.34216
#1	2811.5	39927.	3837.5	98.920	3192.4
#2	2827.7	39756.	3788.6	93.644	3212.9
#3	2823.2	39948.	3899.4	95.022	3195.9

Sample Name: J6358-16 Acquired: 12/20/2018 17:16:12 Type: Unk
 Method: P4-ICP2(v2673) 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	.00265	.00066	-.00124	-.00184	-.00071	.00390	.01797	.00005
Stddev	.00130	.00035	.00039	.00144	.00045	.00482	.00368	.00002
%RSD	49.130	52.847	31.083	78.255	62.914	123.73	20.457	31.942

#1	.00392	.00105	-.00116	-.00134	-.00035	.00709	.02121	.00007
#2	.00273	.00058	-.00167	-.00072	-.00121	-.00165	.01874	.00004
#3	.00132	.00036	-.00090	-.00347	-.00056	.00625	.01398	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	10.865	.00694	.00003	-.00072	-.00459	.00010	1.9011
Stddev	.00012	1.122	.00003	.00011	.00011	.00269	.00006	.2179
%RSD	7.4003	10.329	.38631	329.20	15.792	58.591	60.862	11.463

#1	.00157	11.562	.00692	.00011	-.00085	-.00712	.00006	2.0182
#2	.00146	11.461	.00693	-.00010	-.00065	-.00487	.00008	2.0354
#3	.00169	9.5700	.00697	.00009	-.00066	-.00177	.00018	1.6497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00022	15.321	.00071	.00498	1.3934	-.00012	.00302
Stddev	.00068	.00017	1.569	.00042	.00071	.1151	.00002	.00769
%RSD	104.46	75.811	10.238	58.384	14.195	8.2587	17.220	254.75

#1	.00075	.00003	16.287	.00111	.00540	1.4595	-.00014	.01189
#2	.00128	.00028	16.166	.00028	.00537	1.4602	-.00010	-.00171
#3	-.00007	.00035	13.512	.00073	.00416	1.2605	-.00012	-.00112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6339	2.5970	-.00224	-.00089	-.00166	.0134	.63670	2.7117
Stddev	.1346	.2463	.00040	.00074	.00156	.0012	.06542	.3555
%RSD	8.2367	9.4841	18.020	83.396	93.870	9.190	10.275	13.109

#1	1.6986	2.7477	-.00178	-.00009	-.00081	.0134	.67589	3.1172
#2	1.4792	2.7306	-.00250	-.00101	-.00071	.0121	.67305	2.4535
#3	1.7240	2.3128	-.00246	-.00156	-.00345	.0146	.56118	2.5646

Sample Name: J6358-16 Acquired: 12/20/2018 17:16:12 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .75624
 %RSD 455.72

#1 -.68423
 #2 .70183
 #3 -.51544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.7	43811.	4329.1	109.89	3809.4
Stddev	230.1	488.	455.3	11.75	285.2
%RSD	7.4815	1.1143	10.517	10.691	7.4878

#1	2982.9	43250.	4053.3	101.73	3683.8
#2	3337.7	44131.	4079.4	104.58	4135.9
#3	2906.5	44053.	4854.6	123.35	3608.6

Sample Name: J6358-16LX5 Acquired: 12/20/2018 17:25:07 Type: Unk
Method: P4-ICP2(v2673) 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	.00163	.00083	.00009	-.00118	-.00022	.00269	.00344
Stddev	.00142	.00081	.00073	.00249	.00046	.00654	.00026
%RSD	87.275	97.428	850.36	211.08	207.43	243.71	7.6331

#1	.00058	.00173	.00017	-.00102	-.00042	.00054	.00327
#2	.00107	.00062	-.00068	-.00375	-.00056	.01003	.00330
#3	.00325	.00015	.00077	.00123	.00031	-.00252	.00374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00032	2.3158	.00146	.00003	-.00041	-.00468
Stddev	.00001	.00001	.0148	.00019	.00019	.00025	.00671
%RSD	42.708	2.4704	.63932	12.865	555.95	62.379	143.48

#1	.00003	.00031	2.3322	.00166	-.00017	-.00022	-.00933
#2	.00002	.00032	2.3034	.00129	.00007	-.00031	.00302
#3	.00005	.00032	2.3119	.00144	.00021	-.00070	-.00772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.43277	.00041	.00025	3.1842	.00026	.00035
Stddev	.00004	.02523	.00034	.00036	.0174	.00032	.00009
%RSD	73.009	5.8304	83.796	147.98	.54544	123.74	26.475

#1	-.00004	.45870	.00001	.00059	3.2036	.00046	.00046
#2	-.00009	.43131	.00059	-.00013	3.1702	.00043	.00030
#3	-.00002	.40830	.00063	.00028	3.1787	-.00011	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32366	-.00008	.00393	.29998	.54972	-.00153	-.00016
Stddev	.00375	.00013	.00470	.00078	.00433	.00025	.00053
%RSD	1.1588	174.58	119.44	.25957	.78701	16.471	337.11

#1	.31950	-.00021	-.00037	.30000	.55050	-.00139	.00007
#2	.32471	-.00007	.00322	.29919	.54506	-.00137	.00022
#3	.32678	.00005	.00894	.30075	.55360	-.00182	-.00077

Sample Name: J6358-16LX5 Acquired: 12/20/2018 17:25:07 Type: Unk
 Method: P4-ICP2(v2673) 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	-.00268	-.0001	.13849	3.3620	F<.00000
Stddev	.00124	.0009	.00056	.5066	.15337
%RSD	46.138	680.6	.40218	15.068	13.125
#1	-.00408	.0008	.13870	3.2934	-.99163
#2	-.00171	-.0008	.13892	2.8932	-1.2640
#3	-.00226	-.0003	.13786	3.8993	-1.2500
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.0	42478.	3872.8	99.389	3746.9
Stddev	12.7	827.	23.0	.617	10.0
%RSD	.41916	1.9478	.59510	.62093	.26721
#1	3025.3	42701.	3861.4	99.992	3746.3
#2	3031.0	43172.	3899.3	99.417	3757.3
#3	3006.8	41563.	3857.7	98.758	3737.3

Sample Name: J6358-16MS Acquired: 12/20/2018 17:29:36 Type: Unk
Method: P4-ICP2(v2673) 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	.82003	1.8464	.93939	2.0451	.82116	2.0651	.22685
Stddev	.04820	.1022	.05173	.1066	.04701	.0142	.00068
%RSD	5.8779	5.5335	5.5063	5.2120	5.7244	.68544	.30150

#1	.85487	1.9204	.97561	2.1226	.85508	2.0513	.22758
#2	.84020	1.8889	.96241	2.0893	.84090	2.0646	.22675
#3	.76502	1.7298	.88015	1.9236	.76750	2.0796	.22623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20927	.18465	12.457	.41618	.18804	.31489	2.7775
Stddev	.00235	.01035	.078	.00458	.01111	.01735	.0386
%RSD	1.1215	5.6034	.62887	1.0997	5.9109	5.5092	1.3904

#1	.20808	.19185	12.535	.41499	.19606	.32774	2.8078
#2	.20775	.18930	12.457	.41232	.19271	.32176	2.7340
#3	.21197	.17279	12.378	.42124	.17535	.29516	2.7907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20896	4.0329	.45697	.07149	19.121	.28676	.20889
Stddev	.00235	.0599	.02594	.00011	.164	.00061	.00428
%RSD	1.1266	1.4848	5.6773	.15162	.86018	.21412	2.0465

#1	.20812	3.9644	.47551	.07155	19.285	.28657	.21282
#2	.20714	4.0585	.46809	.07155	19.122	.28627	.20434
#3	.21162	4.0756	.42733	.07136	18.956	.28745	.20952

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.717	.41481	.29267	1.5514	3.6700	.63462	.19453
Stddev	.071	.02297	.00620	.0907	.0285	.03843	.00055
%RSD	.60768	5.5381	2.1198	5.8458	.77615	6.0549	.28142

#1	11.785	.43108	.28558	1.6190	3.6844	.66047	.19483
#2	11.722	.42483	.29529	1.5869	3.6884	.65292	.19390
#3	11.643	.38853	.29713	1.4483	3.6372	.59046	.19486

Sample Name: J6358-16MS Acquired: 12/20/2018 17:29:36 Type: Unk
Method: P4-ICP2(v2673) 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	.19664	5.098	.87652	3.0395	F<.00000
Stddev	.00175	.306	.00811	.3653	.43099
%RSD	.89145	5.997	.92542	12.018	17.717
#1	.19867	5.317	.88377	2.8813	-2.9292
#2	.19559	5.227	.87802	2.7800	-2.1561
#3	.19567	4.748	.86776	3.4572	-2.2126
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.9	43173.	3938.9	101.97	3783.7
Stddev	157.8	304.	33.2	1.88	203.1
%RSD	5.0603	.70404	.84271	1.8395	5.3666
#1	3003.9	43379.	3903.6	100.54	3640.5
#2	3051.8	43316.	3943.5	104.10	3694.5
#3	3298.0	42824.	3969.5	101.28	4016.1

Sample Name: J6358-16MSD Acquired: 12/20/2018 17:33:45 Type: Unk
Method: P4-ICP2(v2673) 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	.87447	1.9570	.99822	2.1827	.87819	2.1417	.20347
Stddev	.08304	.1623	.09134	.1995	.08331	.1908	.03744
%RSD	9.4960	8.2914	9.1499	9.1388	9.4867	8.9088	18.399

#1	.79523	1.8059	.91146	1.9948	.80049	2.3529	.22463
#2	.86735	1.9364	.98967	2.1613	.86793	2.0904	.22554
#3	.96085	2.1285	1.0935	2.3920	.96616	1.9818	.16025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21857	.19662	11.246	.43610	.20034	.33503	2.5203
Stddev	.01652	.01802	2.043	.03333	.01836	.03091	.4308
%RSD	7.5598	9.1635	18.169	7.6426	9.1659	9.2258	17.093

#1	.23762	.17980	12.424	.47457	.18288	.30605	2.7692
#2	.21001	.19444	12.427	.41794	.19863	.33148	2.7689
#3	.20809	.21563	8.8865	.41580	.21949	.36756	2.0229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21825	3.6622	.48521	.07426	17.139	.29826	.19290
Stddev	.01619	.6181	.04417	.00649	3.065	.02293	.03007
%RSD	7.4169	16.878	9.1033	8.7449	17.884	7.6862	15.588

#1	.23694	4.0610	.44318	.08175	18.868	.32462	.20937
#2	.20904	3.9753	.48120	.07061	18.949	.28726	.21114
#3	.20877	2.9502	.53125	.07041	13.600	.28292	.15819

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.663	.44205	.26506	1.6551	3.3362	.67684	.17487
Stddev	1.730	.04082	.04755	.1552	.5596	.06292	.03239
%RSD	16.226	9.2341	17.938	9.3766	16.772	9.2961	18.525

#1	11.646	.40388	.28520	1.5091	3.6753	.61852	.19216
#2	11.678	.43720	.29922	1.6380	3.6429	.66846	.19494
#3	8.6654	.48509	.21076	1.8181	2.6903	.74352	.13750

Sample Name: J6358-16MSD Acquired: 12/20/2018 17:33:45 Type: Unk
Method: P4-ICP2(v2673) 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	.17733	5.425	.78696	4.2293	F<.00000
Stddev	.03450	.492	.14168	1.4183	.27420
%RSD	19.453	9.061	18.003	33.535	11.739
#1	.19540	4.960	.86915	5.8574	-2.6496
#2	.19905	5.375	.86836	3.2619	-2.1427
#3	.13756	5.939	.62337	3.5687	-2.2150
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.6	41346.	4415.5	113.19	3595.8
Stddev	240.5	2778.	783.0	19.59	294.1
%RSD	8.1325	6.7194	17.733	17.303	8.1790
#1	3191.7	38138.	3959.8	101.99	3885.9
#2	2970.0	42891.	3967.1	101.77	3603.6
#3	2711.2	43008.	5319.6	135.80	3297.8

Sample Name: CCV05 Acquired: 12/20/2018 17:37:52 Type: Unk
Method: P4-ICP2(v2673) 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	5.3498	4.8040	5.0213	5.0965	5.2759	10.318	10.084	.25036
Stddev	.0182	.0170	.0199	.0095	.0151	.098	.122	.00150
%RSD	.33958	.35387	.39614	.18662	.28586	.95033	1.2077	.59727
#1	5.3705	4.8178	5.0310	5.1029	5.2829	10.251	10.219	.24867
#2	5.3363	4.7850	4.9984	5.0856	5.2586	10.272	10.051	.25090
#3	5.3426	4.8091	5.0345	5.1010	5.2862	10.430	9.9821	.25150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4277	25.911	.99211	2.4825	1.2718	4.7954	2.5072	25.136
Stddev	.0081	.224	.00522	.0079	.0058	.0728	.0061	.123
%RSD	.33305	.86629	.52635	.31818	.45306	1.5186	.24323	.48823
#1	2.4326	26.017	.98933	2.4883	1.2727	4.8473	2.5005	25.262
#2	2.4184	26.064	.98886	2.4735	1.2656	4.8268	2.5088	25.129
#3	2.4322	25.654	.99813	2.4856	1.2770	4.7121	2.5124	25.017
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3820	1.2133	23.505	2.3102	2.5346	25.037	5.3231	4.8464
Stddev	.0085	.0045	.255	.0077	.0728	.317	.0087	.0520
%RSD	.35597	.36679	1.0844	.33348	2.8727	1.2647	.16405	1.0733
#1	2.3868	1.2084	23.778	2.3021	2.5906	25.355	5.3252	4.8875
#2	2.3722	1.2170	23.464	2.3174	2.5609	25.034	5.3135	4.8639
#3	2.3871	1.2145	23.273	2.3110	2.4523	24.722	5.3305	4.7879
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0335	5.0489	5.0005	5.0190	4.9637	4.848	5.2743	4.9356
Stddev	.0160	.0646	.0219	.0300	.0536	.023	.0553	.0805
%RSD	.31881	1.2793	.43740	.59773	1.0804	.4794	1.0489	1.6304
#1	5.0505	5.1029	5.0145	5.0534	5.0223	4.864	5.3350	4.9820
#2	5.0186	5.0665	4.9753	5.0056	4.9518	4.821	5.2612	4.8427
#3	5.0315	4.9773	5.0117	4.9981	4.9170	4.858	5.2267	4.9821

Sample Name: CCV05 Acquired: 12/20/2018 17:37:52 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1179
Stddev	1.0316
%RSD	48.706

#1	3.2988
#2	1.6628
#3	1.3922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.3	40783.	3808.4	90.583	3250.1
Stddev	6.2	56.	57.2	2.722	10.0
%RSD	.21646	.13713	1.5007	3.0047	.30632

#1	2849.3	40754.	3752.1	88.499	3240.3
#2	2861.6	40847.	3806.6	89.588	3260.2
#3	2855.0	40747.	3866.4	93.663	3250.0

Sample Name: CCB05 Acquired: 12/20/2018 17:41:51 Type: Unk
Method: P4-ICP2(v2673) 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	.00290	.00037	-.00050	-.00062	.00095	-.00324	-.00055
Stddev	.00138	.00077	.00071	.00046	.00159	.00689	.00054
%RSD	47.501	210.40	142.92	75.191	167.30	212.47	98.467

#1	.00174	-.00033	-.00131	-.00089	.00086	-.00734	-.00012
#2	.00254	.00119	-.00001	-.00008	.00258	.00471	-.00116
#3	.00442	.00024	-.00017	-.00088	-.00059	-.00709	-.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.01967	.00049	-.00005	-.00061	-.00089
Stddev	.00005	.00005	.01180	.00034	.00016	.00024	.00447
%RSD	432.79	134.71	59.996	69.211	334.43	39.796	500.38

#1	.00007	-.00001	.02813	.00083	.00011	-.00060	-.00424
#2	.00000	.00003	.00619	.00050	-.00003	-.00037	-.00263
#3	-.00003	.00009	.02468	.00015	-.00022	-.00085	.00418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01117	.00048	.00039	-.17518	.00029	-.00068
Stddev	.00004	.00800	.00025	.00040	.00274	.00027	.00006
%RSD	87.855	71.601	53.443	104.09	1.5639	94.358	8.9499

#1	-.00008	.01270	.00077	.00047	-.17748	.00055	-.00063
#2	-.00002	.01830	.00031	-.00005	-.17215	.00032	-.00067
#3	-.00002	.00252	.00035	.00074	-.17592	.00000	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03773	.00017	.00962	F -.01013	.00186	-.00064	.00028
Stddev	.02068	.00009	.01095	.00195	.00232	.00047	.00109
%RSD	54.810	53.180	113.86	19.299	124.88	72.618	395.16

#1	-.06134	.00008	.01337	-.00921	.00452	-.00017	-.00086
#2	-.02282	.00025	-.00272	-.00880	.00080	-.00110	.00132
#3	-.02904	.00018	.01820	-.01237	.00025	-.00065	.00036

Sample Name: CCB05 Acquired: 12/20/2018 17:41:51 Type: Unk
Method: P4-ICP2(v2673) 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	-.00391	-.0039	-.00001	F 3.3844	F<.00000
Stddev	.00052	.0004	.00004	.0698	.25986
%RSD	13.337	10.86	428.72	2.0615	28.134
#1	-.00450	-.0042	.00004	3.3106	-1.2146
#2	-.00352	-.0034	-.00004	3.4493	-.71454
#3	-.00370	-.0040	-.00003	3.3934	-.84182
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3022.1	43134.	3828.2	95.389	3751.2
Stddev	24.9	177.	35.4	.405	16.6
%RSD	.82363	.41070	.92370	.42425	.44130
#1	2996.4	42936.	3789.2	95.833	3749.7
#2	3046.1	43189.	3837.3	95.042	3768.5
#3	3024.0	43277.	3858.2	95.292	3735.5

Sample Name: J6358-16DUP Acquired: 12/20/2018 18:08:45 Type: Unk
Method: P4-ICP2(v2673) 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	.00163	.00051	-.00196	-.00342	-.00021	.00781	.01955	-.00001
Stddev	.00061	.00071	.00100	.00072	.00052	.00597	.00128	.00006
%RSD	37.394	139.57	51.085	21.106	250.97	76.384	6.5653	869.76

#1	.00134	-.00020	-.00299	-.00348	-.00065	.00987	.01978	-.00007
#2	.00233	.00122	-.00190	-.00268	.00036	.00109	.02071	.00005
#3	.00122	.00050	-.00099	-.00412	-.00033	.01248	.01817	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	11.168	.00664	-.00003	-.00105	.00194	.00112	1.8837
Stddev	.00003	.290	.00029	.00022	.00023	.00697	.00007	.0694
%RSD	2.2490	2.6008	4.3958	858.98	21.371	358.52	6.3998	3.6853

#1	.00141	11.250	.00674	.00014	-.00080	-.00334	.00119	1.9290
#2	.00147	11.408	.00688	-.00028	-.00121	.00984	.00113	1.9184
#3	.00142	10.845	.00632	.00006	-.00115	-.00067	.00105	1.8038

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	.00025	15.409	.00057	.00605	1.3409	.00007	.00826
Stddev	.00020	.00012	.366	.00018	.00024	.0355	.00019	.00391
%RSD	19.193	46.268	2.3742	31.457	4.0117	2.6477	289.00	47.326

#1	.00129	.00033	15.496	.00070	.00601	1.3530	-.00012	.01052
#2	.00090	.00012	15.723	.00064	.00630	1.3688	.00005	.01051
#3	.00099	.00030	15.007	.00036	.00582	1.3009	.00026	.00375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5128	2.6052	-.00194	-.00041	-.00163	.0135	.65652	2.8866
Stddev	.0231	.0710	.00059	.00060	.00155	.0003	.01685	1.0205
%RSD	1.5268	2.7250	30.206	145.87	94.899	1.949	2.5663	35.353

#1	1.4922	2.6173	-.00210	-.00051	-.00022	.0133	.66046	3.5763
#2	1.5086	2.6693	-.00129	-.00095	-.00138	.0134	.67105	3.3693
#3	1.5378	2.5289	-.00242	.00023	-.00329	.0138	.63805	1.7143

Sample Name: J6358-16DUP Acquired: 12/20/2018 18:08:45 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .12454
 %RSD 22.358

#1 -.45052
 #2 -.69397
 #3 -.52665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.9	43991.	3965.3	101.16	3748.7
Stddev	39.9	2008.	83.6	2.81	43.4
%RSD	1.3168	4.5648	2.1075	2.7786	1.1575

#1	3074.2	42634.	3957.3	101.02	3790.4
#2	3022.9	43040.	3886.0	98.426	3751.9
#3	2995.6	46298.	4052.5	104.04	3703.8

Sample Name: J6343-07 Acquired: 12/20/2018 18:13:10 Type: Unk
Method: P4-ICP2(v2673) 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	-.00000	-.00044	-.00072	-.00168	.00072	-.00145	.09533	.00004
Stddev	.00339	.00063	.00039	.00364	.00099	.00711	.00048	.00001
%RSD	78071.	143.66	54.093	216.92	137.09	491.07	.50507	35.378

#1	-.00080	-.00005	-.00036	.00243	-.00015	.00674	.09542	.00004
#2	.00371	-.00116	-.00113	-.00450	.00180	-.00606	.09576	.00005
#3	-.00292	-.00010	-.00068	-.00295	.00051	-.00501	.09481	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00320	13.711	.00191	-.00013	.00022	-.00323	.00043	5.0420
Stddev	.00009	.054	.00055	.00008	.00033	.01018	.00005	.0222
%RSD	2.7865	.39078	28.962	60.674	154.74	314.84	12.394	.44120

#1	.00311	13.759	.00230	-.00008	.00039	-.00582	.00044	5.0189
#2	.00329	13.653	.00214	-.00009	-.00017	.00799	.00047	5.0632
#3	.00320	13.720	.00128	-.00022	.00043	-.01187	.00037	5.0439

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00002	107.35	.00029	.01786	1.7189	.00000	.01256
Stddev	.00063	.00039	.25	.00018	.00029	.0116	.00002	.00762
%RSD	47.000	1929.5	.23584	63.009	1.6480	.67425	578.12	60.691

#1	.00070	-.00005	107.28	.00008	.01813	1.7055	.00003	.02071
#2	.00135	-.00040	107.13	.00039	.01755	1.7261	-.00002	.01136
#3	.00194	.00038	107.62	.00041	.01790	1.7251	.00000	.00561

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4044	2.9336	-.00323	-.00213	-.00601	-.0023	.20934	4.2171
Stddev	.0708	.0233	.00014	.00134	.00140	.0008	.00036	.8119
%RSD	1.3109	.79353	4.4625	62.907	23.212	34.35	.17293	19.253

#1	5.3260	2.9462	-.00331	-.00363	-.00606	-.0016	.20923	4.6055
#2	5.4235	2.9067	-.00333	-.00106	-.00460	-.0022	.20904	4.7619
#3	5.4638	2.9478	-.00307	-.00171	-.00739	-.0032	.20974	3.2839

Sample Name: J6343-07 Acquired: 12/20/2018 18:13:10 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .54007
Stddev .12144
%RSD 22.486

#1 .60770
#2 .39988
#3 .61264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.6	41595.	3809.2	96.308	3456.9
Stddev	7.0	1275.	14.4	1.651	17.4
%RSD	.24017	3.0656	.37862	1.7142	.50269

#1	2935.6	40890.	3798.6	96.630	3456.9
#2	2922.6	40829.	3825.6	97.774	3439.6
#3	2924.5	43067.	3803.4	94.520	3474.3

Sample Name: J6343-09 Acquired: 12/20/2018 18:17:35 Type: Unk
Method: P4-ICP2(v2673) 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	-.00056	-.00220	-.00090	-.00080	-.00117	.07408	.00007
Stddev	.00172	.00065	.00056	.00185	.00221	.00497	.00411	.00006
%RSD	140.63	114.72	25.600	205.88	275.10	424.74	5.5518	83.869

#1	-.00008	.00000	-.00242	-.00021	-.00284	-.00259	.07564	.00003
#2	.00318	-.00127	-.00261	.00051	-.00112	.00436	.07719	.00004
#3	.00058	-.00043	-.00156	-.00300	.00155	-.00528	.06942	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	16.221	.00040	.00008	-.00081	-.01180	.02105	7.0110
Stddev	.00004	.828	.00019	.00010	.00014	.00388	.00122	.3572
%RSD	85.984	5.1046	47.065	131.17	16.605	32.904	5.8103	5.0954

#1	.00010	16.702	.00044	.00017	-.00068	-.01278	.02018	7.2040
#2	.00005	16.697	.00019	.00009	-.00095	-.01509	.02051	7.2303
#3	.00001	15.265	.00056	-.00003	-.00082	-.00752	.02245	6.5988

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00012	30.672	.00028	.00633	2.2369	-.00006	.03528
Stddev	.00034	.00030	1.470	.00033	.00030	.1096	.00029	.00788
%RSD	23.247	244.49	4.7927	115.35	4.6697	4.8978	478.32	22.335

#1	.00167	-.00041	31.636	.00008	.00661	2.2508	.00026	.03270
#2	.00160	-.00013	31.400	.00011	.00636	2.3388	-.00030	.02902
#3	.00106	.00018	28.980	.00066	.00602	2.1210	-.00014	.04413

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2320	3.3335	-.00369	-.00038	-.01059	-.0034	.17287	3.0215
Stddev	.0879	.1033	.00018	.00035	.00057	.0006	.00920	.9542
%RSD	1.4109	3.0998	5.0158	91.443	5.4101	16.47	5.3200	31.579

#1	6.3170	3.4022	-.00372	-.00045	-.01069	-.0029	.17804	2.4350
#2	6.1414	3.3835	-.00349	-.00069	-.01111	-.0033	.17832	2.5071
#3	6.2376	3.2146	-.00386	-.00000	-.00997	-.0040	.16225	4.1225

Sample Name: J6343-09 Acquired: 12/20/2018 18:17:35 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .36182
 Stddev .33880
 %RSD 93.638

#1 .21168
 #2 .12404
 #3 .74975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.1	43190.	3976.8	101.54	3680.3
Stddev	37.8	2009.	167.3	2.80	50.5
%RSD	1.2499	4.6524	4.2076	2.7612	1.3724

#1	2991.2	44517.	3873.3	98.687	3634.9
#2	3065.4	44176.	3887.3	101.65	3734.7
#3	3015.5	40879.	4169.9	104.29	3671.2

Sample Name: J6343-11 Acquired: 12/20/2018 18:22:00 Type: Unk
Method: P4-ICP2(v2673) 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	.00133	.00014	-.00278	-.00188	.00011	-.00264	.05886	.00006
Stddev	.00060	.00118	.00089	.00284	.00039	.00264	.00096	.00002
%RSD	45.085	833.28	32.085	150.71	374.29	99.976	1.6229	29.325

#1	.00113	-.00117	-.00380	-.00282	-.00034	-.00099	.05981	.00005
#2	.00085	.00047	-.00217	.00130	.00040	-.00124	.05790	.00006
#3	.00200	.00112	-.00236	-.00414	.00026	-.00568	.05888	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	14.139	.00026	.00024	.00274	.00347	.00675	4.1584
Stddev	.00004	.068	.00008	.00009	.00015	.00194	.00039	.0564
%RSD	310.31	.48175	31.361	39.463	5.4493	55.983	5.8388	1.3552

#1	-.00002	14.211	.00034	.00030	.00286	.00280	.00648	4.1943
#2	.00001	14.132	.00017	.00013	.00257	.00195	.00655	4.0935
#3	.00005	14.075	.00027	.00028	.00279	.00566	.00720	4.1876

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	.00062	20.779	.00058	.02164	2.6294	-.00017	.05776
Stddev	.00021	.00040	.233	.00030	.00026	.0080	.00015	.00239
%RSD	9.7174	64.355	1.1198	52.195	1.2155	.30448	91.577	4.1349

#1	.00205	.00033	20.970	.00093	.02160	2.6382	-.00004	.05581
#2	.00194	.00046	20.519	.00045	.02140	2.6226	-.00012	.06042
#3	.00234	.00108	20.847	.00037	.02192	2.6274	-.00034	.05704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2394	3.5364	-.00454	-.00002	-.00858	-.0021	.25190	4.0541
Stddev	.1693	.0790	.00052	.00174	.00269	.0013	.00205	1.0957
%RSD	2.3381	2.2338	11.529	8347.1	31.319	61.32	.81281	27.027

#1	7.4347	3.5495	-.00514	-.00026	-.00617	-.0012	.25369	3.2817
#2	7.1457	3.4517	-.00428	-.00163	-.01148	-.0036	.24967	3.5724
#3	7.1376	3.6081	-.00420	.00182	-.00810	-.0016	.25233	5.3081

Sample Name: J6343-11 Acquired: 12/20/2018 18:22:00 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .55360
%RSD 288.93

#1 .10507
#2 .15043
#3 -.83030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.9	41796.	3887.2	99.065	3699.4
Stddev	73.0	2135.	61.4	1.137	89.7
%RSD	2.4201	5.1081	1.5787	1.1480	2.4245

#1	2932.8	43355.	3844.6	99.517	3597.1
#2	3072.3	42671.	3957.6	99.907	3736.9
#3	3039.5	39363.	3859.6	97.771	3764.3

Sample Name: J6343-13 Acquired: 12/20/2018 18:26:25 Type: Unk
Method: P4-ICP2(v2673) 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	.00180	-.00018	-.00212	.00041	-.00079	-.00918	.04579	-.00002
Stddev	.00183	.00062	.00051	.00039	.00036	.00547	.00357	.00002
%RSD	101.61	355.44	23.885	96.315	45.379	59.552	7.8005	85.641

#1	.00392	-.00083	-.00194	.00057	-.00103	-.00304	.04568	-.00003
#2	.00083	.00041	-.00172	-.00004	-.00038	-.01352	.04228	-.00002
#3	.00067	-.00010	-.00269	.00069	-.00096	-.01097	.04942	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	15.577	.00057	-.00008	-.00040	-.01021	.00015	2.9267
Stddev	.00001	.942	.00014	.00009	.00029	.00094	.00005	.2366
%RSD	69.809	6.0500	24.562	110.05	72.863	9.1911	33.096	8.0835

#1	-.00001	15.549	.00061	-.00017	-.00027	-.00992	.00019	2.9215
#2	-.00001	14.649	.00069	-.00008	-.00019	-.01126	.00018	2.6928
#3	-.00003	16.533	.00042	.00001	-.00073	-.00945	.00010	3.1659

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00003	53.961	.00020	.00678	2.2392	-.00023	.03835
Stddev	.00014	.00080	3.234	.00020	.00052	.1152	.00006	.00441
%RSD	59.976	2916.7	5.9940	98.649	7.7344	5.1434	24.868	11.508

#1	.00040	.00041	54.293	.00030	.00679	2.2457	-.00017	.04266
#2	.00013	-.00095	50.573	.00033	.00626	2.1209	-.00025	.03384
#3	.00019	.00045	57.017	-.00003	.00731	2.3510	-.00028	.03854

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4950	2.0153	-.00340	-.00019	-.01001	-.0001	.08107	3.7362
Stddev	.1964	.1098	.00012	.00022	.00166	.0004	.00510	.6662
%RSD	3.5736	5.4461	3.3984	114.08	16.618	297.9	6.2921	17.831

#1	5.5230	2.0259	-.00351	.00003	-.01093	.0003	.08046	4.2815
#2	5.2861	1.9006	-.00341	-.00041	-.01100	-.0004	.07630	3.9333
#3	5.6758	2.1194	-.00328	-.00019	-.00809	-.0003	.08645	2.9936

Sample Name: J6343-13 Acquired: 12/20/2018 18:26:25 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .17407
 Stddev .16889
 %RSD 97.022

#1 .29151
 #2 .25019
 #3 -.01948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.8	42826.	3954.7	100.79	3643.4
Stddev	90.0	1327.	216.4	6.63	107.8
%RSD	2.9853	3.0983	5.4730	6.5742	2.9600

#1	3017.2	41968.	3930.7	100.67	3620.9
#2	3103.5	42156.	4182.1	107.47	3760.8
#3	2923.5	44355.	3751.2	94.218	3548.6

Sample Name: J6343-17 Acquired: 12/20/2018 18:35:16 Type: Unk
Method: P4-ICP2(v2673) 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	.00271	-.00048	-.00248	-.00246	-.00028	-.00475	.02684	.00005
Stddev	.00103	.00014	.00039	.00175	.00074	.00365	.00058	.00003
%RSD	38.137	29.490	15.743	71.061	263.41	76.835	2.1461	65.757

#1	.00390	-.00065	-.00276	-.00436	-.00073	-.00094	.02739	.00001
#2	.00220	-.00039	-.00203	-.00094	.00058	-.00509	.02624	.00006
#3	.00203	-.00041	-.00264	-.00207	-.00070	-.00822	.02689	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	6.8424	.01321	.00003	-.00095	.01186	.00095	2.1431
Stddev	.00005	.0521	.00016	.00027	.00016	.00124	.00008	.0043
%RSD	2139.5	.76185	1.2226	806.38	16.564	10.459	7.9790	.19919

#1	-.00005	6.8101	.01324	-.00022	-.00110	.01176	.00093	2.1438
#2	.00005	6.8145	.01304	-.00000	-.00095	.01314	.00104	2.1471
#3	.00001	6.9025	.01336	.00033	-.00079	.01067	.00089	2.1386

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	.00034	43.769	.00019	.00340	.90599	-.00018	.02084
Stddev	.00031	.00018	.069	.00030	.00009	.05116	.00008	.00729
%RSD	16.504	54.137	.15826	159.77	2.7741	5.6471	46.546	34.991

#1	.00162	.00022	43.692	.00009	.00340	.88628	-.00021	.02208
#2	.00223	.00024	43.789	-.00005	.00331	.86762	-.00025	.02742
#3	.00180	.00054	43.826	.00052	.00350	.96408	-.00009	.01300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2165	2.2043	-.00455	.00125	-.00898	-.0022	.04436	4.1556
Stddev	.2799	.0168	.00061	.00218	.00139	.0020	.00034	.2946
%RSD	5.3652	.76047	13.411	173.59	15.437	89.40	.76569	7.0902

#1	5.4762	2.1874	-.00416	.00363	-.01031	-.0042	.04405	4.4215
#2	5.2532	2.2047	-.00526	.00077	-.00754	-.0023	.04431	4.2064
#3	4.9201	2.2209	-.00424	-.00064	-.00908	-.0002	.04472	3.8389

Sample Name: J6343-17 Acquired: 12/20/2018 18:35:16 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .40420
 Stddev .20488
 %RSD 50.688

#1 .17273
 #2 .47763
 #3 .56225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.2	42237.	3846.6	97.144	3718.7
Stddev	149.0	232.	11.8	.541	187.6
%RSD	4.8501	.54834	.30564	.55653	5.0444

#1	2941.2	42076.	3859.9	96.845	3551.4
#2	3043.4	42133.	3842.2	97.768	3683.1
#3	3234.8	42503.	3837.7	96.818	3921.5

Sample Name: J6343-19 Acquired: 12/20/2018 18:39:42 Type: Unk
Method: P4-ICP2(v2673) 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	.00047	-.00132	-.00111	-.00007	-.00017	.01598	.07594	.00023
Stddev	.00156	.00076	.00101	.00202	.00068	.00980	.01392	.00002
%RSD	332.41	57.935	90.862	3083.2	399.54	61.319	18.325	8.7523

#1	.00195	-.00055	-.00216	-.00018	.00010	.01233	.08364	.00021
#2	.00062	-.00134	-.00103	.00201	.00034	.00853	.08431	.00024
#3	-.00116	-.00208	-.00015	-.00203	-.00095	.02708	.05988	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	24.371	.00004	.00295	.00146	-.01339	.05527	8.8825
Stddev	.00005	3.943	.00010	.00033	.00036	.00370	.00576	1.4034
%RSD	13.545	16.177	257.35	11.048	24.581	27.642	10.413	15.800

#1	.00033	26.529	-.00007	.00268	.00179	-.01748	.05455	9.6319
#2	.00035	26.764	.00013	.00285	.00108	-.01240	.04991	9.7522
#3	.00043	19.821	.00007	.00331	.00153	-.01028	.06136	7.2635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00470	.00036	57.460	.00025	.02468	1.9458	-.00027	.03302
Stddev	.00058	.00092	9.139	.00017	.00371	.2611	.00019	.00873
%RSD	12.270	252.25	15.904	67.159	15.015	13.421	70.275	26.434

#1	.00467	.00042	62.472	.00033	.02613	2.0751	-.00037	.03784
#2	.00530	-.00058	62.996	.00036	.02745	2.1170	-.00005	.03828
#3	.00414	.00125	46.912	.00006	.02047	1.6452	-.00038	.02295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5858	3.3557	-.00249	.00141	-.00900	-.0031	.25773	5.3544
Stddev	.0835	.4153	.00022	.00211	.00041	.0014	.04149	1.5210
%RSD	5.2656	12.376	8.8863	149.25	4.5382	45.64	16.097	28.406

#1	1.5353	3.5999	-.00260	-.00010	-.00871	-.0018	.28061	5.2608
#2	1.5400	3.5910	-.00224	.00383	-.00883	-.0030	.28273	3.8823
#3	1.6822	2.8762	-.00263	.00051	-.00947	-.0046	.20984	6.9199

Sample Name: J6343-19 Acquired: 12/20/2018 18:39:42 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4321
 Stddev .3111
 %RSD 21.726

#1 1.6428
 #2 1.0747
 #3 1.5787

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.8	39685.	4175.1	105.77	3434.6
Stddev	128.7	3299.	635.8	16.48	155.4
%RSD	4.4346	8.3133	15.227	15.581	4.5233

#1	2981.2	39954.	3821.3	98.412	3527.7
#2	2972.9	42842.	3794.9	94.246	3520.7
#3	2754.2	36260.	4909.0	124.64	3255.2

Sample Name: J6343-21 Acquired: 12/20/2018 18:44:09 Type: Unk
Method: P4-ICP2(v2673) 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	.00028	-.00013	-.00236	-.00238	-.00007	.01068	.02161	.00001
Stddev	.00096	.00063	.00049	.00030	.00063	.01197	.00017	.00005
%RSD	347.87	470.65	20.813	12.807	911.92	112.05	.76714	941.20

#1	.00062	-.00009	-.00183	-.00268	-.00056	.01844	.02160	-.00002
#2	.00102	-.00078	-.00244	-.00238	.00064	.01669	.02144	.00007
#3	-.00081	.00047	-.00280	-.00207	-.00029	-.00310	.02178	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	8.1422	.00088	-.00008	-.00091	.00855	.00037	1.9141
Stddev	.00007	.0369	.00022	.00007	.00033	.00745	.00003	.0183
%RSD	10.580	.45371	25.442	99.648	35.958	87.109	8.0136	.95775

#1	.00077	8.1840	.00071	.00000	-.00116	.00495	.00033	1.9285
#2	.00063	8.1286	.00080	-.00009	-.00054	.00359	.00037	1.8934
#3	.00068	8.1139	.00113	-.00014	-.00104	.01712	.00039	1.9203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00050	27.898	.00042	.00687	1.6765	-.00011	.01773
Stddev	.00020	.00046	.380	.00042	.00027	.0325	.00018	.00849
%RSD	25.869	92.122	1.3612	99.010	3.9175	1.9411	159.61	47.908

#1	.00080	.00103	28.206	-.00006	.00704	1.6525	-.00010	.02390
#2	.00056	.00016	28.016	.00070	.00701	1.7135	.00006	.00804
#3	.00096	.00031	27.474	.00063	.00656	1.6634	-.00030	.02124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7331	2.2367	-.00290	.00069	-.00958	-.0008	.05884	3.7137
Stddev	.0692	.0319	.00020	.00039	.00083	.0003	.00005	.1223
%RSD	2.5334	1.4276	7.0061	55.673	8.6917	43.60	.09141	3.2926

#1	2.7681	2.2499	-.00313	.00080	-.00920	-.0005	.05890	3.8068
#2	2.7779	2.2599	-.00275	.00026	-.01053	-.0007	.05881	3.5753
#3	2.6534	2.2003	-.00282	.00101	-.00900	-.0012	.05880	3.7591

Sample Name: J6343-21 Acquired: 12/20/2018 18:44:09 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .29002
Stddev .38518
%RSD 132.81

#1 .20383
#2 .71099
#3 -.04476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.4	43029.	3875.7	99.327	3733.5
Stddev	76.1	103.	63.9	2.159	81.3
%RSD	2.4974	.24018	1.6491	2.1736	2.1765

#1	3027.6	43077.	3822.9	98.114	3690.0
#2	2981.5	43099.	3857.4	98.048	3683.3
#3	3130.1	42910.	3946.8	101.82	3827.3

Sample Name: J6358-16A Acquired: 12/20/2018 18:48:35 Type: Unk
Method: P4-ICP2(v2673) 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	.72399	1.6540	.84182	1.7210	.72642	1.8577	.20649
Stddev	.00301	.0173	.00568	.0134	.00624	.0104	.00104
%RSD	.41602	1.0484	.67425	.77922	.85864	.55828	.50592

#1	.72446	1.6647	.84174	1.7242	.72691	1.8500	.20770
#2	.72077	1.6340	.83619	1.7063	.71995	1.8695	.20587
#3	.72674	1.6633	.84754	1.7326	.73239	1.8536	.20590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17511	.16437	12.191	.38553	.17067	.27975	2.6122
Stddev	.00013	.00148	.019	.00044	.00143	.00191	.0289
%RSD	.07163	.90204	.15622	.11411	.84021	.68101	1.1059

#1	.17500	.16487	12.180	.38567	.17096	.27950	2.5791
#2	.17524	.16270	12.181	.38503	.16911	.27799	2.6252
#3	.17508	.16554	12.213	.38587	.17194	.28177	2.6323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18829	3.7048	.41444	.06097	17.933	.26262	.18653
Stddev	.00039	.0181	.00325	.00019	.048	.00034	.00105
%RSD	.20545	.48834	.78458	.30674	.26746	.12901	.56294

#1	.18827	3.7209	.41572	.06115	17.958	.26236	.18534
#2	.18869	3.6852	.41075	.06098	17.877	.26249	.18732
#3	.18792	3.7082	.41686	.06078	17.962	.26300	.18693

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.586	.38169	.27027	1.4075	3.4123	.57511	.17496
Stddev	.046	.00260	.00033	.0114	.0119	.00746	.00229
%RSD	.43120	.68234	.12054	.81193	.34852	1.2966	1.3076

#1	10.582	.38279	.27004	1.4151	3.4207	.57737	.17304
#2	10.543	.37872	.27012	1.3944	3.4175	.56678	.17435
#3	10.634	.38357	.27064	1.4131	3.3987	.58117	.17749

Sample Name: J6358-16A Acquired: 12/20/2018 18:48:35 Type: Unk
 Method: P4-ICP2(v2673) 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	.17910	4.530	.84157	4.1178	F<.00000
Stddev	.00220	.034	.00176	.0185	.46646
%RSD	1.2284	.7486	.20873	.44800	18.920
#1	.18089	4.539	.83972	4.0995	-2.9410
#2	.17664	4.493	.84175	4.1173	-2.4468
#3	.17978	4.559	.84322	4.1364	-2.0086
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.2	42217.	3772.4	95.181	3668.1
Stddev	19.9	48.	18.2	.526	32.5
%RSD	.65871	.11431	.48172	.55272	.88518
#1	3011.9	42181.	3791.4	95.740	3652.4
#2	3037.8	42199.	3770.5	95.105	3705.5
#3	2998.8	42272.	3755.2	94.696	3646.5

Sample Name: J6343-15 Acquired: 12/20/2018 18:57:12 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00002	-.00164	.00130	-.00062	-.00188	.04482	-.00004
Stddev	.00014	.00090	.00070	.00085	.00107	.00648	.00138	.00006
%RSD	24.284	5506.7	42.811	65.637	172.76	345.57	3.0688	158.71

#1	.00044	.00035	-.00144	.00110	-.00032	-.00743	.04579	-.00003
#2	.00073	-.00100	-.00106	.00223	-.00181	-.00344	.04325	.00002
#3	.00059	.00070	-.00242	.00056	.00027	.00525	.04543	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	15.210	.00060	-.00010	-.00013	-.00728	.00007	2.8379
Stddev	.00005	.394	.00017	.00011	.00007	.00930	.00004	.0925
%RSD	624.90	2.5900	28.130	104.76	50.532	127.71	52.646	3.2579

#1	-.00004	15.281	.00065	-.00015	-.00020	-.01430	.00003	2.8682
#2	.00000	14.785	.00073	-.00017	-.00011	-.01081	.00010	2.7341
#3	.00006	15.563	.00041	.00002	-.00008	.00326	.00009	2.9114

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00025	53.115	-.00002	.00558	2.1936	.00012	.03219
Stddev	.00033	.00030	1.593	.00048	.00031	.0600	.00024	.00523
%RSD	335.99	120.28	2.9984	2059.4	5.4915	2.7360	201.75	16.257

#1	.00047	.00059	53.682	-.00049	.00576	2.2430	.00020	.03006
#2	-.00012	.00010	51.317	-.00005	.00522	2.1268	-.00015	.02836
#3	-.00006	.00005	54.346	.00047	.00574	2.2111	.00030	.03816

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2847	1.9553	-.00370	.00112	-.00950	-.0005	.07926	3.2828
Stddev	.0537	.0611	.00034	.00060	.00073	.0005	.00217	.6122
%RSD	1.0164	3.1223	9.1152	53.661	7.7307	99.66	2.7335	18.650

#1	5.3351	1.9678	-.00404	.00065	-.00870	-.0005	.07984	3.5488
#2	5.2908	1.8890	-.00337	.00090	-.01015	.0000	.07686	2.5825
#3	5.2282	2.0091	-.00369	.00179	-.00965	-.0009	.08107	3.7170

Sample Name: J6343-15 Acquired: 12/20/2018 18:57:12 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .17744
 Stddev .31629
 %RSD 178.25

#1 -.18586
 #2 .32664
 #3 .39153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.9	42621.	3887.6	97.025	3591.3
Stddev	33.2	1149.	87.8	3.228	37.3
%RSD	1.1053	2.6954	2.2596	3.3266	1.0391

#1	2965.4	42179.	3858.7	95.513	3554.9
#2	3015.0	43925.	3986.2	100.73	3589.4
#3	3028.4	41758.	3817.8	94.831	3629.5

Sample Name: CCV06 Acquired: 12/20/2018 19:01:39 Type: Unk
Method: P4-ICP2(v2673) 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	5.2595	4.8590	5.0074	5.0918	5.2151	10.390	10.080	.25290
Stddev	.0080	.0064	.0144	.0157	.0039	.014	.046	.00073
%RSD	.15226	.13144	.28759	.30752	.07513	.13933	.45838	.28768
#1	5.2657	4.8517	4.9922	5.1097	5.2109	10.377	10.108	.25355
#2	5.2504	4.8615	5.0209	5.0851	5.2160	10.406	10.027	.25304
#3	5.2622	4.8637	5.0090	5.0806	5.2186	10.389	10.106	.25211
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4410	26.318	1.0163	2.4752	1.2748	4.7887	2.5408	25.294
Stddev	.0042	.082	.0034	.0048	.0021	.0765	.0061	.151
%RSD	.17112	.31017	.33893	.19450	.16303	1.5973	.24107	.59549
#1	2.4383	26.272	1.0147	2.4722	1.2758	4.8021	2.5404	25.144
#2	2.4458	26.270	1.0139	2.4808	1.2724	4.7064	2.5350	25.292
#3	2.4388	26.412	1.0203	2.4727	1.2762	4.8576	2.5472	25.445
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4111	1.2285	23.917	2.3945	2.4953	25.013	5.2443	4.9706
Stddev	.0049	.0016	.126	.0113	.0539	.161	.0040	.0283
%RSD	.20130	.12867	.52542	.47051	2.1606	.64328	.07728	.56922
#1	2.4070	1.2303	23.895	2.3936	2.5177	25.143	5.2442	4.9563
#2	2.4165	1.2274	23.804	2.3837	2.4338	24.833	5.2485	4.9522
#3	2.4099	1.2278	24.052	2.4062	2.5343	25.063	5.2404	5.0032
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0209	5.0479	4.9860	5.0450	4.9952	4.897	5.3135	4.5511
Stddev	.0124	.0422	.0045	.0171	.0252	.005	.0312	.2235
%RSD	.24675	.83507	.08989	.33895	.50364	.1087	.58705	4.9103
#1	5.0336	5.0371	4.9810	5.0405	5.0129	4.891	5.3351	4.5016
#2	5.0203	5.0122	4.9894	5.0639	4.9664	4.901	5.2778	4.3565
#3	5.0088	5.0944	4.9878	5.0306	5.0063	4.900	5.3277	4.7952

Sample Name: CCV06 Acquired: 12/20/2018 19:01:39 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3098
Stddev .4194
%RSD 18.157

#1 2.7861
#2 1.9960
#3 2.1472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.9	40870.	3817.3	92.664	3297.0
Stddev	2.2	147.	25.0	2.172	2.5
%RSD	.07597	.35870	.65600	2.3444	.07630

#1	2927.5	40879.	3811.4	91.788	3299.1
#2	2928.7	41012.	3844.7	95.137	3294.2
#3	2924.4	40719.	3795.7	91.066	3297.7

Sample Name: CCB06 Acquired: 12/20/2018 19:05:37 Type: Unk
Method: P4-ICP2(v2673) 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	.00198	.00029	.00016	-.00088	.00001	.00024	.00017
Stddev	.00187	.00066	.00011	.00093	.00005	.01074	.00010
%RSD	94.635	229.70	69.393	105.19	578.80	4432.2	60.743

#1	-.00017	.00106	.00029	.00013	-.00002	-.01214	.00006
#2	.00284	-.00006	.00011	-.00110	-.00002	.00693	.00027
#3	.00326	-.00013	.00008	-.00168	.00006	.00594	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00009	.02403	.00037	.00009	-.00045	-.00030
Stddev	.00007	.00003	.01934	.00016	.00018	.00035	.00560
%RSD	2245.0	37.178	80.475	43.134	199.59	77.380	1835.8

#1	-.00002	.00012	.00172	.00045	.00023	-.00085	.00540
#2	.00008	.00005	.03441	.00019	-.00011	-.00022	-.00578
#3	-.00005	.00010	.03595	.00048	.00015	-.00028	-.00054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.03043	.00031	.00025	-.15692	-.00008	-.00050
Stddev	.00003	.00918	.00010	.00068	.00921	.00011	.00010
%RSD	40.960	30.169	31.592	276.12	5.8703	137.67	20.570

#1	-.00004	.01985	.00025	.00103	-.16040	.00005	-.00039
#2	-.00006	.03521	.00025	-.00015	-.14648	-.00014	-.00059
#3	-.00009	.03623	.00042	-.00014	-.16389	-.00014	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03324	-.00006	.00476	-.00268	.00089	-.00108	.00132
Stddev	.05061	.00009	.01187	.00275	.00194	.00019	.00090
%RSD	152.26	151.69	249.29	102.47	216.68	17.382	68.074

#1	-.00025	.00002	.01340	-.00055	.00243	-.00096	.00082
#2	.00851	-.00016	-.00878	-.00579	.00153	-.00130	.00236
#3	.09146	-.00004	.00966	-.00171	-.00128	-.00098	.00078

Sample Name: CCB06 Acquired: 12/20/2018 19:05:37 Type: Unk
 Method: P4-ICP2(v2673) 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	-.00127	-.0018	-.00005	F 3.0676	F<.00000
Stddev	.00102	.0002	.00007	.0656	.23319
%RSD	79.919	8.396	124.99	2.1393	49.923
#1	-.00197	-.0019	-.00001	3.1239	-.67756
#2	-.00011	-.0016	-.00002	3.0833	-.21641
#3	-.00174	-.0018	-.00013	2.9955	-.50734
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.6	43183.	3807.6	95.419	3788.7
Stddev	6.9	206.	30.9	.561	14.9
%RSD	.22469	.47629	.81136	.58808	.39378
#1	3059.1	42957.	3820.0	94.975	3787.4
#2	3068.0	43232.	3772.4	95.233	3804.3
#3	3072.6	43360.	3830.3	96.050	3774.5

Sample Name: J6358-18 Acquired: 12/20/2018 19:14:42 Type: Unk
Method: P4-ICP2(v2673) 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	.00070	-.00059	-.00089	-.00109	-.00207	.13215	.09638	.00013
Stddev	.00047	.00118	.00051	.00089	.00014	.00231	.00041	.00005
%RSD	67.439	198.87	57.376	81.570	6.9143	1.7506	.42778	36.866

#1	.00025	-.00094	-.00148	-.00134	-.00223	.13273	.09607	.00019
#2	.00066	.00072	-.00055	-.00182	-.00206	.13411	.09623	.00011
#3	.00120	-.00156	-.00064	-.00010	-.00194	.12960	.09685	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	48.452	-.00025	.00394	.00259	.38967	.22585	6.6944
Stddev	.00007	.211	.00012	.00026	.00045	.00843	.00696	.0692
%RSD	31.934	.43556	48.488	6.6768	17.288	2.1622	3.0821	1.0333

#1	.00014	48.215	-.00015	.00410	.00309	.39172	.23011	6.6322
#2	.00027	48.620	-.00039	.00364	.00222	.39688	.22963	6.6822
#3	.00027	48.521	-.00021	.00409	.00246	.38041	.21782	6.7689

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00025	118.17	.00048	.00833	3.6192	-.00008	.03668
Stddev	.00049	.00033	.42	.00022	.00012	.0113	.00004	.00927
%RSD	510.58	132.76	.35843	46.648	1.4888	.31290	55.556	25.285

#1	-.00035	-.00012	118.52	.00051	.00842	3.6322	-.00012	.04634
#2	.00063	.00051	118.29	.00069	.00819	3.6112	-.00009	.02786
#3	.00001	.00036	117.70	.00024	.00839	3.6143	-.00003	.03583

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7815	3.0615	-.00536	-.00214	-.00834	-.0008	.37376	3.0625
Stddev	.3671	.0338	.00047	.00141	.00091	.0009	.00122	.5581
%RSD	3.7533	1.1039	8.8535	65.894	10.866	104.2	.32555	18.222

#1	10.108	3.0944	-.00486	-.00230	-.00802	-.0013	.37238	3.1709
#2	9.3843	3.0634	-.00581	-.00347	-.00763	-.0014	.37468	3.5584
#3	9.8521	3.0269	-.00540	-.00066	-.00936	.0002	.37422	2.4582

Sample Name: J6358-18 Acquired: 12/20/2018 19:14:42 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .66383
Stddev .07391
%RSD 11.134

#1 .69584
#2 .71633
#3 .57931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.0	42691.	3972.5	99.093	3496.8
Stddev	94.4	1051.	1.4	1.300	109.5
%RSD	3.1236	2.4629	.03537	1.3122	3.1307

#1	2928.7	42088.	3972.8	97.614	3395.9
#2	3117.3	42081.	3971.0	100.06	3613.2
#3	3016.9	43905.	3973.8	99.608	3481.4

Sample Name: J6358-19 Acquired: 12/20/2018 19:19:07 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	.00006	-.00277	.00092	-.00109	.00169	.01898	-.00002
Stddev	.00152	.00126	.00032	.00109	.00022	.01026	.00005	.00005
%RSD	201.53	2290.0	11.610	118.71	20.220	605.70	.27882	298.22

#1	-.00100	.00131	-.00242	.00066	-.00116	.01084	.01892	.00001
#2	.00157	.00007	-.00284	-.00002	-.00084	-.00939	.01903	-.00008
#3	.00170	-.00122	-.00305	.00211	-.00126	.00363	.01898	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	15.589	.00310	.00037	-.00038	.01688	.00138	2.6935
Stddev	.00004	.081	.00033	.00014	.00019	.00626	.00005	.0318
%RSD	22.582	.52157	10.555	37.236	51.208	37.052	3.8156	1.1792

#1	.00022	15.496	.00344	.00050	-.00039	.01158	.00133	2.7273
#2	.00014	15.622	.00280	.00022	-.00057	.01529	.00138	2.6887
#3	.00018	15.648	.00305	.00039	-.00018	.02378	.00143	2.6643

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	.00003	56.920	.00039	.00228	3.1358	-.00003	.07097
Stddev	.00019	.00038	.281	.00028	.00007	.0381	.00022	.00143
%RSD	11.622	1296.0	.49323	73.277	2.9033	1.2146	814.56	2.0095

#1	.00157	-.00031	56.868	.00006	.00233	3.1146	-.00016	.06951
#2	.00179	-.00005	57.223	.00058	.00221	3.1131	.00022	.07104
#3	.00142	.00045	56.668	.00052	.00231	3.1798	-.00014	.07236

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6365	4.0134	-.00510	-.00088	-.00898	.0107	.09490	3.0554
Stddev	.1875	.0589	.00009	.00138	.00070	.0012	.00066	.3072
%RSD	1.9456	1.4677	1.6700	156.97	7.7987	11.45	.70022	10.053

#1	9.4274	3.9915	-.00514	.00059	-.00943	.0106	.09418	2.9549
#2	9.6926	4.0801	-.00501	-.00108	-.00817	.0120	.09505	2.8112
#3	9.7895	3.9686	-.00516	-.00214	-.00933	.0096	.09548	3.4003

Sample Name: J6358-19 Acquired: 12/20/2018 19:19:07 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .38895
Stddev .47306
%RSD 121.63

#1 -.11617
#2 .46143
#3 .82158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3043.0	42965.	3959.1	99.148	3631.7
Stddev	41.5	188.	44.7	.829	58.8
%RSD	1.3624	.43702	1.1293	.83565	1.6189

#1	3088.4	43031.	3954.4	98.227	3697.9
#2	3033.4	43111.	3916.8	99.832	3611.3
#3	3007.2	42753.	4005.9	99.385	3585.8

Sample Name: J6358-20 Acquired: 12/20/2018 19:23:32 Type: Unk
Method: P4-ICP2(v2673) 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	-.00022	.00020	-.00260	-.00183	-.00104	.00351	.04281	.00005
Stddev	.00132	.00022	.00058	.00183	.00060	.00265	.00074	.00005
%RSD	593.72	109.35	22.211	100.07	57.397	75.546	1.7402	106.90

#1	-.00133	.00021	-.00273	-.00387	-.00142	.00587	.04220	.00010
#2	.00124	.00041	-.00196	-.00031	-.00035	.00402	.04258	-.00000
#3	-.00058	-.00002	-.00309	-.00132	-.00136	.00064	.04364	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	23.336	.00193	.00046	-.00110	-.00356	.00021	3.5345
Stddev	.00002	.244	.00041	.00020	.00016	.00546	.00006	.0279
%RSD	4.5802	1.0473	21.321	44.187	14.821	153.60	29.670	.78832

#1	.00052	23.220	.00170	.00027	-.00103	-.00447	.00026	3.5029
#2	.00055	23.172	.00241	.00067	-.00097	-.00851	.00024	3.5448
#3	.00056	23.617	.00169	.00043	-.00128	.00230	.00014	3.5557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00010	63.855	.00029	.00291	4.6224	-.00009	.09966
Stddev	.00034	.00065	.205	.00027	.00011	.0059	.00034	.00289
%RSD	48.528	683.54	.32059	92.791	3.6304	.12682	359.28	2.8971

#1	.00073	.00063	63.618	.00020	.00282	4.6189	-.00034	.09897
#2	.00035	.00029	63.969	.00060	.00303	4.6191	-.00024	.09719
#3	.00103	-.00063	63.977	.00008	.00288	4.6291	.00029	.10283

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0240	3.4213	-.00346	-.00184	-.00852	-.0000	.13069	2.1641
Stddev	.2113	.0387	.00043	.00178	.00116	.0009	.00138	.9562
%RSD	4.2052	1.1322	12.315	96.511	13.574	9707.	1.0542	44.185

#1	4.9230	3.3803	-.00315	-.00363	-.00950	.0010	.12946	2.9692
#2	5.2669	3.4264	-.00327	-.00183	-.00724	-.0005	.13042	2.4158
#3	4.8823	3.4572	-.00394	-.00007	-.00880	-.0005	.13218	1.1072

Sample Name: J6358-20 Acquired: 12/20/2018 19:23:32 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .60770
 Stddev .21994
 %RSD 36.193

#1 .41618
 #2 .55901
 #3 .84791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.2	44271.	3915.4	98.688	3813.9
Stddev	114.7	1774.	24.0	2.066	137.0
%RSD	3.5660	4.0062	.61262	2.0929	3.5928

#1	3270.4	42594.	3939.5	98.405	3876.8
#2	3085.5	44091.	3915.1	96.778	3656.7
#3	3295.6	46128.	3891.6	100.88	3908.1

Sample Name: J6358-21 Acquired: 12/20/2018 19:27:57 Type: Unk
Method: P4-ICP2(v2673) 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	-.00060	.00033	-.00288	-.00041	-.00083	-.00773	.03491	.00001
Stddev	.00075	.00062	.00017	.00114	.00043	.00322	.00058	.00006
%RSD	124.07	188.20	5.8648	277.20	51.596	41.598	1.6694	994.84

#1	-.00137	.00088	-.00296	-.00155	-.00063	-.00929	.03473	-.00005
#2	.00013	-.00034	-.00301	.00073	-.00132	-.00403	.03444	.00006
#3	-.00057	.00044	-.00269	-.00042	-.00053	-.00987	.03556	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	10.508	.00535	-.00000	-.00116	-.00098	.00090	2.6140
Stddev	.00021	.139	.00039	.00008	.00040	.00238	.00005	.0298
%RSD	6.7180	1.3234	7.3412	2296.0	34.678	242.51	5.7538	1.1400

#1	.00300	10.547	.00514	.00008	-.00127	-.00123	.00090	2.6144
#2	.00341	10.354	.00510	-.00000	-.00149	.00151	.00095	2.5840
#3	.00310	10.623	.00580	-.00008	-.00071	-.00323	.00085	2.6436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00003	18.257	.00012	.00237	1.7106	.00000	.01814
Stddev	.00032	.00022	.239	.00024	.00020	.0199	.00008	.00275
%RSD	140.72	731.93	1.3109	205.97	8.3889	1.1629	1970.1	15.177

#1	.00058	.00021	18.444	-.00000	.00236	1.7310	.00010	.01626
#2	-.00003	.00009	17.987	.00039	.00218	1.7096	-.00003	.01686
#3	.00013	-.00021	18.340	-.00004	.00258	1.6912	-.00005	.02130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5962	2.5012	-.00274	.00103	-.01119	-.0004	.07313	3.1155
Stddev	.0775	.0332	.00058	.00205	.00112	.0005	.00078	.1823
%RSD	4.8536	1.3270	21.202	198.66	10.041	126.2	1.0664	5.8509

#1	1.5326	2.4976	-.00286	.00203	-.01186	-.0000	.07376	2.9237
#2	1.6825	2.4699	-.00211	.00238	-.00989	-.0010	.07226	3.1364
#3	1.5735	2.5360	-.00325	-.00132	-.01181	-.0002	.07338	3.2865

Sample Name: J6358-21 Acquired: 12/20/2018 19:27:57 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .29377
%RSD 447.77

#1 -.29016
#2 .26686
#3 -.17353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.2	43339.	3946.7	99.642	3723.6
Stddev	131.4	371.	48.0	1.692	160.1
%RSD	4.2725	.85566	1.2152	1.6982	4.3001

#1	3172.9	43569.	3915.9	99.797	3852.2
#2	2926.5	43536.	4001.9	101.25	3544.3
#3	3129.2	42911.	3922.1	97.878	3774.2

Sample Name: J6358-22 Acquired: 12/20/2018 19:32:24 Type: Unk
Method: P4-ICP2(v2673) 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	.00193	.00057	-.00313	-.00159	.00017	-.01349	.00719	.00003
Stddev	.00154	.00056	.00047	.00147	.00122	.00431	.00112	.00004
%RSD	79.621	98.413	14.940	92.518	715.77	31.938	15.647	151.96

#1	.00023	.00081	-.00263	-.00080	.00056	-.01090	.00847	.00001
#2	.00323	-.00007	-.00356	-.00328	-.00120	-.01846	.00636	.00000
#3	.00232	.00098	-.00319	-.00068	.00115	-.01111	.00674	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	3.3465	.00013	-.00005	-.00054	-.00573	.00046	1.2256
Stddev	.00004	.0154	.00024	.00017	.00037	.00531	.00002	.0399
%RSD	65.411	.45890	179.96	377.30	67.828	92.818	4.6176	3.2535

#1	.00001	3.3429	.00026	.00013	-.00053	-.00735	.00043	1.2706
#2	.00007	3.3332	.00028	-.00004	-.00018	.00021	.00047	1.2118
#3	.00008	3.3633	-.00014	-.00022	-.00092	-.01004	.00047	1.1945

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00017	11.049	.00004	.00643	.57345	-.00020	.02390
Stddev	.00053	.00051	.086	.00031	.00009	.02073	.00017	.00254
%RSD	73.287	294.13	.77507	840.10	1.3273	3.6154	85.119	10.632

#1	.00099	.00033	11.090	-.00019	.00645	.56449	-.00019	.02308
#2	.00011	-.00017	10.951	-.00008	.00651	.59715	-.00039	.02187
#3	.00105	-.00069	11.107	.00039	.00634	.55870	-.00004	.02675

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4394	3.0801	-.00319	.00008	-.00972	-.0014	.02368	2.2793
Stddev	.0911	.0411	.00056	.00117	.00082	.0009	.00013	.2768
%RSD	3.7324	1.3356	17.449	1455.4	8.4705	62.11	.54904	12.144

#1	2.4328	3.0577	-.00290	.00051	-.01007	-.0007	.02371	2.5603
#2	2.5336	3.0552	-.00284	.00097	-.00878	-.0024	.02354	2.2707
#3	2.3519	3.1276	-.00383	-.00124	-.01030	-.0011	.02379	2.0069

Sample Name: J6358-22 Acquired: 12/20/2018 19:32:24 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .36382
 %RSD 298.95

#1 .02732
 #2 .14395
 #3 -.53636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.4	43774.	3924.4	101.77	4029.0
Stddev	100.3	179.	48.4	.72	127.5
%RSD	3.0620	.40830	1.2346	.70810	3.1650

#1	3303.8	43698.	3930.1	101.96	4054.2
#2	3162.7	43645.	3969.7	102.37	3890.8
#3	3356.6	43978.	3873.3	100.97	4142.1

Sample Name: J6194-10 Acquired: 12/20/2018 19:36:51 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00167	.00272	.00089	.00083	.13926	.06723	.00013
Stddev	.00053	.00129	.00028	.00102	.00033	.00680	.00021	.00004
%RSD	123.90	77.658	10.381	114.55	39.779	4.8833	.31655	28.433

#1	-.00069	-.00043	.00284	.00152	.00072	.14686	.06729	.00011
#2	-.00077	-.00156	.00293	.00143	.00120	.13719	.06699	.00011
#3	.00018	-.00301	.00240	-.00029	.00057	.13374	.06740	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	9.7221	.00100	.00274	.00168	1.6268	.34643	.47699
Stddev	.00001	.0356	.00012	.00019	.00029	.0265	.00088	.02590
%RSD	272.34	.36599	11.520	6.7724	17.093	1.6262	.25418	5.4304

#1	.00001	9.7259	.00090	.00289	.00175	1.6119	.34587	.50327
#2	-.00001	9.7557	.00098	.00279	.00192	1.6111	.34744	.47623
#3	.00001	9.6848	.00113	.00253	.00136	1.6573	.34597	.45148

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	.00024	268.02	-.00009	.01867	.56286	-.00025	.01088
Stddev	.00029	.00017	2.20	.00008	.00034	.01598	.00009	.00082
%RSD	7.6815	69.371	.81918	96.918	1.8336	2.8391	35.027	7.5839

#1	.00348	.00009	269.20	-.00000	.01906	.56605	-.00030	.00994
#2	.00400	.00042	269.37	-.00009	.01851	.54553	-.00029	.01151
#3	.00398	.00021	265.48	-.00017	.01843	.57701	-.00015	.01117

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10468	.24378	-.00062	.00093	.00139	.0004	.02601	4.7595
Stddev	.00483	.00476	.00036	.00072	.00056	.0019	.00018	.0414
%RSD	4.6168	1.9527	57.710	77.532	40.078	461.1	.68399	.86954

#1	.10951	.24524	-.00104	.00174	.00201	.0003	.02621	4.7154
#2	.10470	.24764	-.00044	.00071	.00093	.0024	.02588	4.7654
#3	.09984	.23846	-.00040	.00035	.00123	-.0015	.02594	4.7976

Sample Name: J6194-10 Acquired: 12/20/2018 19:36:51 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2586
 Stddev .4779
 %RSD 37.967

#1 1.0604
 #2 1.8037
 #3 .91174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.0	40218.	3798.8	93.367	3340.9
Stddev	12.3	87.	45.9	.931	17.6
%RSD	.41287	.21736	1.2070	.99725	.52751

#1	2964.0	40233.	3756.8	92.300	3332.5
#2	2962.0	40124.	3791.8	93.783	3329.0
#3	2984.2	40297.	3847.7	94.017	3361.1

Sample Name: J6196-08 Acquired: 12/20/2018 19:41:27 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00322	.00282	.00118	-.00113	.24787	.14863	.00020
Stddev	.00237	.00026	.00082	.00122	.00031	.01017	.00113	.00006
%RSD	223.37	7.9182	29.154	102.87	27.475	4.1011	.76119	28.888

#1	-.00189	-.00340	.00281	.00259	-.00133	.25960	.14787	.00014
#2	-.00290	-.00334	.00366	.00048	-.00128	.24234	.14809	.00022
#3	.00161	-.00293	.00201	.00049	-.00077	.24167	.14993	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	56.553	.00196	.00480	.00286	1.7692	1.0736	3.1623
Stddev	.00003	.614	.00018	.00009	.00016	.0279	.0011	.0524
%RSD	73.289	1.0848	9.1670	1.9046	5.5665	1.5753	.10357	1.6554

#1	.00006	55.845	.00197	.00486	.00268	1.7715	1.0746	3.2198
#2	.00006	56.872	.00214	.00469	.00294	1.7403	1.0724	3.1174
#3	.00001	56.941	.00178	.00484	.00297	1.7958	1.0738	3.1496

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00009	430.69	.00055	.01937	1.1226	.00010	.01331
Stddev	.00023	.00026	3.80	.00011	.00019	.0401	.00007	.00438
%RSD	4.0062	286.31	.88145	20.922	.98124	3.5716	64.099	32.929

#1	.00587	-.00000	434.00	.00044	.01942	1.0895	.00018	.01809
#2	.00573	-.00011	431.53	.00067	.01916	1.1671	.00004	.00948
#3	.00542	.00039	426.54	.00054	.01953	1.1111	.00009	.01235

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41755	1.5695	-.00078	.00127	.00336	.0019	.19958	5.5101
Stddev	.00361	.0089	.00089	.00073	.00106	.0015	.00111	.2869
%RSD	.86384	.56528	113.75	57.519	31.597	77.58	.55738	5.2072

#1	.41846	1.5797	-.00177	.00162	.00237	.0016	.19831	5.6522
#2	.42061	1.5645	-.00007	.00177	.00448	.0035	.20012	5.6983
#3	.41357	1.5642	-.00050	.00043	.00323	.0006	.20033	5.1799

Sample Name: J6196-08 Acquired: 12/20/2018 19:41:27 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6136
Stddev	.5247
%RSD	20.075

#1	2.9170
#2	2.0077
#3	2.9159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.6	39481.	3813.3	92.167	3195.0
Stddev	8.8	191.	6.3	.870	11.0
%RSD	.30284	.48345	.16403	.94425	.34396

#1	2911.2	39341.	3811.9	91.990	3184.9
#2	2909.8	39403.	3807.9	93.112	3193.2
#3	2925.7	39699.	3820.2	91.398	3206.7

Sample Name: J6196-10 Acquired: 12/20/2018 19:46:01 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	-.00337	.00944	-.00005	.00016	.22529	.15138	.00022
Stddev	.00170	.00097	.00046	.00162	.00108	.00932	.00076	.00003
%RSD	144.43	28.682	4.8334	3014.0	699.56	4.1384	.50072	11.561

#1	-.00045	-.00304	.00908	-.00138	.00023	.22316	.15063	.00025
#2	.00295	-.00445	.00929	-.00053	.00120	.21722	.15139	.00021
#3	.00104	-.00261	.00995	.00175	-.00096	.23550	.15214	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	26.685	.00250	.00767	.00580	2.0241	1.2527	2.2055
Stddev	.00002	.378	.00011	.00012	.00031	.0215	.0014	.0651
%RSD	16.729	1.4166	4.5127	1.5042	5.3784	1.0627	.11131	2.9506

#1	.00009	26.299	.00263	.00762	.00612	2.0070	1.2517	2.1313
#2	.00012	26.700	.00246	.00759	.00549	2.0170	1.2522	2.2323
#3	.00008	27.055	.00242	.00780	.00579	2.0483	1.2543	2.2530

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	.00062	444.81	.00065	.03512	1.5332	-.00013	.01026
Stddev	.00020	.00051	6.06	.00029	.00037	.0559	.00017	.00254
%RSD	3.1132	83.059	1.3629	44.428	1.0459	3.6457	132.00	24.784

#1	.00632	.00120	440.21	.00059	.03529	1.4784	-.00026	.01109
#2	.00654	.00023	442.56	.00096	.03470	1.5312	-.00020	.01229
#3	.00615	.00042	451.68	.00039	.03537	1.5901	.00007	.00741

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26959	.80009	-.00068	.00094	.00288	.0027	.09805	5.8789
Stddev	.00457	.00278	.00051	.00109	.00187	.0012	.00049	.1338
%RSD	1.6948	.34719	74.904	116.17	64.746	43.41	.50364	2.2752

#1	.26890	.80219	-.00019	.00218	.00188	.0040	.09768	5.7381
#2	.26541	.80115	-.00121	.00052	.00173	.0017	.09787	5.8942
#3	.27447	.79694	-.00064	.00012	.00503	.0025	.09861	6.0043

Sample Name: J6196-10 Acquired: 12/20/2018 19:46:01 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5512
Stddev	.3859
%RSD	15.127

#1	2.9680
#2	2.2062
#3	2.4795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2906.0	38795.	3747.6	91.528	3180.4
Stddev	8.2	114.	22.2	1.056	7.7
%RSD	.28141	.29447	.59333	1.1535	.24219

#1	2898.0	38820.	3755.5	91.400	3175.5
#2	2914.4	38895.	3764.7	92.642	3189.3
#3	2905.6	38671.	3722.4	90.542	3176.5

Sample Name: J6196-12 Acquired: 12/20/2018 19:50:37 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	-.00395	.01728	.00279	.00027	.34223	.15460	.00025
Stddev	.00168	.00096	.00070	.00066	.00123	.01190	.00056	.00005
%RSD	192.44	24.273	4.0608	23.771	453.23	3.4772	.36507	18.390
#1	-.00228	-.00403	.01653	.00355	.00100	.32903	.15525	.00021
#2	.00099	-.00486	.01792	.00237	-.00115	.34552	.15432	.00025
#3	-.00133	-.00295	.01739	.00244	.00096	.35213	.15423	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	37.591	.00153	.00792	.00499	1.7765	1.1514	2.4529
Stddev	.00004	.160	.00024	.00005	.00017	.0076	.0041	.0221
%RSD	9.4799	.42646	15.853	.61566	3.4353	.42698	.35286	.90091
#1	.00037	37.615	.00179	.00787	.00494	1.7687	1.1507	2.4373
#2	.00044	37.738	.00132	.00796	.00486	1.7769	1.1477	2.4782
#3	.00038	37.420	.00147	.00794	.00519	1.7839	1.1557	2.4433
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	.00037	437.88	.00055	.08371	1.2086	-.00001	.01503
Stddev	.00008	.00046	2.13	.00024	.00118	.0728	.00011	.00635
%RSD	1.4287	124.18	.48538	44.807	1.4128	6.0257	1035.4	42.226
#1	.00532	-.00008	440.30	.00079	.08482	1.1290	-.00012	.01498
#2	.00547	.00083	436.32	.00030	.08384	1.2250	.00008	.02141
#3	.00544	.00035	437.03	.00054	.08247	1.2719	.00001	.00871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61451	2.5423	-.00000	-.00011	.00238	.0032	.18471	5.5531
Stddev	.00191	.0290	.00104	.00161	.00108	.0015	.00067	.1729
%RSD	.31007	1.1386	27464.	1414.6	45.311	46.04	.36463	3.1144
#1	.61457	2.5532	-.00038	.00133	.00221	.0048	.18434	5.6151
#2	.61639	2.5643	.00117	.00017	.00352	.0019	.18549	5.3577
#3	.61258	2.5095	-.00080	-.00184	.00139	.0029	.18430	5.6865

Sample Name: J6196-12 Acquired: 12/20/2018 19:50:37 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.7876
Stddev	.6481
%RSD	23.249

#1	2.5032
#2	3.5293
#3	2.3303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.7	39369.	3780.8	92.511	3206.3
Stddev	5.4	183.	34.4	1.134	2.5
%RSD	.18592	.46533	.91036	1.2259	.07730

#1	2934.7	39238.	3752.7	91.633	3208.3
#2	2927.4	39579.	3770.5	92.108	3203.5
#3	2924.0	39292.	3819.2	93.792	3207.2

Sample Name: J6199-10 Acquired: 12/20/2018 19:55:12 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00353	.00212	.00115	-.00016	.11374	.12212	.00007
Stddev	.00146	.00127	.00059	.00206	.00101	.01098	.00028	.00005
%RSD	10944.	36.027	27.981	179.78	626.14	9.6499	.22636	73.677

#1	.00101	-.00482	.00162	-.00106	-.00031	.10473	.12185	.00013
#2	.00069	-.00347	.00198	.00147	-.00109	.12596	.12211	.00003
#3	-.00167	-.00228	.00278	.00303	.00091	.11051	.12241	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	16.739	.00063	.02077	.00256	1.2807	1.1453	1.5028
Stddev	.00005	.191	.00031	.00012	.00024	.0317	.0023	.0285
%RSD	76.168	1.1434	49.853	.59786	9.4802	2.4771	.19839	1.8979

#1	.00010	16.519	.00096	.02062	.00229	1.2734	1.1442	1.5355
#2	.00010	16.861	.00034	.02084	.00265	1.2532	1.1437	1.4836
#3	.00001	16.838	.00060	.02084	.00275	1.3154	1.1479	1.4891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	.00025	298.37	.00025	.02426	.81771	-.00012	.01620
Stddev	.00037	.00078	2.46	.00003	.00038	.02765	.00015	.00527
%RSD	9.2419	306.38	.82540	11.354	1.5697	3.3815	121.21	32.547

#1	.00369	.00021	301.20	.00028	.02461	.79335	.00005	.01029
#2	.00443	-.00050	296.70	.00025	.02385	.81203	-.00020	.01791
#3	.00402	.00106	297.21	.00023	.02433	.84777	-.00022	.02041

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27822	.67034	-.00117	.00237	.00050	.0001	.06336	5.4445
Stddev	.00218	.00476	.00010	.00175	.00163	.0003	.00042	.1861
%RSD	.78307	.71000	8.0957	73.872	328.74	300.2	.65600	3.4176

#1	.27619	.66915	-.00109	.00047	-.00107	.0002	.06333	5.5841
#2	.27796	.66629	-.00115	.00273	.00219	.0004	.06379	5.5162
#3	.28052	.67558	-.00128	.00392	.00036	-.0002	.06296	5.2333

Sample Name: J6199-10 Acquired: 12/20/2018 19:55:12 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0137
 Stddev .2991
 %RSD 14.854

#1 2.1472
 #2 2.2228
 #3 1.6711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.2	39392.	3755.6	93.322	3247.8
Stddev	11.5	87.	40.2	1.333	8.4
%RSD	.39527	.21963	1.0710	1.4282	.25816

#1	2903.9	39404.	3709.6	92.050	3239.3
#2	2923.5	39472.	3773.0	94.708	3248.0
#3	2924.2	39300.	3784.3	93.208	3256.1

Sample Name: CCV07 Acquired: 12/20/2018 19:59:48 Type: Unk
Method: P4-ICP2(v2673) 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	5.1986	5.0113	5.0382	5.1202	5.1505	10.408	10.147	.25347
Stddev	.0204	.0116	.0107	.0216	.0106	.022	.019	.00129
%RSD	.39296	.23089	.21338	.42112	.20654	.20725	.18255	.50824
#1	5.2067	5.0173	5.0462	5.1140	5.1572	10.384	10.150	.25228
#2	5.2138	5.0187	5.0424	5.1442	5.1560	10.411	10.164	.25329
#3	5.1754	4.9980	5.0260	5.1024	5.1382	10.427	10.128	.25483
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4857	27.085	1.0521	2.4947	1.2785	5.0283	2.5656	25.502
Stddev	.0032	.170	.0022	.0042	.0029	.0739	.0067	.073
%RSD	.12961	.62938	.20708	.16766	.22493	1.4698	.26241	.28666
#1	2.4868	27.023	1.0499	2.4961	1.2780	5.0106	2.5582	25.426
#2	2.4882	27.278	1.0542	2.4980	1.2816	5.1095	2.5672	25.507
#3	2.4821	26.954	1.0521	2.4900	1.2759	4.9649	2.5714	25.572
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4756	1.2268	24.160	2.4691	2.5563	25.172	5.1786	5.1214
Stddev	.0058	.0032	.062	.0041	.0587	.046	.0150	.0126
%RSD	.23508	.26051	.25622	.16500	2.2981	.18108	.28911	.24674
#1	2.4763	1.2231	24.091	2.4665	2.5581	25.180	5.1816	5.1239
#2	2.4810	1.2286	24.211	2.4670	2.6142	25.213	5.1919	5.1077
#3	2.4695	1.2288	24.177	2.4738	2.4967	25.123	5.1624	5.1326
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0081	5.1554	5.0616	5.0537	5.0413	5.046	5.3984	4.7177
Stddev	.0029	.0235	.0143	.0218	.0125	.014	.0326	.1112
%RSD	.05876	.45646	.28267	.43093	.24754	.2847	.60355	2.3567
#1	5.0076	5.1367	5.0556	5.0618	5.0407	5.044	5.3877	4.8276
#2	5.0113	5.1818	5.0780	5.0290	5.0541	5.061	5.4350	4.7201
#3	5.0055	5.1478	5.0514	5.0702	5.0292	5.032	5.3726	4.6053

Sample Name: CCV07 Acquired: 12/20/2018 19:59:48 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3796
Stddev .4330
%RSD 18.195

#1 1.9814
#2 2.8405
#3 2.3169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.1	41067.	3779.3	90.579	3305.6
Stddev	5.7	78.	17.8	2.017	5.5
%RSD	.19089	.18878	.47159	2.2269	.16638

#1	2992.2	41065.	3777.6	90.458	3301.5
#2	2989.6	40990.	3762.4	88.625	3303.5
#3	3000.6	41145.	3797.9	92.654	3311.8

Sample Name: CCB07 Acquired: 12/20/2018 20:03:48 Type: Unk
Method: P4-ICP2(v2673) 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	.00161	.00076	-.00075	-.00042	.00110	-.01200	.00122
Stddev	.00171	.00070	.00036	.00254	.00179	.00462	.00012
%RSD	106.52	91.231	48.573	598.61	163.00	38.499	9.7886

#1	.00155	.00011	-.00034	.00154	.00009	-.01396	.00113
#2	.00335	.00150	-.00103	.00048	.00317	-.01531	.00118
#3	-.00007	.00068	-.00088	-.00329	.00004	-.00672	.00136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00009	.01112	.00054	-.00002	-.00065	.00154
Stddev	.00005	.00005	.01665	.00027	.00004	.00016	.01064
%RSD	118.90	55.381	149.68	49.646	203.82	24.069	692.07

#1	.00005	.00003	.02130	.00050	.00000	-.00047	-.00488
#2	-.00001	.00012	-.00809	.00082	-.00006	-.00075	.01382
#3	.00009	.00010	.02016	.00029	.00000	-.00074	-.00433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02892	.00057	.00046	-.09973	.00044	-.00091
Stddev	.00004	.01951	.00022	.00027	.00629	.00036	.00007
%RSD	167.68	67.461	38.513	58.807	6.3032	82.167	7.6283

#1	.00003	.01315	.00044	.00070	-.10389	.00079	-.00084
#2	-.00002	.05074	.00045	.00017	-.09250	.00048	-.00091
#3	.00006	.02288	.00083	.00052	-.10280	.00006	-.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01510	.00002	-.00085	F -.01286	.00023	-.00092	.00161
Stddev	.01090	.00018	.00494	.00227	.00137	.00043	.00087
%RSD	72.156	1149.7	579.72	17.619	605.94	46.737	53.947

#1	-.00833	.00022	-.00228	-.01545	-.00074	-.00082	.00261
#2	-.00931	-.00006	.00464	-.01186	-.00037	-.00140	.00100
#3	-.02767	-.00012	-.00492	-.01126	.00179	-.00056	.00124

Sample Name: CCB07 Acquired: 12/20/2018 20:03:48 Type: Unk
Method: P4-ICP2(v2673) 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	-.00342	-.0005	.00003	F 3.0068	F .24405
Stddev	.00092	.0010	.00007	.0867	.35939
%RSD	26.876	217.4	206.44	2.8827	147.26
#1	-.00364	-.0015	.00004	2.9778	-.15639
#2	-.00241	-.0004	.00010	3.1043	.53857
#3	-.00421	.0005	-.00004	2.9384	.34998
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.3	43234.	3788.7	94.739	3815.7
Stddev	4.9	77.	14.0	1.411	9.1
%RSD	.15281	.17837	.36888	1.4889	.23932
#1	3176.3	43151.	3775.7	94.267	3815.6
#2	3171.5	43248.	3803.5	93.625	3806.7
#3	3181.2	43304.	3787.0	96.325	3825.0

Sample Name: J6199-12 Acquired: 12/20/2018 20:08:17 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00256	.00183	.00124	-.00001	.13880	.12115	.00005
Stddev	.00166	.00095	.00079	.00162	.00020	.00735	.00047	.00001
%RSD	163.44	37.073	43.334	130.53	1786.7	5.2986	.38885	11.487

#1	.00000	-.00218	.00218	-.00063	.00020	.13446	.12109	.00005
#2	.00011	-.00364	.00092	.00225	-.00021	.13466	.12071	.00005
#3	.00292	-.00186	.00239	.00209	-.00002	.14729	.12165	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	16.444	.00097	.00925	.00483	.06615	.80064	1.5391
Stddev	.00005	.046	.00018	.00010	.00045	.00556	.00231	.0123
%RSD	55.214	.28204	18.747	1.0450	9.3846	8.4110	.28802	.79568

#1	.00008	16.423	.00076	.00925	.00535	.07044	.79815	1.5390
#2	.00013	16.412	.00108	.00934	.00457	.06814	.80109	1.5515
#3	.00004	16.497	.00106	.00915	.00456	.05986	.80269	1.5270

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00032	287.68	.00021	.01905	.78769	-.00010	.00712
Stddev	.00031	.00005	1.30	.00031	.00049	.03032	.00011	.01336
%RSD	7.4884	14.108	.45211	145.99	2.5530	3.8486	102.15	187.53

#1	.00432	.00035	287.87	.00032	.01959	.76122	-.00011	.00960
#2	.00379	.00027	286.30	.00045	.01866	.82076	.00000	.01907
#3	.00434	.00035	288.88	-.00014	.01890	.78108	-.00021	-.00730

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44929	.57040	-.00091	.00120	-.00223	.0026	.05921	5.1136
Stddev	.00205	.00131	.00062	.00058	.00123	.0017	.00046	.2158
%RSD	.45521	.22908	68.011	48.070	54.899	65.21	.77657	4.2191

#1	.45114	.57114	-.00025	.00054	-.00328	.0007	.05868	5.3038
#2	.44965	.57118	-.00101	.00156	-.00253	.0039	.05939	4.8792
#3	.44709	.56890	-.00147	.00151	-.00088	.0033	.05955	5.1578

Sample Name: J6199-12 Acquired: 12/20/2018 20:08:17 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5842
Stddev	.5952
%RSD	37.574

#1	.93391
#2	2.1021
#3	1.7165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.6	39225.	3715.4	91.914	3235.2
Stddev	16.2	73.	11.7	2.069	11.9
%RSD	.55377	.18651	.31428	2.2513	.36916

#1	2915.2	39147.	3703.5	89.525	3227.9
#2	2911.5	39292.	3726.8	93.067	3228.6
#3	2941.2	39235.	3715.8	93.150	3249.0

Sample Name: J6466-01 Acquired: 12/20/2018 20:12:52 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00137	-.00142	.00101	.01141	-.00946	.11811	-.00001
Stddev	.00026	.00046	.00089	.00331	.00224	.00500	.00085	.00006
%RSD	17.361	33.496	63.096	327.26	19.630	52.855	.72234	439.99

#1	-.00180	-.00150	-.00059	.00340	.01392	-.01174	.11713	-.00009
#2	-.00128	-.00086	-.00129	-.00276	.00963	-.00373	.11865	.00000
#3	-.00146	-.00175	-.00237	.00239	.01068	-.01292	.11856	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.17309	.00097	-.00025	-.00021	.02127	.00099	.04652
Stddev	.00006	.02177	.00009	.00012	.00012	.00515	.00005	.08968
%RSD	202.39	12.579	9.2758	49.262	54.615	24.229	4.7038	192.78

#1	-.00008	.15463	.00105	-.00037	-.00009	.02025	.00101	.02767
#2	-.00004	.16753	.00098	-.00023	-.00023	.02685	.00102	.14413
#3	.00003	.19710	.00087	-.00013	-.00032	.01670	.00093	-.03224

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	.00066	256.09	-.00004	.07780	.27528	.00013	.02652
Stddev	.00023	.00033	2.11	.00053	.00072	.00545	.00031	.00296
%RSD	12.726	50.331	.82527	1199.4	.93049	1.9784	241.94	11.175

#1	.00190	.00028	253.65	-.00040	.07759	.28065	.00040	.02697
#2	.00158	.00081	257.45	-.00029	.07721	.26976	-.00021	.02336
#3	.00204	.00089	257.16	.00056	.07861	.27544	.00020	.02923

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14255	.01925	-.00055	.00078	-.00170	.0764	.00190	5.0055
Stddev	.00222	.00245	.00033	.00134	.00056	.0006	.00009	.2924
%RSD	1.5598	12.711	60.111	172.22	33.161	.8124	4.7418	5.8424

#1	.14195	.01942	-.00091	.00178	-.00154	.0757	.00187	5.2101
#2	.14069	.02162	-.00025	.00129	-.00123	.0769	.00183	5.1360
#3	.14502	.01673	-.00050	-.00074	-.00232	.0766	.00200	4.6706

Sample Name: J6466-01 Acquired: 12/20/2018 20:12:52 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.96320
Stddev	.33674
%RSD	34.961

#1	1.0948
#2	1.2142
#3	.58052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.0	39411.	3708.3	91.419	3273.9
Stddev	7.8	107.	3.0	1.279	4.9
%RSD	.26888	.27053	.08042	1.3995	.15046

#1	2909.4	39317.	3706.0	91.083	3272.8
#2	2925.0	39388.	3707.3	92.833	3279.3
#3	2916.5	39527.	3711.7	90.342	3269.7

Sample Name: J6469-02 Acquired: 12/20/2018 20:17:29 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-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	-.00069	-.00235	.01490	.00011	-.00001	.30051	.32888	.00007
Stddev	.00187	.00016	.00136	.00379	.00133	.00690	.00090	.00002
%RSD	270.35	6.8593	9.1290	3484.0	16002.	2.2948	.27489	35.271

#1	-.00224	-.00241	.01626	-.00383	-.00087	.29254	.32927	.00007
#2	.00138	-.00216	.01354	.00043	.00152	.30444	.32953	.00004
#3	-.00121	-.00246	.01491	.00372	-.00068	.30454	.32785	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	13.425	.00164	.00320	.00430	1.0244	.22676	.54710
Stddev	.00005	.076	.00032	.00019	.00044	.0187	.00030	.04402
%RSD	250.35	.56613	19.598	6.0527	10.191	1.8222	.13115	8.0454

#1	-.00001	13.341	.00201	.00306	.00474	1.0377	.22708	.51833
#2	-.00000	13.445	.00143	.00311	.00386	1.0031	.22650	.59777
#3	.00008	13.489	.00147	.00342	.00431	1.0325	.22669	.52520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	-.00013	470.76	.00064	.17433	2.2184	-.00001	.04672
Stddev	.00033	.00017	3.25	.00021	.00581	.0613	.00022	.00382
%RSD	5.1433	137.53	.69107	32.919	3.3342	2.7623	2220.5	8.1845

#1	.00650	-.00032	470.67	.00083	.17659	2.1501	-.00015	.04665
#2	.00675	.00002	467.55	.00041	.16772	2.2364	-.00012	.05058
#3	.00609	-.00008	474.05	.00067	.17866	2.2686	.00024	.04293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28529	.62308	-.00001	.00094	.00108	.0042	.02339	5.5262
Stddev	.00291	.00681	.00046	.00102	.00110	.0004	.00021	.1551
%RSD	1.0183	1.0932	3134.3	108.38	101.82	9.239	.88061	2.8073

#1	.28841	.61527	-.00027	-.00017	.00231	.0040	.02317	5.6934
#2	.28479	.62778	.00052	.00183	.00019	.0041	.02357	5.3869
#3	.28267	.62620	-.00029	.00117	.00075	.0047	.02343	5.4983

Sample Name: J6469-02 Acquired: 12/20/2018 20:17:29 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5104
 Stddev .2309
 %RSD 9.1994

#1 2.6969
 #2 2.2521
 #3 2.5823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.3	38357.	3722.0	91.567	3143.7
Stddev	10.5	148.	15.0	3.108	10.8
%RSD	.36493	.38626	.40399	3.3946	.34417

#1	2872.7	38188.	3730.9	90.300	3132.5
#2	2886.8	38418.	3730.4	95.108	3144.5
#3	2893.3	38466.	3704.6	89.292	3154.1

Sample Name: J6470-02 Acquired: 12/20/2018 20:22:03 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	-.00183	-.00128	.00074	.00130	.01129	.10818	-.00001
Stddev	.00401	.00035	.00031	.00044	.00040	.00343	.00021	.00003
%RSD	171.87	19.129	24.655	60.331	30.798	30.390	.19745	232.29

#1	-.00667	-.00215	-.00102	.00095	.00107	.01331	.10802	-.00003
#2	.00123	-.00188	-.00118	.00023	.00177	.00733	.10809	-.00004
#3	-.00156	-.00145	-.00163	.00104	.00108	.01324	.10842	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.36411	.00357	.00002	-.00089	5.7043	.02498	.06516
Stddev	.00004	.02369	.00006	.00012	.00020	.1194	.00019	.01437
%RSD	23.446	6.5066	1.7328	751.17	22.091	2.0924	.75849	22.058

#1	-.00023	.37649	.00363	-.00005	-.00101	5.6254	.02499	.06041
#2	-.00020	.37904	.00358	.00015	-.00099	5.8416	.02478	.05376
#3	-.00014	.33679	.00351	-.00005	-.00066	5.6459	.02516	.08130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00385	.00002	343.02	.00028	1.2939	.25902	.00016	.01693
Stddev	.00039	.00031	1.77	.00052	.0323	.02497	.00017	.00574
%RSD	10.160	1969.2	.51486	187.65	2.4962	9.6392	103.48	33.916

#1	.00410	.00008	344.43	.00001	1.2785	.28121	.00003	.02300
#2	.00404	-.00032	343.58	.00088	1.3310	.26387	.00011	.01621
#3	.00340	.00029	341.04	-.00005	1.2721	.23199	.00035	.01158

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11041	.01964	-.00084	.00212	.00048	.0004	-.00432	4.4311
Stddev	.00191	.00093	.00056	.00058	.00101	.0009	.00006	.2486
%RSD	1.7282	4.7276	66.702	27.262	209.84	201.0	1.3385	5.6099

#1	.11241	.02041	-.00024	.00148	.00108	.0009	-.00429	4.6200
#2	.11021	.01989	-.00093	.00259	.00105	.0010	-.00439	4.5239
#3	.10861	.01861	-.00135	.00229	-.00069	-.0006	-.00429	4.1495

Sample Name: J6470-02 Acquired: 12/20/2018 20:22:03 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6496
Stddev .7688
%RSD 29.016

#1 2.7209
#2 1.8476
#3 3.3803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.8	39422.	3712.8	90.769	3238.3
Stddev	3.3	156.	18.8	2.156	4.8
%RSD	.11315	.39695	.50599	2.3748	.14730

#1	2924.8	39242.	3699.4	91.908	3233.3
#2	2931.4	39525.	3704.7	88.283	3242.8
#3	2927.1	39499.	3734.3	92.117	3238.9

Sample Name: J6472-01 Acquired: 12/20/2018 20:26:38 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00188	.00884	-.00017	.00035	.04685	.10088	-.00004
Stddev	.00143	.00032	.00038	.00079	.00124	.00749	.00030	.00013
%RSD	150.50	16.829	4.3112	458.45	351.10	15.977	.29865	304.67

#1	-.00148	-.00155	.00923	.00025	-.00014	.04715	.10105	-.00006
#2	-.00203	-.00218	.00847	-.00108	-.00057	.05418	.10053	.00009
#3	.00067	-.00192	.00881	.00032	.00177	.03922	.10106	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	1.7583	.00098	.00015	.01863	.73393	.03157	.43119
Stddev	.00001	.0126	.00018	.00020	.00045	.00886	.00024	.01461
%RSD	4.9512	.71710	18.851	134.41	2.4025	1.2075	.75218	3.3885

#1	.00026	1.7451	.00119	.00037	.01842	.72468	.03143	.43574
#2	.00028	1.7597	.00085	.00010	.01914	.73478	.03185	.41485
#3	.00029	1.7702	.00090	-.00002	.01832	.74234	.03144	.44298

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	-.00031	245.69	-.00026	.18159	.24307	.00010	.02257
Stddev	.00029	.00036	1.81	.00042	.00246	.01931	.00021	.00574
%RSD	9.7412	113.43	.73791	161.99	1.3566	7.9460	201.55	25.436

#1	.00325	-.00034	247.26	-.00073	.17894	.23992	.00001	.01764
#2	.00297	.00005	243.71	.00004	.18204	.26377	-.00004	.02887
#3	.00267	-.00066	246.11	-.00008	.18381	.22553	.00034	.02119

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17553	.06599	-.00128	.00155	-.00144	.0023	.00460	4.1340
Stddev	.00450	.00354	.00026	.00147	.00092	.0013	.00003	.2411
%RSD	2.5652	5.3591	19.991	94.758	64.002	58.18	.71755	5.8311

#1	.17534	.06805	-.00126	.00060	-.00038	.0038	.00462	4.3746
#2	.18012	.06801	-.00154	.00324	-.00190	.0016	.00456	3.8925
#3	.17112	.06190	-.00103	.00081	-.00203	.0014	.00461	4.1349

Sample Name: J6472-01 Acquired: 12/20/2018 20:26:38 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1826
 Stddev .7230
 %RSD 61.139

#1 .36620
 #2 1.7421
 #3 1.4396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.0	40299.	3717.1	91.578	3342.1
Stddev	16.7	181.	14.3	1.213	18.6
%RSD	.55896	.44850	.38517	1.3242	.55534

#1	2986.7	40093.	3704.0	92.950	3330.6
#2	2986.0	40430.	3732.4	91.133	3332.3
#3	3015.4	40373.	3714.9	90.650	3363.6

Sample Name: J6475-02 Acquired: 12/20/2018 20:31:14 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00342	.00601	.00078	-.00164	.07362	.20268	.00008
Stddev	.00092	.00041	.00101	.00108	.00204	.00734	.00037	.00008
%RSD	52.374	12.024	16.839	138.87	124.65	9.9671	.18483	102.37

#1	.00217	-.00295	.00620	-.00043	-.00110	.07146	.20235	.00008
#2	.00241	-.00367	.00492	.00164	-.00390	.08179	.20309	.00015
#3	.00071	-.00365	.00691	.00112	.00008	.06760	.20259	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	78.413	.02075	.02737	.00413	.19238	.75353	26.382
Stddev	.00008	.918	.00046	.00006	.00024	.00452	.00069	.084
%RSD	13.273	1.1711	2.2281	.22397	5.8923	2.3514	.09210	.31958

#1	.00057	77.537	.02126	.02730	.00394	.18949	.75323	26.285
#2	.00072	78.334	.02065	.02741	.00404	.19759	.75304	26.433
#3	.00059	79.368	.02035	.02741	.00440	.19005	.75433	26.428

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07749	.00043	327.98	.00158	.24016	1.1578	-.00003	.02009
Stddev	.00064	.00031	3.34	.00017	.00507	.0301	.00023	.00520
%RSD	.82828	73.590	1.0191	10.603	2.1120	2.6008	675.28	25.887

#1	.07801	.00007	324.94	.00149	.23631	1.1426	.00021	.02409
#2	.07768	.00065	327.46	.00177	.24591	1.1383	-.00007	.01421
#3	.07677	.00057	331.56	.00147	.23826	1.1925	-.00025	.02197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52167	2.4133	-.00094	-.00195	.00332	.0006	.19858	4.9180
Stddev	.00266	.0091	.00028	.00221	.00093	.0009	.00103	.0279
%RSD	.51051	.37856	29.939	113.52	28.046	152.0	.51844	.56721

#1	.51862	2.4029	-.00075	.00046	.00271	.0016	.19802	4.9056
#2	.52350	2.4171	-.00081	-.00388	.00285	-.0000	.19794	4.9499
#3	.52290	2.4200	-.00126	-.00243	.00439	.0002	.19976	4.8984

Sample Name: J6475-02 Acquired: 12/20/2018 20:31:14 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7248
Stddev .2394
%RSD 8.7851

#1 2.5799
#2 2.5935
#3 3.0011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.4	38974.	3704.5	89.768	3169.0
Stddev	4.4	121.	10.8	1.811	9.2
%RSD	.15278	.31001	.29121	2.0175	.28930

#1	2887.3	38834.	3711.1	91.015	3158.8
#2	2895.0	39048.	3692.1	87.691	3171.7
#3	2894.9	39039.	3710.4	90.599	3176.6

Sample Name: J6472-04 Acquired: 12/20/2018 20:35:48 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00086	.00006	.00082	.00079	1.0135	.09915	-.00002
Stddev	.00295	.00061	.00052	.00006	.00100	.0120	.00040	.00004
%RSD	226.06	71.202	843.40	7.4675	125.91	1.1821	.40591	243.40

#1	-.00208	-.00026	.00001	.00082	.00137	1.0140	.09931	-.00003
#2	.00265	-.00083	.00060	.00088	.00137	1.0252	.09869	-.00006
#3	.00334	-.00149	-.00043	.00076	-.00036	1.0013	.09944	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	8.3698	.00423	.00048	.00132	.90401	.06840	1.5630
Stddev	.00004	.0579	.00010	.00021	.00018	.01806	.00015	.0749
%RSD	170.56	.69143	2.4163	43.970	13.286	1.9975	.21821	4.7935

#1	-.00005	8.3095	.00426	.00067	.00148	.91421	.06831	1.4892
#2	-.00005	8.3751	.00411	.00054	.00113	.88316	.06858	1.6390
#3	.00002	8.4248	.00431	.00025	.00136	.91465	.06832	1.5607

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00010	31.046	.00338	.02518	1.5373	.00186	.04721
Stddev	.00044	.00025	.320	.00021	.00020	.0085	.00018	.00120
%RSD	40.273	241.66	1.0306	6.2523	.78782	.55249	9.5534	2.5347

#1	.00083	.00028	31.067	.00350	.02541	1.5297	.00198	.04772
#2	.00084	.00022	30.716	.00314	.02504	1.5357	.00193	.04584
#3	.00160	-.00019	31.355	.00351	.02509	1.5465	.00165	.04806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91333	3.7922	-.00170	.02821	-.00109	.0259	.04258	2.9706
Stddev	.00209	.0443	.00037	.00262	.00138	.0003	.00018	.0393
%RSD	.22850	1.1680	21.698	9.2926	126.88	1.062	.41098	1.3227

#1	.91389	3.7917	-.00208	.02683	.00045	.0261	.04245	3.0155
#2	.91102	3.7481	-.00134	.03124	-.00149	.0260	.04253	2.9424
#3	.91508	3.8367	-.00166	.02657	-.00222	.0256	.04278	2.9539

Sample Name: J6472-04 Acquired: 12/20/2018 20:35:48 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.29790
Stddev	.45767
%RSD	153.63

#1	.77891
#2	-.13216
#3	.24695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.7	42175.	3786.3	95.276	3624.9
Stddev	7.8	52.	48.0	.390	9.1
%RSD	.25388	.12410	1.2683	.40936	.25088

#1	3079.3	42115.	3771.4	94.892	3618.9
#2	3079.1	42202.	3840.0	95.264	3620.5
#3	3065.7	42208.	3747.4	95.672	3635.4

Sample Name: J6482-04 Acquired: 12/20/2018 20:40:13 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	-.00170	.00009	-.00251	-.00117	.20331	.06465	.00006
Stddev	.00201	.00099	.00077	.00368	.00170	.00269	.00032	.00007
%RSD	387.30	58.390	886.28	146.77	145.64	1.3227	.49114	105.65

#1	-.00243	-.00244	-.00017	-.00613	.00002	.20317	.06483	.00009
#2	-.00071	-.00209	.00096	-.00263	-.00040	.20607	.06483	-.00001
#3	.00158	-.00057	-.00053	.00123	-.00312	.20070	.06428	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00748	28.985	.01228	.00345	.11135	.53279	.37565	1.0746
Stddev	.00019	.055	.00035	.00018	.00208	.01640	.00100	.0381
%RSD	2.5493	.18964	2.8182	5.2053	1.8710	3.0776	.26611	3.5489

#1	.00737	28.986	.01224	.00325	.11018	.51609	.37607	1.0330
#2	.00770	28.930	.01264	.00349	.11376	.53341	.37637	1.0831
#3	.00738	29.040	.01195	.00360	.11012	.54887	.37451	1.1078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00012	274.81	.00083	.45896	.38994	-.00012	.01575
Stddev	.00025	.00021	1.04	.00044	.00774	.00400	.00008	.00754
%RSD	7.0892	173.14	.37984	53.163	1.6867	1.0261	67.016	47.872

#1	.00355	-.00005	275.49	.00040	.45161	.39349	-.00017	.00755
#2	.00327	.00004	273.61	.00128	.45824	.39073	-.00003	.01730
#3	.00377	-.00035	275.34	.00081	.46704	.38560	-.00017	.02239

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20760	.64943	-.00125	.00133	-.00356	.0041	.08626	4.1705
Stddev	.00593	.00326	.00076	.00179	.00059	.0007	.00028	.1779
%RSD	2.8548	.50202	61.193	134.29	16.558	17.76	.32439	4.2646

#1	.20414	.64903	-.00145	.00190	-.00288	.0045	.08640	4.3107
#2	.21444	.64639	-.00040	.00277	-.00385	.0033	.08643	4.2304
#3	.20422	.65288	-.00189	-.00067	-.00394	.0046	.08593	3.9705

Sample Name: J6482-04 Acquired: 12/20/2018 20:40:13 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3803
Stddev	.6172
%RSD	25.931

#1	1.8687
#2	3.0658
#3	2.2064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.8	39967.	3779.3	92.128	3244.4
Stddev	73.8	121.	10.6	1.409	79.8
%RSD	2.4946	.30341	.28056	1.5295	2.4593

#1	2987.7	39902.	3771.9	93.325	3282.1
#2	2872.6	39893.	3791.4	92.483	3152.7
#3	3010.2	40107.	3774.5	90.575	3298.3

Sample Name: J6482-04DUP Acquired: 12/20/2018 20:44:47 Type: Unk
Method: P4-ICP2(v2673) 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	-.00222	-.00229	.00028	-.00025	-.00031	.18513	.06357	-.00000
Stddev	.00178	.00070	.00053	.00194	.00099	.00406	.00031	.00007
%RSD	79.915	30.720	189.09	787.09	321.09	2.1946	.49056	4828.9

#1	-.00029	-.00276	-.00030	-.00036	.00000	.18890	.06344	-.00005
#2	-.00259	-.00263	.00042	-.00213	-.00141	.18565	.06393	.00008
#3	-.00378	-.00148	.00072	.00175	.00049	.18083	.06334	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00733	28.678	.01189	.00316	.10841	.53132	.36889	1.0754
Stddev	.00002	.181	.00030	.00019	.00111	.00938	.00058	.0469
%RSD	.23275	.62979	2.5591	6.0699	1.0282	1.7662	.15721	4.3658

#1	.00733	28.608	.01162	.00293	.10870	.53236	.36863	1.0232
#2	.00735	28.543	.01184	.00326	.10936	.52146	.36955	1.1142
#3	.00732	28.883	.01222	.00328	.10718	.54014	.36849	1.0889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.00073	270.47	.00111	.44857	.44361	-.00010	.02302
Stddev	.00026	.00030	1.34	.00037	.01096	.01139	.00015	.00715
%RSD	7.9617	41.331	.49362	33.510	2.4444	2.5682	153.15	31.080

#1	.00345	.00073	271.76	.00079	.44727	.44118	.00007	.01609
#2	.00332	.00043	269.09	.00103	.43832	.43363	-.00022	.03038
#3	.00295	.00104	270.56	.00152	.46013	.45603	-.00015	.02258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20070	.64065	-.00089	.00080	-.00193	.0038	.08569	3.9879
Stddev	.00406	.00461	.00120	.00122	.00094	.0015	.00023	.2512
%RSD	2.0248	.71994	135.45	152.09	48.678	38.39	.27397	6.3000

#1	.20163	.64261	.00034	.00055	-.00109	.0041	.08543	3.9864
#2	.19625	.63538	-.00206	-.00027	-.00176	.0051	.08574	4.2400
#3	.20422	.64395	-.00094	.00213	-.00294	.0022	.08589	3.7375

Sample Name: J6482-04DUP Acquired: 12/20/2018 20:44:47 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2240
Stddev	.6883
%RSD	30.947

#1	2.8645
#2	2.3114
#3	1.4963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.3	40600.	3824.6	93.700	3319.4
Stddev	20.7	108.	13.2	2.364	18.4
%RSD	.68675	.26642	.34419	2.5224	.55336

#1	3010.9	40512.	3817.5	93.458	3298.5
#2	2998.8	40568.	3839.8	96.175	3332.9
#3	3039.2	40721.	3816.5	91.467	3326.8

Sample Name: J6482-04LX5 Acquired: 12/20/2018 20:49:21 Type: Unk
Method: P4-ICP2(v2673) 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	.00079	-.00042	-.00187	-.00033	.00124	.02862	.01345	.00001
Stddev	.00099	.00052	.00072	.00151	.00024	.01151	.00031	.00004
%RSD	124.26	124.83	38.622	450.62	18.991	40.220	2.3257	294.50

#1	.00057	.00015	-.00210	-.00189	.00106	.03496	.01320	.00002
#2	-.00006	-.00088	-.00246	-.00022	.00116	.01533	.01380	.00005
#3	.00187	-.00053	-.00106	.00111	.00151	.03558	.01336	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	6.0007	.00259	.00086	.02217	.11033	.07885	.19397
Stddev	.00003	.0296	.00047	.00002	.00051	.00382	.00023	.05063
%RSD	2.0089	.49350	18.088	2.4388	2.2929	3.4644	.29774	26.103

#1	.00151	6.0121	.00250	.00084	.02246	.10818	.07912	.20646
#2	.00154	6.0228	.00310	.00085	.02158	.11475	.07875	.23719
#3	.00148	5.9670	.00217	.00088	.02247	.10807	.07868	.13826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00001	57.237	.00049	.09542	.09170	-.00015	-.00067
Stddev	.00032	.00025	.261	.00046	.00070	.01949	.00020	.00908
%RSD	50.849	2298.5	.45585	95.570	.73225	21.250	137.37	1360.8

#1	.00050	.00010	56.954	.00089	.09561	.07852	.00003	-.00424
#2	.00100	.00017	57.288	.00059	.09465	.08250	-.00010	.00965
#3	.00040	-.00030	57.468	-.00002	.09600	.11408	-.00037	-.00742

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03003	.14044	-.00148	.00008	-.00196	.0014	.01784	2.1793
Stddev	.00227	.00262	.00047	.00218	.00107	.0010	.00013	.1595
%RSD	7.5626	1.8627	31.814	2763.1	54.660	71.57	.70927	7.3202

#1	.02757	.14338	-.00192	.00221	-.00319	.0004	.01772	2.0679
#2	.03049	.13836	-.00154	.00018	-.00144	.0024	.01782	2.3620
#3	.03204	.13959	-.00098	-.00215	-.00125	.0014	.01797	2.1078

Sample Name: J6482-04LX5 Acquired: 12/20/2018 20:49:21 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.86752
Stddev	.44074
%RSD	50.804

#1	1.0232
#2	1.2093
#3	.37007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.0	42951.	3895.2	95.972	3724.0
Stddev	26.2	122.	13.4	.488	32.7
%RSD	.80173	.28517	.34464	.50873	.87713

#1	3241.6	42947.	3900.2	95.676	3718.5
#2	3292.2	42831.	3880.0	96.536	3759.1
#3	3255.2	43076.	3905.4	95.705	3694.5

Sample Name: CCV08 Acquired: 12/20/2018 20:53:50 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9006	4.8883	4.8152	4.8949	4.8758	9.9952	9.7069	.24352
Stddev	.0111	.0098	.0137	.0128	.0206	.1074	.0859	.00016
%RSD	.22613	.19988	.28502	.26205	.42298	1.0743	.88548	.06387
#1	4.9000	4.8952	4.8245	4.8932	4.8772	9.8803	9.7954	.24370
#2	4.9119	4.8926	4.8216	4.9085	4.8957	10.093	9.6237	.24342
#3	4.8898	4.8771	4.7994	4.8830	4.8545	10.012	9.7018	.24344
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3998	25.765	1.0107	2.3907	1.2317	4.9209	2.4678	24.536
Stddev	.0057	.079	.0041	.0069	.0035	.0185	.0028	.082
%RSD	.23933	.30542	.40819	.28984	.28276	.37591	.11496	.33239
#1	2.4031	25.804	1.0142	2.3952	1.2317	4.9023	2.4710	24.600
#2	2.4032	25.674	1.0062	2.3942	1.2352	4.9210	2.4656	24.565
#3	2.3932	25.815	1.0118	2.3827	1.2282	4.9393	2.4667	24.444
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4096	1.1948	23.683	2.4309	2.4580	24.037	4.9048	4.9931
Stddev	.0053	.0029	.172	.0077	.0329	.173	.0128	.0243
%RSD	.21812	.24482	.72443	.31718	1.3398	.72107	.26120	.48580
#1	2.4153	1.1956	23.866	2.4370	2.4710	24.128	4.8956	4.9772
#2	2.4087	1.1916	23.526	2.4222	2.4206	23.837	4.9194	4.9811
#3	2.4049	1.1972	23.657	2.4334	2.4825	24.145	4.8993	5.0210
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7949	4.9055	4.8500	4.9074	4.8496	4.885	5.0919	F 3.2925
Stddev	.0170	.0676	.0084	.0187	.0435	.017	.0491	.0998
%RSD	.35472	1.3777	.17402	.38014	.89647	.3453	.96409	3.0306
#1	4.8114	4.9607	4.8478	4.9000	4.8916	4.899	5.1355	3.3698
#2	4.7959	4.8301	4.8593	4.9286	4.8048	4.891	5.0387	3.1799
#3	4.7774	4.9255	4.8429	4.8936	4.8525	4.866	5.1015	3.3279

Sample Name: CCV08 Acquired: 12/20/2018 20:53:50 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5910
Stddev	.5596
%RSD	21.598

#1	2.5886
#2	2.0326
#3	3.1519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.3	42481.	3905.1	93.357	3431.5
Stddev	10.0	68.	49.7	1.288	9.5
%RSD	.31688	.15912	1.2736	1.3791	.27668

#1	3145.9	42437.	3862.1	92.795	3424.9
#2	3136.5	42559.	3959.6	94.830	3427.2
#3	3156.4	42448.	3893.7	92.446	3442.4

Sample Name: CCB08 Acquired: 12/20/2018 20:57:50 Type: Unk
Method: P4-ICP2(v2673) 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	.00114	.00125	-.00157	-.00166	.00039	-.00571	.00052
Stddev	.00150	.00066	.00021	.00059	.00052	.00109	.00048
%RSD	131.64	52.379	13.158	35.612	133.36	19.012	92.584

#1	.00049	.00103	-.00156	-.00233	-.00021	-.00688	.00055
#2	.00286	.00199	-.00138	-.00146	.00064	-.00552	.00003
#3	.00008	.00074	-.00179	-.00120	.00074	-.00473	.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00010	.01619	.00030	-.00014	-.00056	-.00395
Stddev	.00003	.00002	.01084	.00024	.00013	.00041	.00173
%RSD	540.50	25.787	66.968	78.973	95.728	72.979	43.720

#1	.00002	.00009	.02072	.00043	.00001	-.00059	-.00310
#2	.00003	.00012	.02403	.00045	-.00023	-.00013	-.00281
#3	-.00003	.00008	.00382	.00003	-.00021	-.00095	-.00594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.02209	.00009	.00025	-.13181	.00013	-.00101
Stddev	.00002	.00644	.00004	.00040	.00789	.00015	.00007
%RSD	83.004	29.162	37.614	162.18	5.9842	119.60	7.3388

#1	-.00001	.02938	.00009	-.00010	-.14081	-.00004	-.00096
#2	-.00003	.01717	.00006	.00068	-.12609	.00017	-.00098
#3	-.00006	.01971	.00013	.00015	-.12852	.00026	-.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05703	.00012	-.00076	F -.01164	-.00032	-.00138	-.00203
Stddev	.00759	.00022	.00337	.00169	.00186	.00028	.00114
%RSD	13.308	185.78	442.35	14.504	578.01	20.395	56.335

#1	-.06576	.00010	.00241	-.01177	-.00060	-.00147	-.00094
#2	-.05338	-.00009	-.00039	-.00989	.00166	-.00160	-.00193
#3	-.05196	.00034	-.00430	-.01325	-.00202	-.00106	-.00322

Sample Name: CCB08 Acquired: 12/20/2018 20:57:50 Type: Unk
Method: P4-ICP2(v2673) 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	-.00561	-.0001	.00003	F 1.1253	F .16363
Stddev	.00160	.0005	.00008	.2261	.24391
%RSD	28.416	352.8	231.40	20.095	149.06
#1	-.00746	-.0003	-.00005	1.0346	.44485
#2	-.00467	-.0005	.00005	.95868	.00971
#3	-.00471	.0004	.00010	1.3828	.03633
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.0	45035.	3958.1	99.356	3917.4
Stddev	11.9	48.	13.0	1.838	3.4
%RSD	.36056	.10749	.32817	1.8503	.08693
#1	3290.8	44979.	3948.1	97.658	3917.8
#2	3298.0	45056.	3972.8	99.100	3920.6
#3	3314.1	45069.	3953.5	101.31	3913.8

Sample Name: J6482-04MS Acquired: 12/20/2018 21:02:19 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77440	1.8376	.92664	1.9546	.75901	2.2659	.28402	.19638	.19679
Stddev	.00104	.0074	.00172	.0012	.00110	.0242	.00114	.00059	.00028
%RSD	.13367	.40304	.18541	.05936	.14557	1.0667	.40198	.29926	.14073

#1	.77527	1.8418	.92625	1.9537	.75941	2.2886	.28463	.19698	.19702
#2	.77467	1.8420	.92852	1.9541	.75985	2.2405	.28473	.19581	.19688
#3	.77326	1.8291	.92515	1.9559	.75776	2.2686	.28270	.19635	.19648

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.192	.43209	.19993	.40650	3.5465	.58003	3.3161	.49126	.06949
Stddev	.090	.00071	.00045	.00026	.0519	.00041	.0415	.00122	.00059
%RSD	.28818	.16428	.22485	.06476	1.4619	.07153	1.2510	.24825	.84601

#1	31.089	.43265	.19987	.40620	3.5700	.58048	3.2702	.49168	.06881
#2	31.232	.43129	.20041	.40663	3.4871	.57965	3.3272	.49222	.06990
#3	31.254	.43232	.19952	.40668	3.5825	.57997	3.3509	.48989	.06975

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	285.30	.31414	.64586	10.923	.38839	.30954	.20404	1.5531	.64147
Stddev	4.42	.00031	.00778	.015	.00080	.00986	.00085	.0084	.00174
%RSD	1.5505	.09832	1.2049	.13369	.20595	3.1846	.41495	.53952	.27158

#1	287.94	.31423	.65079	10.913	.38882	.29921	.20319	1.5485	.64290
#2	287.78	.31439	.63689	10.916	.38888	.31056	.20404	1.5628	.64197
#3	280.20	.31379	.64990	10.940	.38746	.31884	.20488	1.5481	.63953

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19740	.20335	5.660	.29079	3.6009	.25706
Stddev	.00239	.00090	.005	.00099	.1474	.29433
%RSD	1.2127	.44370	.0867	.34060	4.0945	114.50

#1	.19918	.20232	5.663	.29021	3.7587	.53892
#2	.19834	.20397	5.663	.29193	3.4667	-.04833
#3	.19468	.20377	5.655	.29021	3.5774	.28059

Sample Name: J6482-04MS Acquired: 12/20/2018 21:02:19 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.5	41103.	3842.3	94.581	3361.2
Stddev	13.6	154.	22.5	1.239	15.3
%RSD	.44193	.37395	.58638	1.3104	.45639
#1	3070.4	40925.	3847.4	93.627	3345.1
#2	3085.3	41185.	3817.6	95.982	3362.8
#3	3097.6	41198.	3861.8	94.135	3375.7

Sample Name: J6482-04MSD Acquired: 12/20/2018 21:06:35 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76940	1.8362	.92177	1.9432	.75186	2.2483	.28322	.19621	.19633
Stddev	.00500	.0083	.00419	.0127	.00171	.0288	.00068	.00057	.00075
%RSD	.64968	.45151	.45433	.65242	.22725	1.2803	.24123	.29078	.38401

#1	.77505	1.8456	.92615	1.9574	.75141	2.2317	.28297	.19657	.19720
#2	.76553	1.8329	.92134	1.9388	.75375	2.2317	.28400	.19651	.19591
#3	.76763	1.8300	.91781	1.9332	.75042	2.2815	.28270	.19555	.19588

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.235	.42934	.19984	.40367	3.5783	.57793	3.3253	.49048	.06927
Stddev	.268	.00101	.00058	.00138	.0821	.00164	.0262	.00136	.00033
%RSD	.85811	.23610	.28859	.34128	2.2945	.28360	.78661	.27746	.47357

#1	30.931	.43048	.20045	.40525	3.5456	.57980	3.3553	.49198	.06917
#2	31.340	.42901	.19977	.40308	3.5176	.57725	3.3137	.49016	.06964
#3	31.435	.42854	.19930	.40270	3.6718	.57674	3.3070	.48931	.06900

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	285.05	.31374	.65016	10.951	.38651	.29555	.20365	1.5352	.63992
Stddev	3.06	.00026	.00809	.058	.00081	.00783	.00188	.0260	.00313
%RSD	1.0736	.08230	1.2436	.53029	.21020	2.6495	.92288	1.6934	.48988

#1	286.40	.31377	.65152	10.955	.38710	.30434	.20579	1.5448	.64332
#2	287.20	.31397	.64148	10.891	.38558	.28931	.20284	1.5551	.63715
#3	281.54	.31346	.65748	11.007	.38683	.29301	.20230	1.5058	.63929

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19651	.20395	5.643	.28914	3.3490	.28182			
Stddev	.00197	.00074	.021	.00284	.1127	.61063			
%RSD	1.0020	.36380	.3655	.98212	3.3647	216.67			

#1	.19731	.20340	5.662	.29047	3.3723	.40444			
#2	.19426	.20367	5.646	.29107	3.4482	.82184			
#3	.19794	.20479	5.621	.28588	3.2265	-.38081			

Sample Name: J6482-04MSD Acquired: 12/20/2018 21:06:35 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.6	41298.	3846.4	93.940	3364.0
Stddev	12.9	149.	46.2	1.074	18.9
%RSD	.41507	.36136	1.2019	1.1434	.56155
#1	3083.4	41133.	3815.2	93.569	3344.3
#2	3097.3	41335.	3824.5	95.150	3365.7
#3	3109.1	41425.	3899.5	93.100	3382.0

Sample Name: J6482-04A Acquired: 12/20/2018 21:10:51 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77178	1.8359	.92424	1.9485	.75413	2.2619	.28236	.19601	.19647
Stddev	.00454	.0033	.00052	.0030	.00226	.0226	.00183	.00028	.00045
%RSD	.58847	.17864	.05633	.15487	.29946	.99757	.64904	.14119	.23099

#1	.77250	1.8387	.92387	1.9458	.75172	2.2389	.28146	.19569	.19694
#2	.76693	1.8323	.92402	1.9478	.75447	2.2840	.28447	.19615	.19603
#3	.77592	1.8367	.92484	1.9518	.75620	2.2628	.28116	.19618	.19644

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.086	.43249	.19942	.40557	3.5277	.57826	3.2988	.49028	.06915
Stddev	.110	.00045	.00067	.00105	.1042	.00052	.0503	.00074	.00065
%RSD	.35384	.10515	.33650	.25815	2.9547	.09077	1.5251	.15135	.94375

#1	31.126	.43203	.19988	.40577	3.5442	.57874	3.2724	.49113	.06889
#2	31.171	.43294	.19865	.40444	3.6226	.57770	3.3568	.48973	.06867
#3	30.962	.43250	.19972	.40651	3.4161	.57835	3.2672	.49000	.06990

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	283.63	.31323	.64034	10.893	.38826	.30683	.20205	1.5444	.63964
Stddev	1.97	.00020	.01728	.024	.00060	.00659	.00236	.0160	.00149
%RSD	.69400	.06503	2.6982	.22002	.15343	2.1492	1.1704	1.0341	.23231

#1	285.77	.31315	.64717	10.883	.38804	.30956	.20071	1.5613	.64014
#2	283.23	.31346	.65316	10.920	.38780	.31162	.20478	1.5424	.63797
#3	281.90	.31308	.62069	10.876	.38893	.29931	.20066	1.5295	.64081

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19375	.20290	5.646	.28910	3.6738	.91550
Stddev	.00224	.00063	.005	.00200	.0085	.50668
%RSD	1.1551	.31230	.0919	.69100	.23169	55.344

#1	.19172	.20251	5.651	.29115	3.6653	1.2328
#2	.19615	.20363	5.641	.28898	3.6823	1.1826
#3	.19337	.20255	5.644	.28716	3.6740	.33116

Sample Name: J6482-04A Acquired: 12/20/2018 21:10:51 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.2	41190.	3848.6	95.124	3361.6
Stddev	20.0	68.	31.6	2.632	17.6
%RSD	.64806	.16520	.82040	2.7667	.52360
#1	3067.4	41170.	3816.3	93.985	3342.5
#2	3104.1	41265.	3850.2	93.253	3377.3
#3	3072.2	41133.	3879.4	98.133	3364.9

Sample Name: J6482-12 Acquired: 12/20/2018 21:15:07 Type: Unk
Method: P4-ICP2(v2673) 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	-.00075	-.00276	.00016	.00129	-.00014	.17785	.03964	-.00000
Stddev	.00206	.00113	.00024	.00355	.00111	.00820	.00033	.00008
%RSD	274.79	40.827	154.58	274.90	779.08	4.6091	.84197	2078.2

#1	.00072	-.00198	.00016	.00518	-.00100	.18611	.03932	.00009
#2	-.00310	-.00405	.00039	.00047	-.00053	.17774	.03999	-.00006
#3	.00013	-.00224	-.00009	-.00178	.00110	.16971	.03960	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00937	9.5248	.00216	.00067	.05486	.37598	.06375	.82753
Stddev	.00009	.0545	.00022	.00017	.00010	.01982	.00054	.02417
%RSD	.92820	.57182	10.075	24.751	.17406	5.2707	.84242	2.9210

#1	.00937	9.5027	.00240	.00054	.05478	.35309	.06319	.82663
#2	.00946	9.5868	.00206	.00061	.05497	.38761	.06380	.80382
#3	.00929	9.4848	.00200	.00085	.05483	.38722	.06426	.85214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00017	245.12	.00064	.25558	.50663	.00007	.00452
Stddev	.00044	.00076	2.38	.00009	.00564	.04609	.00009	.00658
%RSD	16.028	459.54	.96937	14.004	2.2082	9.0971	131.05	145.65

#1	.00264	-.00019	246.20	.00054	.25087	.48679	.00005	.00683
#2	.00324	-.00035	246.77	.00070	.26184	.47379	-.00001	-.00291
#3	.00238	.00104	242.40	.00068	.25404	.55932	.00017	.00962

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17947	.76565	-.00071	.00055	-.00229	.0063	.04034	2.6507
Stddev	.00155	.01114	.00070	.00116	.00013	.0001	.00017	.2497
%RSD	.86309	1.4544	98.494	211.39	5.8252	1.315	.41447	9.4190

#1	.17770	.76019	-.00057	-.00078	-.00214	.0062	.04017	2.9349
#2	.18017	.77846	-.00009	.00135	-.00236	.0063	.04051	2.5503
#3	.18055	.75830	-.00146	.00108	-.00238	.0064	.04034	2.4667

Sample Name: J6482-12 Acquired: 12/20/2018 21:15:07 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7842
Stddev .6877
%RSD 38.543

#1 1.0510
#2 1.8866
#3 2.4149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.3	42028.	3972.7	97.572	3466.0
Stddev	19.7	92.	66.5	1.965	17.6
%RSD	.62617	.21848	1.6748	2.0142	.50848

#1	3135.5	41943.	3941.3	98.917	3452.2
#2	3149.9	42125.	3927.6	95.317	3460.1
#3	3174.6	42017.	4049.1	98.483	3485.9

Sample Name: J6493-02 Acquired: 12/20/2018 21:19:41 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.00312	.07721	.00103	.00017	.01313	.20188	-.00000
Stddev	.00238	.00096	.00095	.00257	.00013	.00549	.00089	.00002
%RSD	516.80	30.870	1.2297	249.15	76.769	41.783	.43891	1059.3

#1	.00143	-.00315	.07818	.00274	.00032	.01781	.20288	.00002
#2	-.00314	-.00215	.07628	-.00192	.00012	.00709	.20155	-.00001
#3	.00032	-.00408	.07719	.00227	.00008	.01448	.20120	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	52.765	-.00053	.01677	.00457	5.6945	1.5314	2.9602
Stddev	.00003	.355	.00042	.00005	.00027	.0823	.0013	.0621
%RSD	.59859	.67341	79.647	.29006	5.8739	1.4448	.08459	2.0988

#1	.00474	53.173	-.00101	.01673	.00427	5.7825	1.5316	2.8980
#2	.00471	52.524	-.00037	.01682	.00479	5.6814	1.5326	2.9604
#3	.00477	52.598	-.00021	.01676	.00464	5.6195	1.5300	3.0222

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02846	-.00009	294.93	.00025	.18683	1.1831	-.00040	.00584
Stddev	.00010	.00003	3.87	.00016	.00410	.0138	.00021	.00353
%RSD	.34815	32.351	1.3120	63.713	2.1960	1.1628	51.115	60.460

#1	.02846	-.00010	299.31	.00025	.19156	1.1989	-.00059	.00266
#2	.02856	-.00006	293.48	.00009	.18424	1.1735	-.00045	.00523
#3	.02836	-.00011	291.99	.00041	.18468	1.1769	-.00018	.00964

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30511	.50115	-.00016	-.00220	-.00175	.0015	.18912	3.1475
Stddev	.00195	.00809	.00019	.00095	.00057	.0009	.00036	.2518
%RSD	.63923	1.6152	119.09	43.052	32.663	58.18	.18801	7.9994

#1	.30511	.51019	-.00038	-.00287	-.00128	.0023	.18953	3.3026
#2	.30706	.49457	-.00000	-.00261	-.00158	.0018	.18896	3.2829
#3	.30316	.49869	-.00011	-.00112	-.00238	.0006	.18888	2.8570

Sample Name: J6493-02 Acquired: 12/20/2018 21:19:41 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3334
 Stddev .0651
 %RSD 1.9531

#1 3.2729
 #2 3.4023
 #3 3.3249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.1	41460.	3961.8	94.957	3368.9
Stddev	17.4	72.	51.3	2.123	21.2
%RSD	.55992	.17370	1.2943	2.2354	.62874

#1	3096.5	41453.	3903.0	92.506	3349.8
#2	3099.6	41392.	3997.2	96.174	3365.2
#3	3128.1	41536.	3985.2	96.192	3391.7

Sample Name: J6493-03 Acquired: 12/20/2018 21:24:15 Type: Unk
Method: P4-ICP2(v2673) 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	-.00264	-.00191	-.00172	.00034	.00144	-.00292	.15798	-.00001
Stddev	.00095	.00020	.00013	.00177	.00144	.00705	.00064	.00002
%RSD	36.081	10.381	7.5900	512.65	100.29	241.24	.40709	165.50

#1	-.00163	-.00214	-.00183	.00145	.00213	.00094	.15841	-.00002
#2	-.00277	-.00176	-.00158	-.00169	.00240	-.01106	.15830	-.00003
#3	-.00353	-.00184	-.00175	.00128	-.00022	.00136	.15724	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	17.915	.00149	-.00008	-.00095	.02633	.01440	.21634
Stddev	.00007	.074	.00018	.00009	.00066	.00071	.00014	.04826
%RSD	83.852	.41044	12.366	109.62	69.754	2.6868	.95415	22.308

#1	-.00002	17.995	.00138	-.00012	-.00029	.02688	.01456	.25681
#2	-.00007	17.850	.00170	-.00014	-.00095	.02553	.01430	.22930
#3	-.00016	17.900	.00139	.00002	-.00162	.02658	.01436	.16293

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	.00000	250.45	.00006	8.1034	.25722	.01425	.33207
Stddev	.00028	.00010	1.69	.00011	.1102	.03143	.00004	.00904
%RSD	64.478	2893.3	.67546	174.78	1.3595	12.221	.28670	2.7213

#1	-.00045	.00003	252.26	-.00005	8.1608	.22503	.01425	.34215
#2	-.00015	-.00011	250.18	.00006	8.1731	.25879	.01421	.32468
#3	-.00071	.00009	248.91	.00018	7.9764	.28784	.01429	.32938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3043	.05547	-.00189	-.00091	-.00012	.9656	.00967	3.2269
Stddev	.0065	.00468	.00031	.00072	.00174	.0005	.00010	.1122
%RSD	.49780	8.4428	16.494	79.545	1418.2	.0528	1.0495	3.4764

#1	1.3083	.05563	-.00155	-.00035	-.00160	.9661	.00973	3.1967
#2	1.3078	.06007	-.00194	-.00065	-.00057	.9651	.00955	3.1329
#3	1.2968	.05071	-.00217	-.00172	.00180	.9655	.00972	3.3511

Sample Name: J6493-03 Acquired: 12/20/2018 21:24:15 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7137
 Stddev .3491
 %RSD 20.370

#1 1.9102
 #2 1.3107
 #3 1.9203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.9	41301.	3859.3	95.728	3431.1
Stddev	11.1	78.	24.9	1.383	8.3
%RSD	.35625	.18794	.64559	1.4450	.24235

#1	3102.0	41289.	3835.0	94.942	3424.9
#2	3097.3	41229.	3858.2	94.917	3427.7
#3	3118.4	41383.	3884.8	97.325	3440.5

Sample Name: J6494-01 Acquired: 12/20/2018 21:28:51 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00381	-.00257	.00093	.00236	-.01675	.20505	-.00000
Stddev	.00142	.00112	.00049	.00357	.00071	.01058	.00019	.00005
%RSD	94.308	29.390	19.041	385.13	30.056	63.181	.09363	1090.0

#1	.00003	-.00351	-.00274	.00477	.00316	-.00731	.20519	-.00006
#2	.00161	-.00288	-.00294	.00032	.00181	-.01476	.20513	.00002
#3	.00286	-.00505	-.00201	-.00230	.00212	-.02819	.20483	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	71.377	.00147	.00146	-.00267	13.944	.21717	1.0804
Stddev	.00005	.568	.00010	.00029	.00007	.258	.00042	.0182
%RSD	7.9020	.79608	6.5955	19.630	2.6166	1.8504	.19328	1.6854

#1	-.00057	71.855	.00150	.00172	-.00275	13.833	.21691	1.0640
#2	-.00066	71.527	.00155	.00115	-.00267	14.238	.21765	1.1000
#3	-.00063	70.749	.00136	.00152	-.00261	13.759	.21694	1.0772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00036	418.23	.00060	.05722	.71958	.01358	.04414
Stddev	.00027	.00014	4.25	.00037	.00167	.02590	.00025	.00771
%RSD	17.996	39.719	1.0172	61.776	2.9215	3.5987	1.8081	17.472

#1	.00138	-.00030	422.80	.00051	.05742	.69376	.01358	.04519
#2	.00131	-.00052	417.53	.00027	.05878	.74555	.01383	.05127
#3	.00181	-.00025	414.38	.00100	.05546	.71942	.01334	.03596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65274	.89089	-.00004	-.00137	.01096	.4239	.32301	4.0315
Stddev	.00321	.01290	.00072	.00059	.00121	.0051	.00355	.2000
%RSD	.49128	1.4483	1920.6	43.088	10.999	1.204	1.0995	4.9609

#1	.64976	.90333	.00067	-.00122	.01063	.4265	.32658	3.8764
#2	.65613	.89177	-.00077	-.00088	.00995	.4272	.32299	4.2572
#3	.65234	.87757	-.00002	-.00203	.01229	.4180	.31947	3.9607

Sample Name: J6494-01 Acquired: 12/20/2018 21:28:51 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.1888
Stddev	.2719
%RSD	4.3940

#1	6.2725
#2	5.8848
#3	6.4090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.1	39750.	3830.1	92.600	3232.1
Stddev	34.5	191.	59.4	2.549	40.2
%RSD	1.1476	.48142	1.5517	2.7523	1.2426

#1	2983.5	39663.	3773.9	92.148	3197.9
#2	2997.7	39617.	3824.2	90.308	3222.2
#3	3049.1	39969.	3892.3	95.345	3276.4

Sample Name: J6478-02 Acquired: 12/20/2018 21:33:24 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00433	-.00144	.00059	-.00020	-.00180	-.03039	.01812	.00009
Stddev	.00162	.00152	.00041	.00225	.00180	.01419	.00066	.00001
%RSD	37.509	105.22	68.708	1129.3	99.889	46.700	3.6411	9.2623
#1	.00478	-.00119	.00034	.00099	-.00185	-.03415	.01756	.00010
#2	.00567	-.00307	.00037	-.00279	.00002	-.01470	.01794	.00009
#3	.00252	-.00006	.00106	.00121	-.00358	-.04233	.01885	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	63.486	-.00019	-.00031	-.00030	-.00055	.00808	132.88
Stddev	.00005	.380	.00041	.00008	.00021	.00976	.00006	1.33
%RSD	82.850	.59874	215.05	25.827	68.470	1773.0	.74058	1.0036
#1	-.00001	63.245	-.00066	-.00030	-.00009	.01065	.00801	132.50
#2	-.00006	63.289	.00009	-.00023	-.00033	-.00509	.00812	131.78
#3	-.00012	63.924	-.00000	-.00039	-.00050	-.00721	.00810	134.36
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	.00054	1020.6	.00124	-.00005	43.221	.00069	.43695
Stddev	.00014	.00058	7.8	.00027	.00005	.228	.00026	.00475
%RSD	5.0629	107.80	.76105	21.572	103.40	.52828	38.129	1.0866
#1	-.00280	.00081	1029.6	.00095	-.00009	43.088	.00044	.43184
#2	-.00297	-.00013	1016.0	.00128	-.00008	43.090	.00068	.44123
#3	-.00268	.00092	1016.2	.00148	.00001	43.484	.00096	.43777
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 98.870	2.1532	-.03734	-.00110	.01178	.0400	.84341	4.6335
Stddev	.289	.0245	.00094	.00189	.00226	.0006	.00284	.1424
%RSD	.29192	1.1378	2.5142	172.25	19.199	1.514	.33705	3.0733
#1	98.545	2.1306	-.03800	.00107	.01197	.0399	.84117	4.6133
#2	98.970	2.1497	-.03626	-.00198	.00943	.0406	.84245	4.5023
#3	99.095	2.1792	-.03776	-.00238	.01395	.0394	.84661	4.7849

Sample Name: J6478-02 Acquired: 12/20/2018 21:33:24 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4234
Stddev	.3458
%RSD	6.3762

#1	5.0250
#2	5.5997
#3	5.6456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.8	38738.	3919.0	96.827	3090.9
Stddev	1.6	108.	39.4	.196	3.0
%RSD	.05505	.27855	1.0063	.20213	.09829

#1	2981.8	38861.	3944.2	96.711	3093.7
#2	2978.9	38661.	3939.3	96.717	3087.7
#3	2981.6	38691.	3873.5	97.053	3091.2

Sample Name: J6478-03 Acquired: 12/20/2018 21:37:58 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00165	.00145	-.00044	-.00162	-.03060	.01963	.00009
Stddev	.00298	.00062	.00185	.00159	.00039	.01354	.00100	.00005
%RSD	88.782	37.667	127.70	363.35	24.353	44.246	5.1044	58.290
#1	.00179	-.00141	.00158	-.00216	-.00116	-.02522	.01859	.00015
#2	.00149	-.00118	-.00046	.00097	-.00187	-.02058	.02058	.00005
#3	.00679	-.00235	.00322	-.00012	-.00181	-.04600	.01971	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	74.063	-.00051	-.00027	-.00046	-.00381	.00885	167.18
Stddev	.00001	.248	.00025	.00011	.00028	.00467	.00006	.60
%RSD	6.5447	.33481	48.387	41.007	61.779	122.73	.67016	.36163
#1	-.00017	73.816	-.00079	-.00016	-.00013	-.00902	.00880	167.41
#2	-.00020	74.312	-.00031	-.00039	-.00064	-.00001	.00884	167.63
#3	-.00019	74.061	-.00044	-.00028	-.00061	-.00239	.00892	166.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	.00031	1239.7	.00069	-.00013	55.908	.00109	.55193
Stddev	.00039	.00009	15.4	.00006	.00012	.117	.00017	.00668
%RSD	11.432	28.032	1.2449	9.2799	94.883	.20895	15.727	1.2102
#1	-.00339	.00030	1251.3	.00071	-.00002	56.042	.00122	.55509
#2	-.00299	.00023	1245.7	.00075	-.00011	55.849	.00115	.55645
#3	-.00377	.00041	1222.2	.00062	-.00025	55.833	.00089	.54426
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 125.95	2.1314	-.04781	-.00143	.01807	.0429	1.0506	5.3138
Stddev	.11	.0127	.00035	.00195	.00103	.0003	.0029	.1703
%RSD	.08823	.59582	.73979	136.23	5.6998	.7155	.28016	3.2053
#1	126.07	2.1251	-.04802	-.00163	.01688	.0430	1.0535	5.3811
#2	125.87	2.1460	-.04741	.00061	.01857	.0431	1.0507	5.1202
#3	125.89	2.1231	-.04802	-.00328	.01875	.0425	1.0476	5.4403

Sample Name: J6478-03 Acquired: 12/20/2018 21:37:58 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9960
Stddev	.1275
%RSD	2.1267

#1	5.9266
#2	5.9182
#3	6.1432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.4	37649.	3828.4	93.405	2962.5
Stddev	2.6	166.	10.4	.994	1.7
%RSD	.09202	.44060	.27095	1.0640	.05594

#1	2873.5	37746.	3840.3	92.262	2962.2
#2	2874.2	37743.	3822.6	94.062	2964.3
#3	2878.4	37457.	3822.1	93.892	2961.1

Sample Name: J6478-04 Acquired: 12/20/2018 21:42:31 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00411	-.00116	.00163	.00029	-.00175	-.02972	.01959	.00007
Stddev	.00245	.00031	.00146	.00099	.00025	.00530	.00077	.00004
%RSD	59.663	26.894	89.833	342.74	14.041	17.834	3.9279	55.747

#1	.00176	-.00151	.00320	-.00032	-.00171	-.02856	.01978	.00005
#2	.00391	-.00091	.00136	-.00024	-.00153	-.02510	.01874	.00011
#3	.00665	-.00106	.00032	.00144	-.00202	-.03551	.02024	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	62.671	-.00048	-.00045	-.00045	.00659	.00824	129.70
Stddev	.00005	.764	.00013	.00011	.00014	.00684	.00009	.34
%RSD	1334.2	1.2196	25.872	23.880	32.068	103.77	1.1058	.26330

#1	.00005	62.871	-.00062	-.00033	-.00052	.01337	.00828	129.31
#2	-.00004	61.826	-.00037	-.00054	-.00055	.00669	.00831	129.86
#3	-.00002	63.314	-.00046	-.00049	-.00028	-.00030	.00814	129.93

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	-.00001	964.46	.00123	-.00035	42.796	.00076	.42865
Stddev	.00015	.00037	17.16	.00032	.00008	.496	.00017	.00724
%RSD	4.6107	6547.1	1.7794	25.895	24.013	1.1598	22.767	1.6891

#1	-.00332	.00031	972.61	.00157	-.00041	42.910	.00096	.43681
#2	-.00303	-.00041	944.75	.00094	-.00037	42.252	.00068	.42615
#3	-.00314	.00009	976.03	.00118	-.00025	43.225	.00064	.42299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.955	2.1534	-.03686	-.00067	.01070	.0371	.82718	5.1813
Stddev	.420	.0236	.00047	.00222	.00053	.0010	.00879	.2040
%RSD	.44652	1.0945	1.2643	331.09	4.9423	2.646	1.0626	3.9370

#1	93.552	2.1660	-.03701	-.00297	.01127	.0361	.82929	4.9988
#2	93.923	2.1262	-.03723	-.00050	.01062	.0371	.81753	5.4015
#3	94.389	2.1679	-.03634	.00146	.01022	.0380	.83473	5.1435

Sample Name: J6478-04 Acquired: 12/20/2018 21:42:31 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2784
Stddev	.8528
%RSD	16.156

#1	5.8081
#2	4.2947
#3	5.7325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2944.3	37987.	3826.0	94.218	3058.3
Stddev	11.0	62.	42.8	2.136	11.4
%RSD	.37380	.16291	1.1199	2.2674	.37212

#1	2955.5	37932.	3819.2	92.763	3069.5
#2	2943.9	37975.	3871.8	96.671	3058.6
#3	2933.5	38054.	3786.9	93.221	3046.7

Sample Name: CCV09 Acquired: 12/20/2018 21:47:05 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7508	4.8321	4.6942	4.8116	4.7327	9.7442	9.5245	.23930
Stddev	.0149	.0042	.0064	.0081	.0113	.0784	.0996	.00062
%RSD	.31326	.08734	.13713	.16819	.23844	.80489	1.0456	.25714
#1	4.7597	4.8347	4.6996	4.8196	4.7392	9.6693	9.5517	.23945
#2	4.7589	4.8272	4.6871	4.8118	4.7393	9.7377	9.6077	.23983
#3	4.7336	4.8344	4.6960	4.8034	4.7197	9.8257	9.4142	.23863
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3620	25.303	1.0004	2.3393	1.2107	4.9441	2.4285	24.062
Stddev	.0020	.161	.0032	.0018	.0042	.0847	.0042	.087
%RSD	.08446	.63698	.32292	.07613	.34774	1.7130	.17296	.36234
#1	2.3642	25.136	.99707	2.3412	1.2130	4.8575	2.4266	24.052
#2	2.3604	25.317	1.0035	2.3376	1.2133	4.9481	2.4333	23.981
#3	2.3614	25.457	1.0007	2.3390	1.2059	5.0268	2.4255	24.154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3896	1.1865	22.774	2.4418	2.4229	24.210	4.7639	4.9456
Stddev	.0031	.0034	.219	.0029	.0123	.187	.0162	.0454
%RSD	.13150	.29086	.96347	.12070	.50879	.77168	.34096	.91900
#1	2.3932	1.1897	22.595	2.4388	2.4226	24.263	4.7727	4.9041
#2	2.3873	1.1828	23.019	2.4447	2.4354	24.364	4.7738	4.9385
#3	2.3883	1.1869	22.709	2.4420	2.4108	24.002	4.7451	4.9942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8513	4.8366	4.7628	4.8189	4.8026	4.814	4.9924	F 2.5988
Stddev	.0563	.0405	.0031	.0102	.0400	.004	.0309	.1573
%RSD	1.1603	.83759	.06561	.21097	.83367	.0821	.61934	6.0511
#1	4.9103	4.8731	4.7664	4.8303	4.8102	4.818	4.9842	2.6195
#2	4.8453	4.8437	4.7609	4.8107	4.8382	4.815	5.0265	2.7447
#3	4.7982	4.7930	4.7612	4.8157	4.7592	4.810	4.9663	2.4322

Sample Name: CCV09 Acquired: 12/20/2018 21:47:05 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8040
Stddev .6422
%RSD 22.903

#1 2.1301
#2 3.4089
#3 2.8729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.7	43144.	3944.7	93.629	3489.1
Stddev	17.5	121.	38.6	.524	13.2
%RSD	.54265	.28045	.97907	.56016	.37908

#1	3206.4	43167.	3919.8	93.393	3474.0
#2	3220.5	43013.	3925.2	93.263	3494.7
#3	3241.2	43252.	3989.2	94.230	3498.6

Sample Name: CCB09 Acquired: 12/20/2018 21:51:05 Type: Unk
Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00083	-.00134	-.00136	.00055	-.00888	.00039	.00006
Stddev	.00214	.00061	.00036	.00110	.00096	.00801	.00011	.00002
%RSD	121.87	73.475	26.949	80.940	175.08	90.241	27.331	29.899

#1	.00358	.00094	-.00103	-.00026	-.00054	.00005	.00027	.00006
#2	-.00060	.00017	-.00125	-.00245	.00090	-.01124	.00043	.00007
#3	.00229	.00138	-.00174	-.00136	.00128	-.01544	.00046	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00409	-.00012	.00002	-.00076	.00091	-.00001	.04187
Stddev	.00006	.00422	.00027	.00009	.00055	.00559	.00005	.02237
%RSD	40.569	103.12	223.40	401.56	72.209	611.19	355.19	53.416

#1	.00020	.00626	.00019	-.00006	-.00057	.00436	.00002	.06751
#2	.00008	-.00077	-.00031	.00011	-.00033	-.00553	.00001	.02635
#3	.00014	.00678	-.00024	.00001	-.00138	.00391	-.00007	.03176

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00031	.45187	.00025	-.00075	.21250	.00000	.00257
Stddev	.00006	.00041	.00429	.00051	.00008	.02661	.00010	.00232
%RSD	44.533	133.13	.95011	201.02	9.9740	12.524	13895.	90.337

#1	.00007	.00042	.44697	.00084	-.00067	.22409	-.00011	.00446
#2	.00019	.00065	.45367	-.00007	-.00082	.23137	.00003	-.00002
#3	.00016	-.00015	.45498	-.00001	-.00078	.18206	.00008	.00327

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00752	-.00244	-.00141	-.00027	.00139	.0003	.00005	F .57169
Stddev	.00157	.00183	.00022	.00058	.00228	.0004	.00004	.23628
%RSD	20.893	75.170	15.480	212.81	163.86	129.1	85.113	41.330

#1	.00817	-.00413	-.00116	-.00028	.00368	.0007	.00006	.84401
#2	.00573	-.00050	-.00153	-.00085	-.00088	-.0002	.00008	.42095
#3	.00866	-.00268	-.00154	.00031	.00137	.0006	.00000	.45013

Sample Name: CCB09 Acquired: 12/20/2018 21:51:05 Type: Unk
 Method: P4-ICP2(v2673) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .15558
Stddev	.06727
%RSD	43.238

#1	.08085
#2	.21130
#3	.17460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.2	45793.	4023.6	101.15	3977.4
Stddev	8.7	226.	27.5	1.04	11.3
%RSD	.25660	.49422	.68285	1.0301	.28528

#1	3370.4	45593.	3999.4	100.13	3972.7
#2	3379.6	45748.	4017.9	102.21	3969.1
#3	3387.7	46038.	4053.5	101.13	3990.3